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Resource Tapes

- SRC-000001 -1/1
VTV-10 **"JPL" (1957) & JATO, Corporal, Sergeant Footage**
1:00-1:20 "JPL" Color film production w/sound showing early historical scenes. Also a detailed description of JPL capabilities including Rocket test Beds, Photolab, Repro, Transportation, Machine shops, Chemistry Labs, and JPL buildings.
1:21-1:26 Raw stock of JATO, Corporal & Sergeant
Audience: JPL Resource
Client:
Master: 1"C Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
Film trans. by Fotronics 5/26/94
01/01/1957 - 0:26:32
- SRC-000002 -1/2 **Historical film transfers for JPL 50th Anniversary Production**
1:00 Central Engineering Building 301 Dedication
1:09 ? Ceremony w/Pickering, Brown, Murray in Mall
1:20 Launch of ?Viking
1:22 Surveyor digging on the Moon
1:24 Voyager 2 Spoke Movie
1:26 "Pickering's JPL - scenes from 40's, 50's and 60's
1:44 "The Air Corps Jet Propulsion Research Project Est 1939" w/descriptive text, circa 1940, rocket testing.
1:47 Flight Tests - March Field. Comparative tests
1:49 Aerojet Test Unit, May 1943
1:52 Centrojet C-1-A test, test sled at ?JPL.
1:58 Early pan of JPL grounds from mountain.
2:00 IRAS animation
2:10 "Corporal Story" spoof production, has many historical scenes.
2:23 End
Audience: Resource
Client:
Master: 1"C
Audio 1: Silent 2: Silent AVC-1994-177
Film transfer made 05/26/94
05/26/1994 - 1:23:00 Producer: Stealey
- SRC-000002 -2/2 **Historical film transfers for JPL 50th Anniversary Production**
1. Corporal construction and launch footage
2. Various cell animations of early JPL spacecraft thru Voyager

3. Excerpts from a Pioneer IV film w/sound;

4. Excerpts from a Surveyor film w/sound.

Audience: Resource

Client:

Master: 1"C

Audio 1: Silent 2: Silent AVC-1994-177

Film transfer made 06/14/94

06/14/1994 - 0:16:15 Producer: Stealey

SRC-000003 -1/1 **Mars Global Surveyor Deployment and Aerobraking Animation**

Starts after liftoff showing solid rocket separation; first stage fires second stage stack in to orbit; payload ferring comes off; second stage refires; third spins up and second stage is jettisoned; third stage is fired; despin segment begins with yoyos; spacecraft separates, deploys solar panels and turns to find sun.

Updated Aerobraking animation.

Created by Jeff Alu.

Audience: News Resource

Client: Glenn Cunningham

Master: BCAMsp

Audio 1: Silent 2: Silent

10/29/1996 - 0:03:09 Producer: Savona

SRC-000004 -1/1 **SOHO - Sun Images and Animation - 5/02/96 Press Release**

Images taken of the Sun by SOHO (Solar & Heliospheric Observatory) spacecraft

Audience: JPL NASA

Site: NASA-HQ

Client: Bridges, Org. 182

Master: BCAMsp Submaster: DVCPPro25

Audio 1: Silent 2: Silent

05/02/1996 - 0:03:21 Producer: NASA-Bennett

SRC-000005 -1/1 **Delta 2 / Mars Global Surveyor Spacecraft Processing and Launch**

Selected segments of Mars Global Surveyor being readied for launch.

Launch replays included.

Audience: Resource

Site: JFKspacectr

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

For resource purposes

02/10/1997 - 0:43:00 Producer: JFK/Bionetics

SRC-000006 -1/1 **Delta 2 / Mars Pathfinder Spacecraft Processing and Launch**

Selected segments of Mars Pathfinder being readied for

launch at John F. Kennedy Space Center from Sept. to Dec. 1996.

Launch replays included.

Audience: Resource

Site: JFKspacectr

Client:

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

For resource purposes

02/10/1997 - 0:34:00 Producer: JFK/Bionetics

SRC-000007 -1/1

SIRTF Primary Mirror Removal from Cryogenic Chamber

B-Roll of activities in Building 79, showing the removal of the Space Infrared Telescope Facility primary mirror from Cryogenic Chamber.

Audience: Resource

Client: Dave Pearson, Org. 346

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/25/1997 - 0:28:00 Producer: Semerano

SRC-000008 -1/1

Origins Computer Animations Compilation

Element one Flying Formation - :25

Element two Opening - :37

Element three Space Interferometry Mission - :25 Element

four Planet obscured by Star - :15

Element five Planet Orbiting Star - :20

Element six Planet Finder - :20

Audience: Resource

Site: JPL

Client: Dr. Firouz Naderi, Org. 3020

Master: BCAMsp Submaster: BCAMsp

Audio 1: Silent 2: Silent

SIRTF & NGST ADDED TO END OF TAPE

02/26/1996 - 0:05:32 Producer: Savona

SRC-000009 -1/1

Space Infrared Telescope Facility Computer Animations

SIRTF animation depicting one view:

Element is 44 seconds

Audience: Resource

Client:

Master: BCAMsp

Audio 1: Silent 2: Silent

02/28/1997 - 0:00:44 Producer: Semerano

SRC-000010 -1/2

Mars Interviews for Pathfinder & future missions

Interviews shot in studio for upcoming missions. Rudi Rieder - Max Plank Institute Germany Prin. Investigator APX

Spectrometer;
T. Economou - Univ of Chicago Part one of interview
Audience: Site: 186 studio
Client: Michelle Johnson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/16/1995 - 0:30:00 Producer: McNevin

SRC-000010 -2/2 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming missions. ;
T. Economou - Univ of Chicago Part two of interview; Peter
Smith Univ of Ariz.; Dan Britt Univ. of Ariz.; Hank Moore
U.S. Geological Survey.
Audience: Site: 186 studio
Client: Michelle Johnson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/16/1995 - 1:03:00 Producer: McNevin

SRC-000011 -1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming missions.
Brian Muirhead - Flight System Manager;
Rob Manning - Flight System Chief Engineer;
Les Compton - Lead Engineer Rocket Deceleration Subsystem.
Audience: NASA Resource Site: 186 Studio
Client: Michelle Johnson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/01/1975 - 0:26:10 Producer: McNevin

SRC-000012 -1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming Mars Pathfinder
missions.
Tom Rivellini - Engineer Airbag Subsystem
Audience: Resource Site: TV Studio
Client: Michelle Johnson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/07/1995 - 0:30:00 Producer: McNevin

SRC-000013 -1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming Mars Pathfinder
missions.
Bob Haberle - Research Scientist Ames Research Center
Audience: Resource Site: TV Studio
Client: Michelle Johnson

Master: BCAMsp
Audio 1: mono 2:
10/18/1995 - 0:20:00 Producer: McNevin

SRC-000014 -1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming Mars Pathfinder missions.
Jeff Barnes - Oregon State Univ. Pathfinder ASI Team
Audience: Resource Site: TV Studio
Client: Michelle Johnson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/18/1995 - 0:30:00 Producer: McNevin

SRC-000015 -1/1 **Mars Interviews for Pathfinder & future missions**
Interviews shot in studio for upcoming Mars Pathfinder missions.
Al Seiff - San Jose State Univ. Sr. Research Scientist of Meteorology
James Tillman - Univ. of Wash.
Audience: Resource Site: TV Studio
Client: Michelle Johnson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/18/1995 - 1:01:18 Producer: McNevin

SRC-000016 -1/1 **Ulysses' Cometary Plasma Tail Animation**
This animation shows a "disconnection event", which happens when a comet's plasma tail (the blue) drops off as it travels near to the sun. Ulysses is designed to study charged particles radiating from the sun and their impact on comets returning to the solar system.
Audience: Resource
Client: Diane Ainsworth
Master: BCAMsp
Audio 1: Silent 2: Silent
03/14/1997 - 0:00:17 Producer: Savona

SRC-000017 -1/1 **Mars Meteorite Presentation and Animation**
Mars Animation and Close up of rock in lab
Audience: NASA Resource Site: # JSC1595
Client:
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
05/06/1997 - 0:13:00 Producer: JSC

- SRC-000018 -1/1 **Viking Facilities and Activities at Kennedy Spaceflight Center**
(Film to tape transfer)
A series of 10 to 15 second clips of locations around Kennedy following the activities Viking spacecraft prior to launch. Tape ends with footage of the launch of Viking aboard a Titan rocket. (NO SOUND)
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Silent 2: Silent
05/06/1997 - 0:20:00 Producer: KSC
- SRC-000019 -1/4 **Cassini Spacecraft Move Ground Shots**
Various angles and shots of the move.
Audience: Resource Site: JPL
Client:
Master: BCAMsp
Audio 1: Wild trk. 2: Wild trk.
07/14/1995 - 0:14:09
- SRC-000019 -2/4 **Cassini Spacecraft Move Ground Shots**
Various angles and shots of the move.
Audience: Resource Site: JPL
Client:
Master: BCAMsp
Audio 1: Wild trk. 2: Wild trk.
07/14/1995 - 0:00:00
- SRC-000019 -3/4 **Cassini Spacecraft Move Above Shots**
Various angles and shots of the move.
Audience: Resource Site: JPL
Client:
Master: BCAMsp
Audio 1: Wild trk. 2: Wild trk.
07/14/1995 - 0:23:39
- SRC-000019 -4/4 **Cassini Spacecraft Move Above Shots**
Various angles and shots of the move.
Audience: Resource Site: JPL
Client:
Master: BCAMsp
Audio 1: Wild trk. 2: Wild trk.
07/14/1995 - 0:07:10
- SRC-000020 -1/1 **Cassini in 179 High Bay**
Audience: Resource Site: 179

Client:
Master: BCAMsp
Audio 1: Wild trk. 2: Wild trk.
12/12/1995 - 0:11:54

SRC-000021 -1/1 **Cassini Propulsion Mating**
Audience: Resource Site: 179
Client:
Master: BCAMsp
Audio 1: Wild trk. 2: Wild trk.
08/31/1996 - 0:31:06

SRC-000022 -1/1 **Cassini Antenna Mating in High Bay**
Audience: Resource Site: 179
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/14/1996 - 0:27:04

SRC-000023 -1/3 **Cassini Stacking**
Audience: Resource Site: 179
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/20/1996 - 0:30:23

SRC-000023 -2/3 **Cassini Stacking**
Audience: Resource Site: 179
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/20/1996 - 0:28:37

SRC-000023 -3/3 **Cassini Stacking**
Audience: Resource Site: 179
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/20/1996 - 0:28:06

SRC-000024 -1/2 **Cassini Preparation for Thermal Testing in Cleanroom**
Audience: Resource Site: 179
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/25/1996 - 0:30:50

SRC-000024 -2/2 **Cassini Preparation for Thermal Testing in Cleanroom**
Audience: Resource Site: 179
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/25/1996 - 0:31:00

SRC-000025 -1/1 **Cassini Shake Test**
Audience: Resource Site: 144
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/23/1996 - 0:27:05

SRC-000026 -1/1 **Cassini Blanket Attachment**
Audience: Resource Site: 144
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/10/1996 - 0:15:07

SRC-000027 -1/1 **Cassini Blanket Stitching and Interview**
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/19/1996 - 0:25:59

SRC-000028 -1/1 **Cassini Thermal Blanketing**
Audience: Resource Site: 144
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/19/1996 - 0:24:29

SRC-000029 -1/1 **Cassini Undraped**
Audience: Resource Site: 150
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/08/1997 - 0:20:09

SRC-000030 -1/1 **Cassini in Space Simulator (Sun Test Preparation)**
Audience: Resource Site: 144
Client:

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/16/1997 - 0:11:34

SRC-000031 -1/1 **Cassini in Thermal Vacuum Chamber (Phase 2)**
Audience: Resource Site: 150
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/30/1997 - 0:18:55

SRC-000032 -1/2 **Cassini Spacecraft Team Preship Interviews**
Gordon Cuculla
Mary Reaves
Bill Aragon
Dave Rice
Audience: Resource Site: Locations
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/12/1997 - 0:28:49

SRC-000032 -2/2 **Cassini Spacecraft Team Preship Interviews**
Julie Webster
Arden Acord
Nancy Grenarder
Greg LaBorde
Audience: Resource Site: Locations
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/12/1997 - 0:30:44

SRC-000033 -1/1 **Titan Cassini Propulsion Module being worked on SAEF 2**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/07/1997 - 0:02:00

SRC-000034 -1/1 **Titan Cassini Propulsion Module Unloaded at the SAEF 2**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/07/1997 - 0:02:00

SRC-000035 -1/1 **Cassini Probe Off Load from 747 Aircraft**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/07/1997 - 0:06:00

SRC-000036 -1/1 **Titan Cassini Huygens Probe PHSF**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/07/1997 - 0:06:00

SRC-000037 -1/1 **Cassini First Stage Erection at the VIB Cape Canaveral**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/14/1997 - 0:04:00

SRC-000038 -1/1 **Titan Cassini Second Stage Mated to First at the VIB Cape Canaveral**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/16/1997 - 0:07:00

SRC-000039 -1/1 **Cassini Spacecraft Departure from JPL to Edwards Air Force Base**
Audience: Resource Site: JPL and Edwards
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/19/1997 - 0:27:08

SRC-000040 -1/1 **Titan Cassini Leaving the SLF and Moved to the PHSF**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/21/1997 - 0:02:00

SRC-000041 -1/1 **Titan Cassini Uncrated and Put into the High Bay at PHSF**
Audience: Resource Site: KSC
Client:

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/22/1997 - 0:04:00

SRC-000042 -1/1 **Titan Cassini Antenna Uncrating at the PHSF**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/25/1997 - 0:09:00

SRC-000043 -1/1 **New X-33 Animation Video File**
1. New X-33 Animation
1a. X-33 Liquid Oxygen Tank
1b. Interview - Randell A. Tessin
2. Building A Shuttle
Audience: Resource Site: NASA TV
Client: Skip McNevin, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/08/1997 - 0:08:06 Producer: NASA TV

SRC-000044 -1/1 **Cassini Project: C-17 Upload**
Audience: Resource Site: Edwards
Client:
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/03/1997 - 0:21:00 Producer: Edwards Crew

SRC-000045 -1/3 **Cassini Project: C-17 Upload**
Audience: Resource Site: Edwards
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/19/1997 - 0:26:00 Producer: Edwards Crew

SRC-000045 -2/3 **Cassini Project: C-17 Upload**
Audience: Resource Site: Edwards
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/19/1997 - 0:20:00 Producer: Edwards Crew

SRC-000045 -3/3 **Cassini Project: C-17 Upload**
Audience: Resource Site: Edwards
Client:

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/20/1997 - 0:28:00 Producer: Edwards Crew

SRC-000046 -1/1 **K-33 Titan Vehicle Rollout from the VIB to the SMARF**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/15/1997 - 0:12:00

SRC-000047 -1/1 **K-33 Titan Cassini SRMU Core Vehicle Mate at the OPG/LV**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/16/1997 - 1:00:00

SRC-000048 -1/1 **K-33 Titan Cassini SRMU Core Vehicle Mate SMARF 020665-OPG/LV**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/17/1997 - 0:24:00

SRC-000049 -1/1 **K-33 Titan Cassini RSB Installation at the PHSF**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/22/1997 - 0:04:00

SRC-000050 -1/1 **K-33 Titan Cassini Propulsion Unit move from SAEF II to PHSF**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/27/1997 - 0:03:00

SRC-000051 -1/1 **K-33 Titan Cassini Rollout to Launch Complex**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/30/1997 - 0:07:00

- SRC-000052 -1/1 **K-33 Titan Cassini Antenna Installation at PHSF**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/07/1997 - 0:02:00
- SRC-000053 -1/1 **1998 Mars Surveyor Lander Landing**
Radar Drop Test Footage.
Audience: Resource
Client: MSP, Org. 4900
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/14/1997 - 0:03:40
- SRC-000054 -1/1 **1998 Mars Surveyor lander Landing**
Leg Deployment and Drop Test Footage.
Audience: Resource
Client: MSP
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/16/1997 - 0:27:48 Producer: Lockheed Martin
- SRC-000055 -1/1 **K-33 Titan Cassini RTG's**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/17/1997 - 0:01:10
- SRC-000056 -1/1 **Titan K-33 Cassini Forward Shield Installation on Probe**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/20/1997 - 0:05:00
- SRC-000057 -1/1 **K-33 Titan Cassini Centaur Erection**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/20/1997 - 0:05:00
- SRC-000058 -1/1 **K-33 Titan Cassini Aft Cone Installation on Probe**
Audience: Resource Site: KSC

Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/23/1997 - 0:05:00

SRC-000059 -1/1 **K-33 Titan Cassini Lift of Propulsion Module and Mate**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/27/1997 - 0:06:00

SRC-000060 -1/1 **K-33 Titan Cassini Propulsion Unit Mated with Inst. and Antenna**

Audience: Resource Site: KSC
Client:
Master: BCAMsp Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
07/03/1997 - 0:05:00

SRC-000061 -1/1 **K-33 Titan Cassini Optical Sensing Platform Mate to Spacecraft**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/09/1997 - 0:04:00

SRC-000062 -1/1 **K-33 Titan Cassini Moved in Hi-Bay, Uncovered**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/09/1997 - 0:02:00

SRC-000063 -1/1 **K-33 Titan Cassini Huygens Probe Heat Shield Installation**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/10/1997 - 0:05:00

SRC-000064 -1/1 **K-33 Titan Cassini Lift and Mate as the PHSF**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/22/1997 - 0:12:00

- SRC-000065 -1/1 **K-33 Titan Cassini Lifting Module into Stand at the PHSF**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 02/27/1997 - 0:24:00
- SRC-000066 -1/1 **B-Roll - Red Rivers in the Sun (SOHO); Earth's Measuring Up**
 Scientist discovered "rivers" of plasma flowing on the Sun's surface - while working with data from NASA and ESA's Solar Heliospheric Observatory (SOHO) spacecraft.
 1: Plasma Rivers Run Swiftly Inside the Sun
 1a: Layers under the Sun animation
 1b: SOHO animation
 1c: Sun spots (animated data)
 1d: Solar hiccup (animated data)
 1e: Interview - Dr. Craig Deforest, Resident Observer, Stanford University
 2: Earth's Energy Balance
 Audience: Resource
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 08/29/1997 - 0:02:13 Producer: NTV
- SRC-000067 -1/1 **RTG'S in Storage, Move to PHSF, Fit Check**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 / / - 0:10:00
- SRC-000068 -1/1 **K-33 Titan Cassini RTG Fit Check in PHSF**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 07/18/1997 - 0:05:00
- SRC-000069 -1/1 **K-33 Titan Cassini RTG Fit Check and Removal at the PHSF**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix

07/19/1997 - 0:05:00

SRC-000070 -1/1 **K-33 Titan Cassini Bag and Prep to Move**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/25/1997 - 0:05:00

SRC-000071 -1/1 **K-33 Titan Cassini Moved from the PHSF to Pad 40 Cape Canaveral**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/27/1997 - 0:06:00

SRC-000072 -1/1 **K-33 Titan Cassini Interviews at the PHSF**
Edited B-roll in front of Cassini:
1. Charlie Kohlhase
2. Richard Spehalski
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/22/1997 - 0:07:40 Producer: KSC

SRC-000073 -1/1 **K-33 Titan Cassini Press Showing at the PHSF**
B-roll of Cassini:
1. Shots of Cassini
2. Richard Spehalski and Charlie Kohlhase giving
presentation on the signature disk.
3. Mounting the disk on Cassini.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/22/1997 - 0:06:00 Producer: KSC

SRC-000074 -1/1 **K-33 Titan Cassini Lift to Transporter at the PHSF**
edited B-roll
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/22/1997 - 0:03:00

- SRC-000075 -1/1 **Mars Global Surveyor - Orbit Insertion & Aerobraking Animation**
 For release during MOI on September 11, 1997.
 Audience: Resource
 Client: Glenn Cunningham
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 09/19/1997 - 0:02:38 Producer: Savona
- SRC-000076 -1/1 **Space Interferometry Mission (SIM) & Origins Animations**
 All are animations, unless specified. 1-SIRTF :24 2-SIM
 Deployment :353-SIM Starlight Processing :26
 4-NGST :47 5-TPF (Virtual Baseline) :24
 6-TPF (Fixed Baseline) :17
 7-Keck Interferometer B-roll :17
 8-Nulling of Starlight :12
 Audience: Resource
 Client: Dr. Firouz Naderi
 Master: BCAMsp Submaster: DVCPRO25
 Audio 1: Silent 2: Silent
 01/20/1998 - 0:05:00 Producer: Savona
- SRC-000077 -1/1 **A Tour of the Solar System Animation**
 A computer-generated flight through the planets.
 25, 35 and 45 second durations
 Created by Dana Berry at Tufts University, he can be reached
 at (617) 628-5000, x5673
 Audience: Resource
 Client:
 Master: BCAMsp Submaster: DVCPRO25
 Audio 1: Silent 2: Silent
 01/22/1998 - 0:03:45 Producer: Savona
- SRC-000080 -1/1 **Cassini Launch ISO camera recordings**
 Cassini Launch ISO camera recordings in von Kármán
 Auditorium Camera 3 view
 Audience: Gen. Resource Site: vK
 Client: PIO
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/15/1997 - 0:30:00 Producer: Hanchett
- SRC-000081 -1/1 **Cassini Launch ISO camera recordings**
 Cassini Launch ISO camera recordings in SFOF Balcony view.
 Right channel audio - natural sound
 Left Channel audio - Cassini Coord Net
 Audience: JPL Resource Site: SFOF

Client: PIO
Master: sVHS
Audio 1: Mono mix 2: Mono mix
10/15/1997 - 1:16:00 Producer: Hanchett

SRC-000082 -1/1 **Cassini Launch ISO camera recordings**
Cassini Launch ISO camera recordings in SFOF Floor camera view.
Right channel audio - natural sound
Left Channel audio - Cassini Coord Net
Audience: JPL Resource Site: SFOF
Client: PIO
Master: sVHS
Audio 1: Mono mix 2: Mono mix
10/15/1997 - 2:00:00 Producer: Hanchett

SRC-000083 -1/3 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Audience: Resource
Client: DeJong
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 0:03:30 Producer: Beck

SRC-000083 -2/3 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Audience: Resource
Client: DeJong
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 0:01:30 Producer: Beck

SRC-000083 -3/3 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.

Audience: Resource
Client: DeJong
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 0:00:40 Producer: Beck

SRC-000084 -1/2 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Audience: Resource
Client: DeJong
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 0:00:00 Producer: Beck

SRC-000084 -2/2 **Mars Pathfinder Press Release Images**
Contains images of Mars taken by the IMP camera on the Mars Pathfinder Lander. May also contain some animations, movies showing Rover moving about, or images from the Rover Sojourner's camera. This tape contains only those images released for press coverage on the date specified above.
Audience: Resource
Client: DeJong
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 0:01:50 Producer: Beck

SRC-000085 -1/1 **Mars Pathfinder Press Release Images for 7/6/1997**
Contains images (B&W) of Mars taken by the IMP camera on the Mars Pathfinder Lander.
1:10 Title
1:20 Pan & scan to the left & to the right.
5:08 Still images from the pan & scan.
7:55 Sequence of images of the Sojourner coming down the ramp. Repeated five times.
Audience: Resource
Client: DeJong
Master: BCAMsp
Audio 1: Silent 2: Silent
07/06/1997 - 0:07:29 Producer: Beck

SRC-000086 -1/1 **Magellan Pre- and Deploy from STS-30**
Audience: Resource Site: STS-30

Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/05/1989 - 0:15:00 Producer: JSC

SRC-000087 -1/1 **Titan K33 Cassini Probe Removal and Heat Shield Disassembly**

Audience: Resource
Client: KSC
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/08/1997 - 0:06:00

SRC-000088 -1/1 **Titan K33 Cassini Move to PHSF - Cassini Demate and Cover Removal**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/07/1997 - 0:23:00

SRC-000089 -1/1 **K-33 Titan Cassini Front Shield Assembly**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/09/1997 - 0:07:00

SRC-000090 -1/1 **K-33 Titan Cassini Probe Rework**

Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/10/1997 - 0:02:15

SRC-000091 -1/1 **Titan K-33 Cassini Huygens Heatshield Installation**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/11/1997 - 0:05:00

SRC-000092 -1/1 **Titan K-33 Cassini Probe Installation at PHSF**

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/13/1997 - 0:11:00

- SRC-000093 -1/1 **Titan K-33 Cassini Hoist on Transporter & Bag & Hardcover Installation**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 09/14/1997 - 0:22:00
- SRC-000094 -1/1 **Titan K-33 Cassini Mate**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 09/16/1997 - 0:12:00
- SRC-000095 -1/1 **Titan K-33 Cassini after Huygens Repairs**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 09/17/1997 - 0:02:00
- SRC-000096 -1/1 **K-33 Titan Cassini Pre-Launch Activities at Launch Complex 40**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/13/1997 - 0:07:00
- SRC-000097 -1/1 **K-33 Titan Cassini Launch Activities**
 Audience: Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/15/1997 - 0:06:00
- SRC-000098 -1/1 **Galileo Flyby of the moon Io Animation**
 The original generation is a revised version created by Dana Berry for the Galileo project, he can be reached at (617) 628-5000 x5673.
 Audience: Resource
 Client:
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 01/22/1998 - 0:00:35

- SRC-000099 -1/1 **Tropospheric Emission Spectrometer (TES) Configuration Animation**
 Animation showing the TES configuration and assembly sequence as of February 1998. Simplified drawings of the main components are graphically "flown in" and placed into their configuration.
 TES is scheduled for the EOS Chemistry Platform, Launching in 2002.
 Audience: Resource
 Client: Keith English
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 02/12/1998 - 0:06:52 Producer: Eng. Animation Inc.
- SRC-000100 -1/1 **AIRSAR Reveals Angkor**
 The following radar view of the ancient city of Angkor in northern Cambodia was generated entirely from data collected in December 1996 by NASA/JPL'S AIRSAR radar system, which flies on a NASA DC-8 aircraft. The radar images seen in false color match radar wavelengths for red, green & blue.
 Audience: Resource
 Client: Tony Freeman
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 03/03/1998 - 0:03:27 Producer: Savona
- SRC-000101 -1/1 **Europa Orbiter Animation**
 This computer animation shows NASA's Europa Orbiter scheduled for 2003 launch. Spacecraft is shown orbiting around Jupiter's moon Europa using radar sounder equipment to search for liquid water under the icy crust.
 Audience: Resource
 Client: Brewster/Platt
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Silent 2: Silent
 03/05/1998 - 0:00:30 Producer: Savona
- SRC-000102 -1/1 **Keck Observatory Source Compilation**
 Footage shot by the W.M. Keck Observatory at 65-1120 Mamalahoa Hwy., Kamuela, HI 96743 phone(808)885-7887 fax (808)885-4464
 Audience: Gen. Edu. JPL NASA News Resource Site: KeckObs.,Hawaii
 Client: S. Zeluck, Org. 1810
 Master: BCAMsp Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 04/07/1998 - 1:00:00 Producer: Andrew Perala

- SRC-000103 -1/1 **MGS: Image of the Cydonia Region taken 4/14/98**
 Image of Mars centered at 40.84 degrees N, 9.980 W, sometimes referred to as the "City." Taken on 4/14/98
 Audience: JPL Resource Site: JPL
 Client: S.Chavez/MRO
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/14/1998 - 0:00:41 Producer: JPL/MIPL
- SRC-000104 -1/1 **Solar System Formation Animation**
 Animation depicts the creation of a solar system from a swirling disk of interstellar gas and dust to a fully formed system containing a star and several orbiting planets.
 Audience: JPL Resource
 Client: M.Werner/S.Chavez MRO
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Silent 2: Silent
 04/17/1998 - 0:04:36 Producer: Jeff Alu
- SRC-000105 -1/1 **MGS Images: taken 3/11/98**
 Images of the Martian terrain taken by MGS on 3/11/98.
 Audience: JPL Resource Site: JPL
 Client: S.Chavez/MRO
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 03/11/1998 - 0:08:09 Producer: JPL/MIPL
- SRC-000106 -1/1 **QuickSCAT Animation**
 Audience: JPL Resource
 Client: M. Hardin / MRO, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/13/1998 - 0:01:15 Producer: Ball Industries
- SRC-000107 -1/1 **Chuck Berry live on the steps of Building 180**
 Chuck Berry live on the steps of Building 180 in celebration of the end of the Voyager Mission. Live shots by Gregg Hanchett.
 Audience: Resource Site: JPL 180 steps
 Client:
 Master: M-II Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 *AUDIO DISTORTED!
 08/27/1989 - 0:17:40 Producer: Hanchett

- SRC-000108 -1/1 **DS-4/Champeleon Comet Approach and Anchoring Animation**
 animation runs 3 times on tape
 Audience: Resource Site: Studio 3DMax
 Client: MedRel, Org. 181
 Master: BCAMsp
 Audio 1: silent 2: silent
 preliminary
 06/15/1998 - 0:03:24 Producer: Don Jacobs
- SRC-000109 -1/2 **Cassini Mural at the Academia de Arte Yepes - Raw Footage**
 Various shots of Cassini Mural
 Audience: Resource
 Client: PIO
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/04/1995 - 0:19:33 Producer: Beck
- SRC-000109 -2/2 **Cassini Mural at the Academia de Arte Yepes - Raw Footage**
 Various shot of students painting Cassini Mural
 Audience: Resource
 Client: PIO
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/04/1995 - 0:00:00 Producer: Beck
- SRC-000110 -1/1 **Cassini Flyby Composite Tape**
 B roll material of Cassini
 Interview with Dr. Otto Raabe
 Interview with Bob Mitchell
 Audience: Resource
 Client: NASA HQ
 Master: BCAMsp Submaster: DVCPRO25
 Audio 1: Mono mix 2: Mono mix
 06/23/1998 - 0:25:00 Producer: Mary Beth Murrill
- SRC-000111 -1/1 **Simulated Asteroid Encounter with Earth**
 Solar System Visualization Project
 1997 BR Case Study. This animation displays the impact prediction uncertainty of an asteroid discovered six months prior to colliding with Earth. The simulated impact trajectory of the asteroid was obtained by modifying the orbit of the asteroid 1997 BR which passed within 8M miles of the Earth in July 1997. The trajectory of an asteroid is based on a limited set of observations and is never known exactly.

Audience: Resource Site: DIAL LAB/JPL
Client: Eric De Jong, Org. 3233
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/17/1998 - 0:02:41 Producer: Eric De Jong

SRC-000112 -1/1 **Delta II/Mars Pathfinder Launch**
NASA video release KSC-TV Date 4/10/98
Final assembly in bay
Pre-launch activity at KSC
Night launch coverage from countdown to end of visual coverage.
Delta II/Mars Pathfinder Launch
Audience: Resource
Client: NASA
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/01/1998 - 1:17:00 Producer: Savona

SRC-000113 -1/1 **Cassini Testing - Raw Footage Compilation**
Cassini in bldg. 179 high bay, 12/12/95.
Cassini in bldg. 144 shake test on 1/8/96.
Scenes from bldg. 230, darkroom on 1/12/96.
Scenes in Mission Image Processing Laboratory (MIPL) on 1/18/96.
Audience: Resource Site: JPL
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/16/1996 - 0:30:00

SRC-000114 -1/1 **SRTM Boom Deployment at AECable Co.in Goleta 7/8/98**
Deployment of the 200' long SRTM boom assembly
Interviews with Dr. Mike Kobrick of JPL, Dr. Tom Carson
Project Manager of SRTM within NIMA and Gen. James C. King
Director of NIMA.
"B" Roll footage of antenna deployment.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/09/1998 - 0:48:00

SRC-000115 -1/1 **SRTM Boom Deployment Original Footage**
SRTM Boom deployment at AECable Co. in Goleta on Wednesday 7/9/98. Video of actual deployment and reaction of

observers, Dr. Stone, Larry Dumas and Gen. James King of NIMA.

Audience: Resource

Client: Mary Hardin

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/09/1998 - 0:22:00 Producer: Dawson/Chavez

SRC-000116 -1/1

SRTM Boom Deployment Interviews

Interview with Gen. James King Director of NIMA

Interview with Dr. Tom Carson Project Manager of SRTM within NIMA.

Elements of "B" roll coverage.

Audience: Resource

Client: Mary Hardin

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/09/1998 - 0:22:00 Producer: Dawson/Chavez

SRC-000117 -1/1

Galileo - Rings of Jupiter Animation

Used for news conference originating from Cornell University. With descriptive text.

Starts with a view of Io, camera rises above revealing Jupiter with a wispy ring. We fly in above Jupiter and then down into the ring toward Amelthea. Ending with Amelthea.

Audience: Resource

Client:

Master: BCAMsp

Audio 1: Silent 2: Silent AVC-1998-174

09/15/1998 - 0:05:09 Producer: SSV - De Jong

SRC-000118 -1/1

SRTM Deployed with White Background

9/8/98 SRTM deployed against white background.

Audience: Resource

Client: Hardin

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/08/1998 - 0:20:00 Producer: Dawson

SRC-000119 -1/1

Voyager Animations Compilation for "And Then There Was Voyager"

Animations and Movies used in AVC-1990-182.

05:45 Voyager at Saturn flyby

08:11 Voyager Saturn ring crossing star detection

09:00 Scanning window by instruments

09:41 Satellite imaging, frame overlays

10:19 Jupiter flyby sequences w/satellites

16:58 Jupiter magnetic torus, fields & Solar wind
18:36 Uranus magnetic field
23:12 VGR 2 Uranus encounter sequences
27:52 View of Saturn from satellite
30:30 Trajectories for Voyager 1 & 2
31:43 View of Jupiter from Ganymede
32:27 Jupiter flyby
The following are made from Voyager images:
34:21 Jupiter Rotation Movie
35:26 Jupiter Zoom, red spot
37:16 Winds of Jupiter
39:00 Saturn approach movie
40:05 Saturn rotation movie
41:37 Saturn spoke (rings) movie
42:40 Uranus 8-frame orange movie
43:00 Miranda The Movie (with narration)
45:00 Io plume sequences from images & animation
49:21 Fly Neptune sequences
52:49 Jupiter cloud animation from Voyager 2 images
53:44 Voyager looking back at Sun
54:22 Voyager moving back and forth in front of star field
55:00 End
Audience: Resource
Client: Hardin
Master: 1"C Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix 1990-182
Silent except Miranda the Movie
01/01/1990 - 0:55:00

SRC-000120 -1/1

Deep Space 1 Arrival at the PHSF

NASA's Deep Space 1 spacecraft, designed to validate 12 new technologies for scientific space missions of the next century, has arrived at the Kennedy Space Center to begin pre-launch processing. Deep Space 1 will be launched aboard Boeing's Delta 7326 rocket. This is the first flight in NASA's New Millennium Program.

The spacecraft is being processed in NASA's Payload Hazardous Servicing Facility (PHSF) located in the KSC Industrial Area. Among the processing activities to be performed are the attachment to the spacecraft bus of the Plasma Experiment for Planetary Exploration (PEPE) instrument and the attachment of the solar arrays, each of which is among the dozen new technologies being tested on Deep Space 1.

Audience: Resource

Site: KSC

Client: Jurrie/MRO, Org. 1810

Master: BCAMsp Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
08/17/1998 - 0:03:15

SRC-000121 -1/1 **Delta Fairing Installation for Deep Space 1 at Launch Complex 17A**

Audience: Resource Site: KSC
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/15/1998 - 0:05:21

SRC-000122 -1/1 **Deep Space 1 First Stage Delta Erection at Launch Complex 17A**

Audience: Resource Site: KSC
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/11/1998 - 0:09:00

SRC-000123 -1/1 **Deep Space 1 "PEPE" Installation at the PHSF**

Audience: Resource Site: KSC
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/14/1998 - 0:05:44

SRC-000124 -1/1 **Deep Space 1 Solid Rocket Motor Erection at Launch Complex 17A**

Audience: Resource Site: KSC
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
09/17/1998 - 0:05:30

SRC-000125 -1/1 **Deep Space 1 Fueling Preps & Solar Panel Removal from Cargo Box**

Audience: Resource Site: KSC
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
09/17/1998 - 0:02:30

SRC-000126 -1/1 **Delta Deep Space 1 Solar Panel Installation at the PHSF**

Audience: Resource Site: KSC
Client: Jurrie/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/19/1998 - 0:09:00

- SRC-000127 -1/1 **Stardust Spacecraft Various Clips**
 Drop Test, Spin Test in Chamber/Clean Room Electronics Testing
 Audience: Resource Site: Lockheed Martin
 Client: Dawson/MRO
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 08/24/1998 - 0:24:37
- SRC-000128 -1/3 **Deep Space 1 Launch**
 Raw footage of Deep Space 1 control room at JPL during launch.
 Audience: Resource Site: bldg 230
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/24/1998 - 0:30:00 Producer: Beck
- SRC-000128 -2/3 **Deep Space 1 Launch**
 Part 2
 Audience: Resource Site: bldg 230
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/24/1998 - 0:30:00 Producer: Beck
- SRC-000128 -3/3 **Deep Space 1 Launch**
 Part 3
 Audience: Resource Site: bldg 230
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/24/1998 - 0:30:00 Producer: Beck
- SRC-000129 -1/2 **Deep Space 1 Ion Engine Start**
 Raw footage of Deep Space 1 control room at JPL during launch.
 Audience: Resource Site: bldg 230
 Client:
 Master: BCAMsp Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 11/10/1998 - 0:30:00 Producer: Beck
- SRC-000129 -2/2 **Deep Space 1 Ion Engine Start**
 Part 2 of 2
 Audience: Resource Site: bldg 230

Client:
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
11/10/1998 - 0:28:47 Producer: Beck

SRC-000130 -1/1 **Mars Climate Orbiter launch coverage of 264-231 Ops**
Mars Climate Orbiter(MCO) launch coverage of 264-231 Ops.
Surveillance camera setup in 264-231 to coincide with
NASA-TV launch of MCO. Charles Wetsel, Gene Brower, Sam
Thurman & Glenn Cunningham are principal participants.
Launch at 10:47 am which is Time of day time code.
Audience: Gen. Resource Site: 264-231
Client: Media Relations
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/11/1998 - 1:30:00 Producer: Borst

SRC-000131 -1/1 **Mars Climate Orbiter Launch - Short Version of AVC-1998-233**
Mars Climate Orbiter Launch Coverage via NASA-TV. Tape
starts at T-90 seconds. Spectacular launch camera on first
stage of rocket.
Audience: Resource Site: KSC
Client: PIO
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/15/1998 - 0:08:10 Producer: Borst

SRC-000132 -1/1 **Mariner IV Highlight Reel**
Launched November 28, 1964 on Atlas-Agena D. Encountered
Mars on July 14, 1965, with closest approach at 6,118 miles.
Transmitted 22 pictures. Managed by the Jet Propulsion
Laboratory (JPL) for NASA.
Audience: Resource
Client: McNevin, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/14/1965 - 0:30:00 Producer: McNevin

SRC-000133 -1/1 **Pluto/Neptune Orbital Paths Animation**
An animation illustrating where Pluto's orbit crosses
Neptune's. The high 17 degree inclination of Pluto's orbit
and its relative motion to Neptune are depicted to show
those times when Pluto is nearer to the Sun than Neptune,
and why those two planets will not collide.
Audience: Resource
Client:

Master: BCAMsp Submaster: DVCPro25
Audio 1: Silent 2: Silent
12/26/1998 - 0:02:39 Producer: Semerano

SRC-000134 -1/1 **Mars Pathfinder Testing in the JPL 25' Space Simulator - raw takes**

Raw footage showing the spacecraft illuminated by a simulated sun. Dramatic, with lens flare. Establishing shots, zooms and pans. Technician in white lab coat.
Audience: Resource Site: JPL bldg. 155
Client:
Master: BCAMsp
Audio 1: Mono 2: Mono
04/08/1996 - 0:08:56 Producer: Savona

SRC-000135 -1/1 **Dr. Lloyd French's Underwater Video**

Dub from S-VHS tape (a dub from Hi-8 original)
Undersea views of probe being placed in volcanic crack.
Audience: Resource
Client: French
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/08/1999 - 0:15:00 Producer: Dawson

SRC-000136 -1/2 **Mars Polar Lander L-1 Briefing & Rollout**

Mars Polar Lander L-1 Briefing & Rollout at KSC shot on HDCAM.
Audience: Resource Site: KSC
Client: PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
Shot 16:9 HDTV
01/03/1999 - 0:32:00 Producer: Borst

SRC-000136 -2/2 **Mars Polar Lander Launch and Blockhouse cheering**

Mars Polar Lander Launch and Blockhouse cheering at KSC shot on HDCAM.
Audience: Resource Site: KSC
Client: PIO
Master: HDCam
Audio 1: Mono mix 2: Mono mix
Shot 16:9 HDTV
01/03/1999 - 0:30:00 Producer: Borst

SRC-000143 -1/2 **Cassini Mural Unveiling Presentation**

Audience: Resource Site: von Kármán
Client:

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/06/1995 - 0:30:00 Producer: Beck

SRC-000144 -2/2 **Cassini Mural Unveiling Presentation**
Audience: Resource Site: von Kármán
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/06/1995 - 0:30:00 Producer: beck

SRC-000145 -1/1 **Cassini High Gain Antenna Attachment**
Audience: Resource Site: JPL Clean Room
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/25/1995 - 0:30:00 Producer: Beck

SRC-000154 -1/1 **Stardust Launch Audience Shots in von Kármán Auditorium.**
Handheld video shot before Stardust was postponed of the audience which consisted of friends and family and a class of inter city high school students.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/06/1999 - 0:16:28 Producer: Postell

SRC-000156 -1/2 **Stardust B-Roll & launch Coverage**
Educators being interviewed at KSC Visitor Center and L-1 Press Briefing. Panel includes: Dr. Carl Pilcher NASA Science Dir. NASA-HQ; Ray Lugo NASA launch Man. KSC; Rich Murphy Delta Mis. Flight Dir. Boeing; Dr. Kenneth Atkins Stardust Proj. Man. Miss. Dir. JPL; Dr. Joseph Vellinga Stardust Prog. Man. Lockheed Martin; Dr. Martha Hanner Stardust Science Team Leader JPL; Joel Tumbiolo Launch Weather Officer. Interviews with Hanner & Vellinga.
Audience: Resource Site: KSC
Client: Aimee Whalen
Master: HDCam Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
Shot 16:9 HDTV
02/05/1999 - 0:40:00 Producer: Borst

SRC-000156 -2/2 **Stardust B-Roll & launch Coverage**
Rollback of Gantry Feb. 6; Aborted launch Feb. 6; Real

Launch Feb. 7 and Control Room Cheers from Spacecraft separation and telemetry acquisition.

Audience: Resource Site: KSC

Client: Aimee Whalen

Master: HDCam Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

Shot 16:9 HDTV

02/06/1999 - 0:40:00 Producer: Borst

SRC-000157 -1/1

Stardust Launch - Short Version

Fifteen minute version of Stardust launch

Audience: Resource

Client: Stardust

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/08/1999 - 0:15:00 Producer: Dawson

SRC-000158 -1/1

B-Roll Footage of SRTM in 179 Hibay with Visiting Astronauts

Shots of the Shuttle Radar Topography Mission (SRTM) hardware in JPL's Spaceflight Assembly Facility. Included are mechanical engineer Howard Eisen and visiting astronauts Mamoru Mohri, National Space Development Agency of Japan (NASDA); Dominic Gorie, NASA STS-99 mission pilot; Dr. Janice Voss, NASA; Dr. Janet Kavandi, NASA; Gerhard Thiele, European Space Agency, and Kevin Kregel, NASA STS-99 mission commander.

SRTM consists of radar antennas that operate from the Shuttle to make a high-resolution digital topographic database of the Earth.

Audience: Resource

Site: 179-Hibay 1

Client: Eric DeJong

Master: HDCam

Audio 1: Mono mix 2: Mono mix

Shot 16:9 HDTV

02/17/1999 - 0:24:00 Producer: Borst

SRC-000170 -1/2

SRTM Compilation Tape 1

SRTM Compilation Tape-- (only VHS dubs)

*SRTM Mast Deployment 6/09/98 (15 min VHS)

*Ed Caro Video on Mast. 7/16/98 (16 min VHS)

Audience: Resource

Client: Mona Jasnow

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/22/1999 - 0:31:00 Producer: Greg Parrillo

- SRC-000170 -2/2 **SRTM Compilation Tape 2**
 SRTM Compilation Tape-- (only betacam tapes)
 ** A compilation of interviews, time lapsed footage, preparation & movement of spacecraft, astronaut & engineer footage and technical testing of various parts of the spacecraft.
 Audience: Resource
 Client: Mona Jasnow
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 07/22/1999 - 0:45:00 Producer: Greg Parrillo
- SRC-000171 -1/1 **Flyby of Mathilde and Eros**
 Animation taken from VHS videos of flybys of asteroids Mathilde and Eros.
 Original animations were not created at JPL.
 Audience: Resource
 Client: Ainsworth
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 07/22/1999 - 0:03:00 Producer: Beck/Dawson
- SRC-000173 -1/2 **Deep Sea Probe testing at Monterey Bay Aquarium**
 July 28 Media Day Test of Deep Sea Probe at Monterey Bay Aquarium. Interviews of Lloyd French. Shots thru tank glass of Probes' laser with divers.
 Audience: Resource Site: Monterey Bay
 Client: DeJong
 Master: HDCam Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 07/29/1999 - 0:39:00 Producer: Borst
- SRC-000173 -2/2 **Deep Sea Probe testing at Monterey Bay Aquarium**
 July 28 Night Test of Deep Sea Probe at Monterey Bay Aquarium. Interview of Lonnie Lane. Shots of Front of Aquarium and Bay. Night shots and pretty Bay shots with seals. Shot in 16x9 format.
 Audience: Resource Site: Monterey Bay
 Client: DeJong
 Master: HDCam Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 07/29/1999 - 0:34:00 Producer: Borst
- SRC-000174 -1/1 **Deep Space 1 Space Science Update Supporting Visuals**
 The following are animations: Looking back at Braille Encounter, Pre-Encounter Simulation, Trajectory Geometry,

Spinning Asteroid
and 10 stills that were used in the press briefing.
Audience: Resource
Client: Eric Dejong
Master: BCAMsp Submaster: DVCPPro25
Audio 1: Silent 2: Silent
08/03/1999 - 0:05:55 Producer: Savona

SRC-000175 -1/1 **Cassini Animations**
Cassini Spacecraft animations showing flybys of Venus,
Earth, Jupiter and the orbit insertion of Saturn. Also the
Cassini boom deployment and trajectories.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/12/1999 - 0:09:00 Producer: Semerano

SRC-000176 -1/1 **Shuttle Radar Topography Mission (SRTM) Interviews/"B-Roll"**
Raw interview footage of SRTM Team.
Thomas Farr, Wei Shen, Jeffrey Plaut, Howard Eisen, Michael
Koberick, Ed Caro, Louise Veilleux, Neil Herman, Ed Litty,
Goekjan Kayal
Audience: JPL Resource
Client: Diane Ainsworth, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/11/1999 - 1:45:00 Producer: Xaviant Ford

SRC-000179 -1/1 **SRTM Animation**
Animation depicts the deployment of SRTM from the Space
Shuttle.
Audience: Gen. JPL NASA Resource
Client: Dawson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/09/1999 - 0:04:05 Producer: SSV

SRC-000180 -1/1 **Mars Climate Orbiter Arrival at Mars Animation**
Animation of the Mars Climate Orbiter Arriving at Mars and
firing its main engine. Main engine burn will reduce the
speed of the spacecraft and allow it to enter an orbit
around Mars.
Audience: Resource
Client: Hardin
Master: BCAMsp Submaster: DVCPPro25

Audio 1: Silent 2: Silent
09/21/1999 - 0:03:20 Producer: DeJong

SRC-000181 -1/1 **MISR & ASTER Animations**
Two animations showing the operation of the MISR instrument aboard the Terra Spacecraft followed by four animations showing the operation of the ASTER instrument aboard the same spacecraft.
Audience: Edu. NASA News Resource
Client: Diner and Abrams
Master: BCAMsp Submaster: DVCPro25
Audio 1: silent 2: silent
09/25/1999 - 0:04:00 Producer: Semerano

SRC-000183 -1/1 **Galileo Fly-By of Io, Orbit I-24**
Tape is made up of 4 animations:
I-24 Spacecraft & Satellite Position
I-24 Closest Approach to Io
Pan of C-21 Io Mosaic
Simulated Prometheus Eruption
Animation dated Oct.7,1999
Audience: Resource
Client: Platt
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/06/1999 - 0:06:10 Producer: DeJong

SRC-000184 -1/1 **Galileo/Io Animations for SSU 11/19/99 - Final Version**
Pan of C-21 Io Mosaic
I-25 Closest Approach to Io
I-25 Spacecraft & Satellite Position
I-24 Spacecraft & Satellite Position
I-24 Closest Approach to IO
Animation by Eric DeJong/DIAL Lab
Audience: Resource
Client: Platt
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/19/1999 - 0:10:00 Producer: DeJong

SRC-000186 -1/1 **Deep Space 2 Assembly in Cleanroom**
Assembly in cleanroom of DS-2 probes, shows assembly and soldering. Video shot by Photo Lab #9810-09
Audience: Resource
Client: Hardin
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
10/28/1998 - 0:05:50 Producer: Dawson

SRC-000187 -1/1 **Visuals for the Space Science Update on Io/Galileo**
Volcanic Moon Io Mirrors Earth's Past. Visuals created for the Galileo/IO SSU held at Headquarters 11/19/99. Still images and a zoom into a volcanic plume. Tape illustrates several imaging technologies.
Audience: Resource
Client: Platt
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/17/1999 - 0:08:26 Producer: Dawson

SRC-000188 -1/1 **Mars Polar Lander Animation**
Showing Mars Polar Lander making a soft landing on the surface of Mars and beginning digging operations. Animated by Jeff Alu. Modeled by Corby Waste.
Audience: JPL Resource
Client: MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/29/1999 - 0:02:00

SRC-000189 -1/1 **Mars Polar Lander Pre-Landing Press Events B-Roll,(12/1/99-12/2/99)**
Shot 16:9 HDTV
Audience: JPL Resource
Client:
Master: HDCam Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/01/1999 - 0:40:00 Producer: Postell

SRC-000190 -1/1 **Mars Polar Lander Pre-Landing Press Events B-Roll, 12/02/99**
Shot 16:9 HDTV
Audience: JPL Resource
Client:
Master: HDCam
Audio 1: Mono mix 2: Mono mix
12/02/1999 - 0:40:00 Producer: Postell

SRC-000191 -1/1 **Mars Polar Lander Pre-Landing Press Events 12/2/99 & 12/3/99**
Control Room 12/3/99 up to 11:35 AM
B-Roll Footage
Shot 16:9 HDTV
Audience: JPL Resource Site: JPL
Client: MRO/Frank O'Donnell, Org. 1810

Master: HDCam
Audio 1: Mono mix 2: Mono mix
12/03/1999 - 0:40:00 Producer: Lindblom

SRC-000192 -1/1 **Mars Polar Lander Control Room, 12/3/99 (11:40 AM - 2:40 PM)**

Pre-landing B-roll, raw footage
Shot 16:9 HDTV
Audience: JPL Resource Site: JPL
Client: MRO/Frank/O'Donnell, Org. 1810
Master: HDCam Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/03/1999 - 0:40:00 Producer: Lindblom

SRC-000197 -1/1 **Mars Polar Lander Control Room, 12/3/99**

Through DS2 Midnight Pass
Shot 16:9 HDTV
Audience: JPL Resource Site: JPL
Client: MRO/Frank O'Donnell, Org. 1810
Master: HDCam Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/03/1999 - 0:40:00 Producer: Lindblom

SRC-000198 -1/1 **Zoom Into IO Animation**

Animation created for a talk Dr. Torrence Johnson is to give at the 1999 AGU Conference in San Francisco, California on Thursday, 12/16/1999. Image zoom/dollies from a full shot of Io to a B&W super of a gigantic volcanic hot spot. This B&W image becomes a color image.
Audience: JPL Resource
Client: Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/14/1999 - 0:01:20 Producer: Semerano

SRC-000200 -1/1 **Terra Spacecraft Launch Aboard an Atlas Launch Vehicle**

Terra Spacecraft with two JPL instruments, MISR and ASTER, successfully launched. Recorded off NASA TV.
Audience: Resource
Client: Dave Diner
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/18/1999 - 0:37:37 Producer: Semerano

SRC-000201 -1/1 **ACRIMSAT Launch coverage from Vandenberg AFB**

Korean Launch coverage of ACRIMSAT (Active Cavity Radiometer Irradiance Monitor) from Vandenberg AFB. Starts at minus 7

minutes to +3 minutes.

Audience: Gen. Resource

Site: NASA TV

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/20/1999 - 0:10:00

SRC-000202 -1/1

Galileo Shake Test - Test #77

Film transfer.

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: 2:

02/27/1992 - 0:20:50

SRC-000203 -1/1

Visualization of Dynamic Volcanic Processes

The Advance of Lava Flows in the Kamoamo Flow Field, Kilauea Volcano, Hawaii. The two animations were created from airborne multispectral scanner data collected over the Kamoamo Flow Field of Kilauea Volcano between September 3 and September 17, 1995. At that time new surface flows were advancing down the flow field en route to the Pacific Ocean. Our animations, which depict the motion of these flows, were created from sequence of ten multispectral images.

Commercial, off the shelf software was used to interpolate the positions of the lava flows in the intervals between the dates covered by the ten multispectral images and render an animated perspective view of the flow field and active lava flows. Animation is an effective tool for visualizing time series data sets. Such data will become more commonplace in the era of NASA's Earth Observing System (EOS) missions.

Audience: JPL Resource

Site: Hawaii

Client: Steven L. Adams

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/17/1990 - 0:04:35

SRC-000204 -1/1

Deep Impact Encounter Animation (Revised 8/23/00)

Animation showing trajectory, impactor release, correction towards a comet, impact with comet and flyby of spacecraft photographing result.

Audience: Gen. Edu. JPL NASA News Resource

Client: Rountree-Brown

Master: BCAMsp Submaster: DVCPro25

Audio 1: Silent 2: Silent

01/26/2000 - 0:01:20 Producer: Semerano

- SRC-000205 -1/1 **SIRTF Animations**
A series of animations showing the SIRTF spacecraft orbiting the sun, imaging the Orion constellation, imaging planets around a distant star, with a cut-away depicting how the telescope is cooled, and with Earth in background.
Note: Renamed "The Spitzer Space Telescope"
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Silent 2: Silent
01/26/2000 - 0:02:30 Producer: Semerano
- SRC-000207 -1/2 **STS-99 SRTM Boom Mast Deploy**
STS-99 SRTM (Shuttle Radar Topography Mapper) Boom Mast Deployment. Tape 1 contains live coverage of the mast extending from the canister. Deployment lasts 20 minutes.
Audience: Resource
Client: Mona Jasnow
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/11/2000 - 0:30:00
- SRC-000207 -2/2 **STS-99 SRTM Boom Mast Deploy**
STS-99 SRTM(Shuttle Radar Topography Mapper) Boom Mast Deployment. Tape 2 contains live coverage of the unfurling of the radar mast.
Audience: Resource
Client: Mona Jasnow
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/11/2000 - 0:30:00
- SRC-000208 -1/2 **TOPEX/Poseidon Launch on Ariane V52P**
TOPEX/Poseidon was launched into Earth's orbit by an Ariane V52P rocket from the European Space Agency's Space Center located in Kourou, French Guiana -- the first launch of a NASA payload from this site.
Audience: Resource
Client:
Master: BCAM
Audio 1: Mono mix 2: Mono mix
PAL format
08/10/1992 - 0:30:00 Producer: ESA
- SRC-000208 -2/2 **TOPEX/Poseidon Launch on Ariane V52P**

Part 2 of 2.
Audience: Resource
Client:
Master: BCAM
Audio 1: Mono mix 2: Mono mix
PAL format
08/10/1992 - 0:20:00 Producer: ESA

SRC-000209 -1/3 **STS-99 SRTM Flight Day Highlights Days 1-5**
Various Astronaut shots and animations regarding the Shuttle Radar Topography Mission (SRTM). Contains launch of shuttle and deployment of mast. Shuttle launched 2/11/00
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/16/2000 - 1:20:00 Producer: JSC

SRC-000209 -2/3 **STS-99 SRTM Flight Day Highlights Days 6-9**
Various Astronaut shots and animations regarding the Shuttle Radar Topography Mission (SRTM).
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/16/2000 - 1:21:00 Producer: JSC

SRC-000209 -3/3 **STS-99 SRTM Flight Day Highlights Days 10-11**
Various Astronaut shots and animations regarding the Shuttle Radar Topography Mission (SRTM). Contains retraction of boom and shuttle landing. Shuttle landed on 2/22/2000.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/16/2000 - 0:38:50 Producer: JSC

SRC-000210 -1/1 **MGS South Polar Cap Mosaics - Video File**
Mosaic images of the Martian South Polar Caps taken by the Mars Global Surveyor (MOC2-223). Images show the exotic, layered terrain thought to be made up of carbon dioxide, water and fine dust.
Audience: News Resource
Client: Mary Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

04/07/2000 - 0:01:06 Producer: Semerano

SRC-000211 -1/1 **SRTM Simulated Flight Along the Garlock and San Andreas Faults, CA.**

This Shuttle Radar Topography Mission (SRTM) computer animation begins looking down on a region of California located East of Bakersfield and West of Lancaster and Palmdale. North is approximately to the right of the frame. The San Gabriel & Tehachapi Mountains form an inverted "V" frame. A radar derived digital elevation map and a high resolution Thematic Mapper (TM) image enable us to create two simulated flights; one along the Garlock and the other along the San Andreas Fault. We end each flight at Mount Pinos. The SRTM elevation map identifies the height of 1.5 to enhance small scale features. The natural color of the terrain is created by combining several TM image bands.

Audience: Resource

Site: JPL/DIAL

Client: Shigeru Suzuki

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/20/1900 - 0:02:38 Producer: DeJong

SRC-000213 -1/1 **The 1999 Hurricane Season Observed by QuikSCAT**

Visualization of QuikSCAT data including 1999 hurricanes Bret, Cindy, Dennis, Greg, Floyd, Gert, Hilary, and Harvey created by authors:

W. Timothy Liu, Hua Hu, Wenging Tang

Audience: News Resource

Site: FTP(Quicktime)

Client: Hua Hu

Master: BCAMsp

Audio 1: silent 2: silent

07/17/2000 - 0:03:17 Producer: Hanchett

SRC-000214 -1/1 **Mars 2003 Spacecraft Trajectory Paths**

Short animation showing trajectory paths of the two Mars Lander spacecrafts scheduled for launch in 2003. View is from north of the ecliptic looking down.

Audience: News Resource

Client: Mary Hardin

Master: BCAMsp

Audio 1: silent 2: silent

08/06/2000 - 0:00:30 Producer: Semerano

SRC-000216 -1/1 **Deep Impact ICON Animation**

Animation showing trajectory of the Deep Impact Mission.

Audience: Resource

Client: Rountree-Brown
Master: BCAMsp
Audio 1: Silent 2: Silent
08/23/2000 - 0:01:00 Producer: Semerano

SRC-000218 -1/1

LASR Animation

A computer animation showing the deployment of the Large Aperture Spaceborne Radar (LASR). LASR is a system of autonomous antenna panels that together constitute a scalable wide bandwidth radar as well as spacecraft. The autonomous panels of the LASR design are completely self-contained.

Audience: Tech. Resource Site: JPL
Client: Suzanne Spitz
Master: BCAMsp
Audio 1: Silent 2: Silent
08/26/2000 - 0:02:49 Producer: Semerano

SRC-000219 -1/1

Shuttle Radar Topography Mission (SRTM) flyover of New York

A narrated simulated flight from Syracuse, New York to Manhattan using SRTM C-band topography and Thematic Mapper imagery.

Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/26/2000 - 0:02:20 Producer: De Jong

SRC-000220 -1/1

Gamma-Ray Large Area Space Telescope

Animation of the Gamma-Ray Large Area Space Telescope unfolding its solar panels and extending its antenna while in orbit around Earth

Audience: Resource
Client:
Master: BCAMsp
Audio 1: Silent 2: Silent
09/29/2000 - 0:00:30 Producer: Semerano

SRC-000221 -1/1

GALEX Telescope

B-Roll of the GALEX Telescope in Bldg 306 low bay clean room.

Audience: Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/27/2000 - 0:14:00 Producer: Semerano

- SRC-000222 -1/1 **STS-99 SRTM Image Data Dub Room in the Material Processing Lab.**
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/07/2000 - 0:03:00 Producer: Johnson Controls, Inc
- SRC-000226 -1/1 **DSS 14-Mars Station 64-meter Antenna Construction Time Lapse Film**
Time lapse of the construction from the ground up. The Deep Space Network (DSN) Antenna is located at Goldstone, California. The Antenna was upgraded to 70 meters in 1988
Audience: Resource Site: Goldstone CA
Client: Shirley Wolff, Org. 1830
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Silent 2: Silent
01/01/1966 - 0:03:39
- SRC-000229 -1/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
HDTV 1080i raw takes.
Dr. Edward Stone, Director of the Jet Propulsion Laboratory (JPL), Jan. 1991-Apr. 2001, talks about his career. Casual interview, shot in his office at JPL.
Audience: Resource Site: Stone's Office
Client: B. Baggett, Org. 1800
Master: HDCam
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:28:38 Producer: Bridges
- SRC-000229 -2/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 2 of 4
Audience: Resource Site: Stone's Office
Client: B. Baggett, Org. 1800
Master: HDCam
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:29:31 Producer: Bridges
- SRC-000229 -3/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 3 of 4
Audience: Resource Site: Stone's Office
Client: B. Baggett, Org. 1800
Master: HDCam
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:28:50 Producer: Bridges
- SRC-000229 -4/4 **Dr. Edward Stone Interviewed by Blaine Baggett**

Part 4 of 4
Audience: Resource Site: Stone's Office
Client: B. Baggett, Org. 1800
Master: HDCam
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:20:00 Producer: Bridges

SRC-000230 -1/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Betcam SP raw takes.
Dr. Edward Stone, Director of the Jet Propulsion Laboratory (JPL), Jan. 1991-Apr. 2001, talks about his career. Casual interview, shot in his office at JPL.
Audience: Resource Site: Stone's Office
Client: Blaine Baggett, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:28:38 Producer: Bridges

SRC-000230 -2/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 2 of 4
Audience: Resource Site: Stone's Office
Client: Blaine Baggett, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:29:31 Producer: Bridges

SRC-000230 -3/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 3 of 4
Audience: Resource Site: Stone's Office
Client: Blaine Baggett, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:28:50 Producer: Bridges

SRC-000230 -4/4 **Dr. Edward Stone Interviewed by Blaine Baggett**
Part 4 of 4
Audience: Resource Site: Stone's Office
Client: Blaine Baggett, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:15:22 Producer: Bridges

SRC-000233 -1/1 **2001 Mars Odyssey Assembly Activities from KSC**
2
Audience: Resource Site: KSC
Client: Hardin

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/05/2001 - 0:26:00 Producer: KSC

SRC-000234 -1/1 **B-Roll footage of Mars Odyssey Pre-Launch**
Tower rollback, blockhouse shots and Press Site with
liftoff. Shot by KSC staff.
Audience: Gen. Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/06/2001 - 0:15:00 Producer: KSC

SRC-000236 -1/1 **NASA VideoFile - The Planet Earth NASA remote Sensing Legacy**
Dramatic zooms from Earth orbit to various cities in the
United States. Using imaging from three spacecraft shows the
zooms as well as changes on the earth over time. Interviews
with participating scientists follow the footage. An SRTM
flyover of Santa Barbara Calif. is on last 1:28.
Audience: Gen. Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/16/2001 - 0:44:25 Producer: NASA

SRC-000237 -1/1 **Mars Odyssey Launch HDTV Tracker camera**
Footage of launch from Sony HDCam on tracker. Shot by Walt
Lindblom of MSFC.
Audience: Resource Site: KSC
Client:
Master: HDCam Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/07/2001 - 0:07:00

SRC-000238 -1/1 **Genesis, Arrival at Shuttle Landing Facility (SLF), Night Coverage**
KSC Number 01-0207
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Audience: NASA Resource Site: KSC
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/31/2001 - 0:06:00 Producer: KSC

SRC-000239 -1/1 **Genesis, Unpacking & Moving to Stand, Payload Hazardous Servicing
Fac.**

KSC Number 01-0210
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Audience: NASA Resource Site: KSC
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/01/2001 - 0:12:00 Producer: KSC

SRC-000240 -1/1 **Genesis, Solar Panel Development, Payload Hazardous Servicing Facility**

KSC Number 01-0215
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Audience: Resource Site: KSC
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/04/2001 - 0:04:00 Producer: KSC

SRC-000241 -1/1 **Genesis,UHF Antenna Installation, Payload Hazardous Servicing Facility**

KSC Number 01-0216
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Audience: NASA Resource Site: KSC
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/06/2001 - 0:08:00 Producer: KSC

SRC-000242 -1/1 **Genesis Delta First Stage Erection, Complex 17A**

KSC Number 01-0223
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Audience: NASA Resource Site: KSC
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/12/2001 - 0:04:50 Producer: KSC

SRC-000243 -1/1 **Genesis, Delta Solid Rocket Boosters, Erect at Complex 17A**

KSC Number 01-0225
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Audience: NASA Resource Site: KSC

Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/13/2001 - 0:11:00 Producer: KSC

SRC-000244 -1/1 **Genesis, Payload Hazardous Servicing Facility (PHSF) Press Show**
KSC Number 01-0227
Aerospace Imaging/Johnson Controls, Inc.
www.aerospaceimaging.com
Audience: NASA Resource Site: KSC
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/13/2001 - 0:03:50 Producer: KSC

SRC-000255 -1/1 **Voyager Saturn/Neptune Animations - Magnetosphere & Trajectory**
1. Voyager alone in space moving bottom right to top left
-length 0:22
2. Reverse move -length 0:22
3. Neptune rotating with moons then adding Magnetosphere
lines -length 0:51
3. Trajectory of Voyager 1 & 2 -length 1:00
4. Saturn - POV of flying thru rings twice -1:05
Note: some animation repeated several times
Audience: Resource
Client:
Master: 1"C
Audio 1: Silent 2: Silent
07/25/1990 - 0:10:45

SRC-000256 -1/1 **Rosetta Spacecraft Animation from ESA**
European Space Agency (ESA) animation was created in June
1999. Sequence A is of Comet Wirtanen soaring through
space; Sequence B is of Rosetta arriving near Comet's path;
Sequence C shows lander being released from Rosetta. The
last sequences show lander on surface of comet.
Audience: Resource
Client: MIRO/Webster
Master: BCAMsp
Audio 1: Silent 2: Silent
08/15/2001 - 0:03:40 Producer: Savona

SRC-000257 -1/1 **Delta, Genesis Launch**
Audience: NASA Resource Site: KSC
Client: KSC, Org. KSC
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
08/08/2001 - 0:03:00 Producer: KSC

SRC-000258 -1/1

Genesis Pre Launch Compilation

Compilation of Genesis pre launch activities spacecraft testing, Delta II assembly, rocket stage erection and roll out to Complex 17 A.

Footage is in chronological order from 6/13 to 8/2/01.

Audience: Resource Site: KSC

Client: Heil

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/22/2001 - 1:07:00 Producer: KSC

SRC-000259 -1/2

Mars Odyssey Launch Coverage from JPL

Control Room shots of JPL MSA during launch and after switch to JPL for signal acquisition for Mars Odyssey spacecraft.

Edited for AVC 2001-055. Shots of Dave Spencer, Marla Thorton, Al Nakata, Bob Mace and others in 264-MSA. JPL Program begins at 40:16.

Audience: Resource Site: JPL 264-231

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/13/2001 - 1:30:00 Producer: Beck

SRC-000259 -2/2

Mars Odyssey Launch Coverage from JPL

Control Room shots of JPL MSA during launch and after switch to JPL for signal acquisition for Mars Odyssey spacecraft.

Edited for AVC 2001-055. Shots of Dave Spencer, Marla Thorton, Al Nakata, Bob Mace and others in 264-MSA.

Audience: Resource Site: JPL 264-231

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/13/2001 - 0:28:10 Producer: Beck

SRC-000260 -1/1

Jason Arrival at Vandenberg Air Force Base, Raw Footage

Coverage of the arrival of the Jason spacecraft to Vandenberg Air Force Base in California. Recorded on August 17, 2001.

Audience: Resource

Client: Sullivant

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/07/2001 - 0:08:28 Producer: John Demko

SRC-000264 -1/1 **Deep Impact Separation and De-Spin Animation**
The animation opens with the joint flyby and impactor spacecraft before separation from the third stage. The Boeing Delta 2925 uses a spin-stabilized Star 48 upper stage to provide the final energy and injection accuracy, sending Deep Impact on an 18 month journey towards comet Tempel 1. But before releasing the spacecraft the launch vehicle must despin the system from approximately 60 rpm to less than 5 rpm. This is accomplished using a yo-yo despin system which unwraps two cable-weight assemblies, raising the mass inertia, and slowing the system cable-weight assemblies, raising the mass inertia, and slowing the system in a manner not unlike an ice skater throwing her arms out to slow her rotation.
Following third stage separation the Deep Impact flight system deploys it's two solar array panels and stabilizes itself by firing its reaction control thrusters. The flight system then enters sun-acquisition mode and begins electrical power generation necessary for the long voyage.
Audience: Gen. Resource Site: Boulder, CO
Client: M. Roundtree-Brown
Master: BCAMsp Submaster: DVCPPro25
Audio 1: Silent 2: Silent
10/09/2001 - 0:03:14 Producer: All Video Prod.

SRC-000266 -1/1 **DSN Antennas Distribution Around the Earth**
A short animation showing the placement on the Earth of the Goldstone, Madrid and Canberra large antennas.
Audience: Resource
Client:
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
10/29/2001 - 0:00:30 Producer: Semerano

SRC-000272 -1/1 **Jason 1 Animation - Edited with Narration & Music**
SRC272 was edited & tracked by Raytheon to create a DVC tape. This tape is made from the DVC tape.
Use this as dubbing master.
***** NOTE: You must ride the video & setup during dubbing to compensate for errors in the original DVC tape.

Audience: Resource
Client: Srinivasan
Master: DV Submaster: BCAMsp
Audio 1: Stereo 2: Stereo

11/12/2001 - 0:05:00 Producer: Kline

SRC-000273 -1/1 **Jason-1 launch coverage from Vandenberg AFB**
Jason-1 launch coverage from Vandenberg AFB. Launch occurs at 7:07 am. Launch occurs approx. 49 minutes into tape. Coverage includes animations and b-roll footage.
Audience: Gen. Resource Site: Vandenberg AFB
Client: Annie Richardson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/07/2001 - 1:30:00 Producer: Kline

SRC-000275 -1/1 **Genesis/Delta II Launch with Playbacks**
NASA Release KSC-TV
Audience: NASA Resource
Client: NASA HQ
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/08/2001 - 1:05:00 Producer: NASA HQ

SRC-000277 -1/1 **SRTM Rose Bowl Flyover**
Data from the Shuttle Radar Topography Mission is combined with Landsat Thematic Mapper data and aerial photography to create a 3-dimensional flyover of Pasadena, California, and the Rose Bowl.
Audience: JPL NASA News Resource
Client: Buis
Master: BCAMsp
Audio 1: MOS 2: MOS
12/27/2001 - 0:01:00 Producer: Michael Kobrick

SRC-000280 -1/1 **Solar Powered Satellite**
Three animations showing a future concept satellite orbiting Earth and collecting energy from the Sun and redirecting it through a concentrated beam to power a spacecraft in flight as well as provide electrical energy back on Earth.
Audience: Tech. Resource Site: JPL
Client: Leo Didomenico
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/28/2002 - 0:01:39 Producer: Semerano

SRC-000282 -3/3 **NASA Day for Students**
Rep. Adam Schiff (D-CA) participated along with approximately 200 eighth grade students from his district. The event was presented by the Distance Learning Outpost

staff at JSC. The program was telecasted from JSC and featured a educational virtual tour of the International Space Station.

Audience: JPL NASA Resource Site: JPL/von Kármán

Client: Patty Rhee, Org. 107

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/01/2002 - 2:00:00 Producer: Bridges

SRC-000314 -1/1

Aerials of JPL from Coptervision

Shots begin from looking down on the arroyo and ending on full shot of the lab.

Full shot of mars rover in Mars Yard as camera pulls out from high above yard revealing the lab.

Footage shot by Coptervision Inc. 16:9 Film.

Best takes at 3:40, 4:00 and 4:55

Audience: Resource

Site: JPL

Client: JPL

Master: HDCam Submaster: BCAMsp

Audio 1: Silent 2: Silent

LETTERBOX

03/05/2002 - 0:05:20 Producer: Dawson

SRC-000315 -1/3

JPL Footage from Coptervision

Traveling shot from East Lot of lab.

From Dam looking at lab very wide at Sunrise.

Originally shot in 16:9 Film.

Audience: Resource

Site: JPL

Client: JPL

Master: HDCam

Audio 1: Wild 2: Wild

LETTERBOX

03/05/2002 - 0:40:00 Producer: Dawson

SRC-000315 -2/3

JPL Footage from Coptervision

East Lot shot of lab at Sunrise.

From Dam looking at lab very wide at Sunrise.

Rollervision shot crossing rockets.(no audio)

Rollervision shot In-Situ lab. (no audio)

Audience: Resource

Site: JPL

Client: JPL

Master: HDCam Submaster: BCAMsp

Audio 1: Wild 2: Wild

LETTERBOX

03/05/2002 - 0:40:00 Producer: Dawson

- SRC-000315 -3/3 **JPL Footage from Coptervision**
 Mall shots on Rollervision.
 Original is in HDCam Format.
 Audience: Resource Site: JPL
 Client: JPL
 Master: HDCam Submaster: BCAMsp
 Audio 1: Silent 2: Silent
 LETTERBOX
 03/05/2002 - 0:10:00 Producer: Dawson
- SRC-000316 -1/2 **Goldstone Footage from Coptervision**
 Rollervision shots of Mars site.
 Originally shot in 16:9 Film.
 Audience: Resource Site: JPL
 Client: JPL
 Master: HDCam Submaster: DVCPro50
 Audio 1: Silent 2: Silent
 03/07/2002 - 0:40:00 Producer: Savona
- SRC-000316 -2/2 **Goldstone Footage from Coptervision**
 Apollo, Venus and Echo sites.
 Rollervision Shots of sites and static shots from hillside
 overlooking Apollo site.
 Static shots of Echo site.
 Originally shot in 16:9 Film.
 Audience: Resource Site: JPL
 Client: JPL
 Master: HDCam Submaster: BCAMsp
 Audio 1: Silent 2: Silent
 03/07/2002 - 0:40:00 Producer: Savona
- SRC-000325 -1/1 **High Definition Footage of 180 Exterior & 230 Interior B-roll**
 Shots in mall panning to 180. Interiors of 230 dark room.
 Audience: Resource Site: JPL
 Client: Blaine Baggett
 Master: HDCam Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 HD CAM FORMAT
 01/20/2002 - 0:30:00 Producer: Savona
- SRC-000326 -1/1 **Coptervision at Goldstone for the 40th Anniversary**
 Aerial footage of the Mars site, 70 meter dish.
 Apollo valley 24, 25 and 26 dishes.
 34 meter and 70 meter in bkg. or Uranus site.
 Venus site.
 Originally shot in 16:9 Film.

Audience: Resource Site: Goldstone
Client: Blaine Baggett
Master: HDCam Submaster: DVCPRO25
Audio 1: Silent 2: Silent
LETTERBOX
04/03/2002 - 0:12:20 Producer: Dawson

SRC-000327 -1/4 **B-Roll of DIAL Conference Room and User Area from Camera Ready Prod.**

Steadicam footage for JPL's 40 year anniversary documentary. First location is building 168 conference room, Eric De Jong talking in front of audience. Second location also building 168, shows engineers in user area in front of computer monitors. Original is in HDCam Format.

Audience: Resource Site: JPL
Client: Blaine Baggett
Master: HDCam
Audio 1: Nat. 2: Nat.
LETTERBOX
04/08/2002 - 0:35:00 Producer: Gary Savona

SRC-000327 -2/4 **B-Roll of Cliffbot, Visitors Ctr., and Shaker Lab from Camera Ready**

Steadicam footage for JPL's 40 year anniversary documentary. Building 82: Cliffbot climbing up hill. Building 177: Shots of visitors signing-in with Bobbie and Danae. Building 144: Large shaker with operator followed by smaller shaker with two operators.

Audience: Resource Site: JPL
Client: Blaine Baggett
Master: HDCam Submaster: DVCPRO25
Audio 1: Nat. 2: Nat.
LETTERBOX
04/08/2002 - 0:39:00 Producer: Gary Savona

SRC-000327 -3/4 **B-Roll of Project Design Ctr., Antenna Labs, Mars Yard from Camera Rdy**

Steadicam and Jimmy Jib footage for JPL's 40 year anniversary documentary. Project Design Center of designers at monitors. Mesa shots of Cloud Sat. antenna with engineer and Bell Jar testing lab. Mars Yard of FIDO in action using Jimmy Jib. Building 299: Inflatable Antennas using Jib.

Audience: Resource Site: JPL
Client: Blaine Baggett
Master: HDCam
Audio 1: Nat. 2: Nat.
LETTERBOX

04/08/2002 - 0:40:00 Producer: Gary Savona

SRC-000327 -4/4 **B-Roll of Solar Antennas, SFOF Mission Ops. from Camera Ready Prods.**

Steadicam and Jimmy Jib footage for JPL's 40 year anniversary documentary. Mesa shots of Cloud S with engineer and Bell Jar testing lab. Mars Yard of FIDO in action using Jimmy Jib. Building 299: Solar Sail and Antennas using Jimmy Jib. And a outside shot of In-situ lab.

Audience: Resource Site: JPL

Client: Blaine Baggett

Master: HDCam

Audio 1: Nat. 2: Nat.

LETTERBOX

04/08/2002 - 0:30:00 Producer: Gary Savona

SRC-000334 -1/1 **Journey to the Planets Animations in High Def. & NTSC Letterbox**

Opening title-:20, Cassini Spacecraft turning-:20, Cassini releasing Huygens probe to Saturn-:20, Cassini passing rings of Saturn-:20, Deep Impact into comet-:20, Deep Impact releases impactor-:20, Impactor maneuvering in space-:15, Deep Space 1 at comet-1:00, Galileo passing camera-:20, Flying through stars and dust-:17, Terrestrial Planet Finder-:25, Jason over the Earth-:20, Zoom out from Earth-:10, Space Interferometry Mission(SIM)-:26, Space Infrared Telescope Facility(SIRTF)-:25, Solar System Formation-:44, Stardust Mission-:24, Titan atmosphere and probe descending-:20, Interferometer concept-:10, Galileo Trajectory-:28,

Audience: Resource

Client: Blaine Baggett

Master: HDCam Submaster: BCAMsp

Audio 1: Silent 2: Silent

HDCAM FORMAT & AVAILABLE IN NTSC LETTERBOX

05/13/2002 - 0:08:26 Producer: Savona

SRC-000335 -1/1 **The Galaxy Evolution Explorer (GALEX) Instrument B-Roll**

GALEX in clean room.

Audience: Resource

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/07/2001 - 0:12:06 Producer: Savona

SRC-000337 -1/13 **Deep Space - 1 (Activities) Press Showing in the PHSF**

Audience: Resource

Site: KSC

Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/29/1998 - 0:05:35 Producer: KSC

SRC-000337 -2/13 **Deep Space - 1 (Activities) Press Showing in the PHSF**
Deep Space - 1 Press Showing in the PHSF.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/29/1998 - 0:06:06 Producer: KSC

SRC-000337 -3/13 **Deep Space - 1 (Activities) Lift and Move to Transporter**
Deep Space - 1 Lift and move to Transporter.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/30/1998 - 0:04:51 Producer: KSC

SRC-000337 -4/13 **Deep Space - 1 (Activities) Moved to the DPF.**
Deep Space - 1 Moved to the DPF.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/01/1998 - 0:07:00 Producer: KSC

SRC-000337 -5/13 **Deep Space - 1 (Activities) Spin Test in the DPF.**
Deep Space - 1 Spin test in the DPF.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/02/1998 - 0:02:20 Producer: KSC

SRC-000337 -6/13 **Deep Space - 1 (Activities) In DPF Spin by Hand.**
Deep Space - 1 In DPF spin by hand.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/02/1998 - 0:04:04 Producer: KSC

SRC-000337 -7/13 **Deep Space - 1 (Activities) Mate to Motors at the DPF.**

Deep Space - 1 Mate to Motors at the DPF.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/07/1998 - 0:05:00 Producer: KSC

SRC-000337 -8/13 **Deep Space - 1 (Activities) Canning at the DPF East Bay**

Deep Space - 1 Canning at the DPF East Bay.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/10/1998 - 0:09:00 Producer: KSC

SRC-000337 -9/13 **Deep Space - 1 (Activities) Moved from the DPF to Delta launch**

Deep Space - 1 Moved from the DPF to Delta launch complex
17-A and uncovered.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/12/1998 - 0:05:00 Producer: KSC

SRC-000337 **Deep Space - 1 (Activities) Fairing Installation at Launch Complex**

Deep Space - 1 Fairing installation at launch complex 17-A,
Delta.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/16/1998 - 0:08:00 Producer: KSC

SRC-000337 **Deep Space - 1 (Activities) Pre-launch**

Deep Space - 1 Pre-launch activities.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/24/1998 - 0:06:52 Producer: KSC

SRC-000337 **Deep Space - 1 (Activities) Pre-launch**

Deep Space - 1 Pre-launch activities.
Audience: Resource Site: KSC
Client:
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
10/24/1998 - 0:06:52 Producer: KSC

SRC-000337 **Deep Space - 1 (Activities) S/C and Launch Vehicle Flow to Pre-launch**

Deep Space - 1 S/C and Launch Vehicle flow up to Pre-launch.

Audience: Resource Site: KSC

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/25/1998 - 0:30:00 Producer: KSC

SRC-000338 -1/18 **Stardust - (Activities) Arrival and Offload then Moved to the P**

STARDUST Arrival and offload then moved to the PHSF and uncovered.

Audience: Resource Site: KSC

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/12/1998 - 0:16:00 Producer: KSC

SRC-000338 -2/18 **Stardust - (Activities) Removal of Solar Panels from Stardust**

STARDUST - Removal of solar panels from Stardust.

Audience: Resource Site: KSC

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/13/1998 - 0:04:00 Producer: KSC

SRC-000338 -3/18 **Stardust - (Activities) Science Panel Rotation in the PHSF**

Delta Stardust science panel rotation in the PHSF.

Audience: Resource Site: KSC

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/02/1998 - 0:03:00 Producer: KSC

SRC-000338 -4/18 **Stardust - (Activities) Sample Return at the PHSF**

Stardust sample return at the PHSF.

Audience: Resource Site: KSC

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/04/1998 - 0:03:00 Producer: KSC

SRC-000338 -5/18 **Stardust - (Activities) Aerogel Return Capsule Opened in the PHSF**

Stardust Aerogel return capsule opened in the PHSF.

Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/15/1998 - 0:03:30 Producer: KSC

SRC-000338 -6/18 **Stardust - (Activities) Stardust in the PHSF**
Stardust in the PHSF.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/21/1998 - 0:06:30 Producer: KSC

SRC-000338 -7/18 **Stardust - (Activities) 1st Stage Erection at Launch Complex 17-B**
Delta Stardust 1st stage erection at launch complex 17-B.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/05/1999 - 0:06:30 Producer: KSC

SRC-000338 -8/18 **Stardust - (Activities) Solids Erection at Launch Complex 17-B**
Delta Stardust Solids Erection at launch complex 17-B.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/06/1999 - 0:03:00 Producer: KSC

SRC-000338 -9/18 **Stardust - (Activities) Solids Stacking at Launch Complex 17-A**
Delta Stardust solids stacking at launch complex 17-A.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/07/1999 - 0:04:30 Producer: KSC

SRC-000338-10/18 **Stardust - (Activities) Lift and Payload Rotation at the PHSF**
Delta, Stardust lift and payload rotation at the PHSF.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/11/1999 - 0:03:30 Producer: KSC

- SRC-000338-11/18 **Stardust - (Activities) Deploy Panel and Lighting Test at the PHSF**
Delta, Stardust deploy panel and lighting test at the PHSF.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/11/1999 - 0:05:00 Producer: KSC
- SRC-000338-12/18 **Stardust - (Activities) Second Stage Erection at Launch Complex 17-A**
Delta, Stardust second stage erection at launch complex
17-A.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/14/1999 - 0:07:00 Producer: KSC
- SRC-000338-13/18 **Stardust - (Activities) Press showing at the PHSF**
Delta, Stardust press showing at the PHSF.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/22/1999 - 0:02:30 Producer: KSC
- SRC-000338-14/18 **Stardust - (Activities) Mate to 3RD Stage**
Delta, Stardust Mate to 3RD Stage.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/26/1999 - 0:05:00 Producer: KSC
- SRC-000338-15/18 **Stardust - (Activities) Video Camera Installed on Second Stage**
Delta, Stardust video camera installed on second stage at
launch complex 17-A.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/26/1999 - 0:03:00 Producer: KSC
- SRC-000338-16/18 **Stardust - (Activities) Canning and Lift to Transport at the PHSF**
Delta, Stardust canning and lift to transport at the PHSF.
Audience: Resource Site: KSC
Client:

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/27/1999 - 0:04:30 Producer: KSC

SRC-000338-17/18 **Stardust - (Activities) Moved from the PHSF to Launch 17-A**
Delta, Stardust moved from the PHSF to launch complex 17-A
for lift and mate to second stage.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/28/1999 - 0:11:30 Producer: KSC

SRC-000338-18/18 **Stardust - (Activities) Fairing Installation at Launch Complex 17-A**
Delta, Stardust fairing installation at launch complex 17-A.
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/02/1999 - 0:06:00 Producer: KSC

SRC-000339 -1/1 **Deep Impact Animation Compilation**
SRC-000204 Deep Impact Animation - 1:20 Min.
SRC-000216 Deep Impact Icon Animation - :60 Sec.
SRC-000264 Deep Impact Separation and De-Spin
Animation - 3:14 Min.
Audience: JPL Resource Site: JPL
Client: Maura Rountree-Brown
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/14/2002 - 0:06:00 Producer: Semerano

SRC-000341 -1/1 **NASA's Sun Earth Connection Highlight Tape**
This Highlight tapes shows dramatic changes on the sun
during its active point "Solar Maximum" in 2000 and 2001.
Contains images of Solar flares, Sun spots, Coronal Mass
Ejections (CME) taken from the SOHO, IMAGE, and YOHKOH
spacecrafts.
*With Time Code and Window Burn
Audience: Gen. Edu. Resource
Client: NASA TV
Master: BCAMsp Submaster: DVCP50
Audio 1: Mono mix 2: Mono mix
06/03/2002 - 0:59:40 Producer: GSFC/R Weintaub

SRC-000342 -1/1 **JASON-1 /TIMED Pre-Launch and Launch Highlights**

Coverage of the JASON-1 /Timed pre-launch and launch activities. Accompanied b-roll includes mission animation, launch vehicle preparation, and final spacecraft testing. On-board camera coverage included in launch segment from liftoff to final stage separation.
Audience: Gen. Edu. NASA Resource
Client: M. Srinivasan
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/03/2002 - 0:35:00 Producer: KSC

SRC-000343 -1/1 **55 Cancri - Web Production**
Animation showing the 55 Cancri solar system.
Audience: Resource Site: JPL
Client: Platt
Master: BCAMsp Submaster: BCAMsp
Audio 1: silent 2: silent
06/08/2002 - 0:02:15 Producer: Alu/Semerano

SRC-000344 -1/1 **Interferometry Animations**
Five animations with labels showing the basic concepts of interferometry including an animation of a proposed spacecraft designed to make measurements to detect planets around other stars.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/30/2002 - 0:04:00 Producer: Semerano

SRC-000346 -1/1 **"Voyager" and "Summary of the Ranger VII, VIII and IX Television Pic."**
High quality transfers by Complete Post, 9/4/84 of two JPL Films:
"Voyager"-1984 25:00, AVC-1984-005, JPL 1113
(mission to Jupiter & Saturn, later to Uranus & Neptune)
"Summary of the Ranger VII, VIII and IX Television Pictures"-1965 29:30, AVC-1992-152, JPL 693
(impacted the Moon 1964 & 1965)
Audience: Gen. Resource
Client:
Master: 1"C Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
09/04/1984 - 0:46:00

SRC-000348 -1/1 **Voyager Animations**

Eight Voyager animations created for the 40th JPL anniversary production.

1. Voyager in orbit around Earth 20 seconds
2. Voyager 2 trajectory 20 seconds
3. Voyager traveling in space 20 seconds
4. Voyager approaching Jupiter 20 seconds
5. Voyager departing Jupiter 20 seconds
6. Voyager passing Saturn 40 seconds
7. Voyager approaching Uranus 30 seconds
8. Voyager departing Uranus 30 seconds
9. Voyager passing over Neptune and going out of the ecliptic plane 30 seconds
10. Voyager in space, close-up of record and pull out 22 seconds

Audience: Resource

Client:

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/18/2002 - 0:05:00 Producer: Semerano

SRC-000356 -1/1

SeaWinds on ADEOS II Separation from Launch Stages

NASA's SeaWinds scatterometer instrument launches on a Japanese H-IIA launch vehicle from Japan. The SeaWinds instrument is a microwave radar that measures surface wind speed and direction over 90 percent of Earth's ice-free global oceans every day.

Audience: Resource

Site: NASDA (Japan)

Client: Alan Buis

Master: BCAMsp

Audio 1: Silent 2: Silent

12/14/2002 - 0:04:00 Producer: Savona

SRC-000357 -1/1

SeaWinds on ADEOS II CG Animation (Launch through Deployment)

NASA's SeaWinds scatterometer instrument launches on a Japanese H-IIA launch vehicle from Japan. The SeaWinds instrument is a microwave radar that measures surface wind speed and direction over 90 percent of Earth's ice-free global oceans every day.

Audience: Resource

Site: NASDA (Japan)

Client: Alan Buis

Master: BCAMsp

Audio 1: Silent 2: Silent

12/14/2002 - 0:05:53 Producer: Savona

SRC-000360 -1/1

Explorer 1 40th Anniversary Roll-in for Dr. Pickering Talk

Announcement of launch; 5 seconds of black; Vanguard

failure; 5 seconds of black; Launch sequence.
Audience: Resource
Client: Pickering/Alexander, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/30/1998 - 0:07:00 Producer: Savona

SRC-000364 -1/1 **Atlas & Atlas / Centaur Launches from Vandenberg Air Force Base**

These stock launches were shot by the Visual Information Flight Office at Vandenberg.
Atlas 35 - Navstar (02/09/80)
56 - Intelsat (5/23/81)
59 - FLTSATCOM (8/6/81)
55 - INTELSAT V (12/15/81)
Audience: Resource
Client: Mona Jasnow, Org. 181
Master: BCAMsp
Audio 1: Silent 2: Silent
03/05/2003 - 0:30:00 Producer: Savona

SRC-000365 -1/1 **MER Cruise Stage Spin Tests Compilation**

Compilation of raw footage of Mars Exploration Rover cruise stage spin tests in Bldg. 144 at JPL. Shot on 11/04/02 and 11/23/02.
Audience: JPL Resource Site: BLDG. 144
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/16/2003 - 0:21:06 Producer: Rino Passaniti

SRC-000368 -1/1 **Galex Animation**

2:15 second animation showing the launch of Galex.
Audience: Resource
Client: Fanson
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
04/21/2003 - 0:02:55 Producer: Semerano

SRC-000370 -1/6 **Galaxy Evolution Explorer (GALEX) L-1011 Carrier Arrives at Kennedy**

The orbital sciences L-1011 carrier aircraft carrying the Pegasus launch vehicle arrives at CCAFS skid strip.
Audience: Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

04/25/2003 - 0:05:00 Producer: Kennedy Space Ctr.

SRC-000370 -2/6 **Galaxy Evolution Explorer (GALEX) Pegasus Launch Vehicle being towed**

Pegasus Launch vehicle, which is will carry GALEX, is towed from skid strip to MPPF for payload integration.

Audience: Resource

Client: Jane Platt

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/25/2003 - 0:05:00 Producer: Kennedy Space Ctr.

SRC-000370 -3/6 **Galaxy Evolution Explorer (GALEX) Lift to Fixture & Rotation of GALEX**

The Galaxy Evolution Explorer lifted to rotation fixture and then rotation of the GALEX in MPPF.

Audience: Resource

Client: Jane Platt

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/25/2003 - 0:07:00 Producer: Kennedy Space Ctr.

SRC-000370 -4/6 **Galaxy Evolution Explorer (GALEX) Lifted to the Rotation Stand**

The Galaxy Evolution Explorer payload lifted to the rotation stand in MPPF.

Audience: Resource

Client: Jane Platt

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/25/2003 - 0:05:00 Producer: Kennedy Space Ctr.

SRC-000370 -5/6 **Galaxy Evolution Explorer (GALEX) is mated to Pegasus Launch Vehicle**

The Galaxy Evolution Explorer (GALEX) is mated to the Pegasus Launch Vehicle in the MPPF.

Audience: Resource

Client: Jane Platt

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/25/2003 - 0:08:00 Producer: Kennedy Space Ctr.

SRC-000370 -6/6 **Galaxy Evolution Explorer (GALEX) Solar System Panel Deployment**

The Galaxy Evolution Explorer (GALEX) solar panel deployment in the MPPF.

Audience: Resource

Client: Jane Platt

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/25/2003 - 0:02:00 Producer: Kennedy Space Ctr.

SRC-000377 -1/1 **MER-A "Spirit" Launch/JPL Switch**
JPL Internal switched program that aired locally. Four cameras in 230 Mission Support Area and feed from NASA TV coverage at Cape Canaveral, FL.
Audience: JPL Resource Site: JPL & KSC
Client: Media Relations, Org. 1810
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/10/2003 - 3:00:00 Producer: Hardine

SRC-000381 -1/1 **Camera replays of MER-A Launch**
Different tracking views of the Mars Exploration Rover "Spirit" launch including rocket camera looking down.
Audience: Resource Site: Cape Canaveral
Client: John Beck
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/10/2003 - 1:33:12 Producer: KSC

SRC-000417 -1/1 **JPL at Night**
Best shot at 00:08:26:00
Also some helicopter shots.
Audience: Resource
Client: JPL
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/23/1998 - 0:20:00 Producer: Dawson

SRC-000429 -1/1 **Flyby of Comet Wild 2 Seen Via a Series of Stills Made by Stardust**
The Stardust spacecraft made this series of images as it flew past Comet Wild 2 ("vilt 2"). Played as a sequence they show spacecraft-eye view of the rendezvous. This short clip is played 3 times.
Audience: Resource
Client: Tom Duxbury
Master: DVCPro25
Audio 1: MOS 2: MOS
01/06/2004 - 0:00:10 Producer: Kline

SRC-000431 -1/1 **Cassini Animations Compilation Reel**
Animations from previous AVC and SRC videos combined with slates directing where the original material can be

acquired.
Audience: Resource
Client:
Master: DVCPRO50
Audio 1: silent 2: silent
02/05/2004 - 0:18:30 Producer: Semerano

- SRC-000447 -1/1 **Stardust and Comet Animation**
Two animations showing the formation of jets emanating from a comet. One animation shows the Stardust Spacecraft going through the jets of the comet.
Audience: Resource Site: JPL
Client: Duxbury
Master: DVCPRO50
Audio 1: Silent 2: Silent
06/14/2004 - 0:00:40 Producer: Semerano
- SRC-000452 -1/1 **Galileo Spacecraft in the clean room**
Audience: NASA Resource Site: Los Angeles
Client: Jack Dawson, Org. 1810
Master: HDCam
Audio 1: Mono mix 2: Mono mix
06/16/2004 - 0:29:57 Producer: Werner Herzog
- SRC-000453 -1/1 **Galileo Footage of Astronauts on Space Shuttle**
Astronauts aboard Space Shuttle shot by the astronauts during Galileo Launch.
16mm NASA footage.
Audience: NASA Resource Site: Space Shuttle
Client: Jack Dawson, Org. 1810
Master: HDCam
Audio 1: Mono mix 2: Mono mix
06/04/2004 - 1:16:34 Producer: Werner Herzog
- SRC-000454 -1/1 **Cassini B-Roll & Animation Reel for Saturn Orbit Insertion**
June 30, 2004, saw the Cassini spacecraft conduct an orbit insertion around Saturn and its moons. The burn begins a 4-year encounter with Saturn and end of the year release of the Huygens probe into Saturn's moon Titan.
Audience: News Resource
Client: NASA/JPL/Martinez
Master: DVCPRO50 Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
06/25/2004 - 0:27:07 Producer: Savona/Semerano
- SRC-000456 -1/1 **Saturn Magnetic Field Animation**

Animation showing Saturn's magnetic field, plasma torus,
Titan neutral torus, solar wind and cutaway of Saturn.

Audience: Resource Site: JPL

Client: Michelle Burton

Master: DVCPRO50

Audio 1: Silent 2: Silent

06/26/2004 - 0:00:59 Producer: Semerano

SRC-000485 -1/1

Genesis Timeline Animation

Animation depicting the final minutes of the Genesis capsule
return to Earth, showing the altitude and times from entry
into the atmosphere to mid-air capture by helicopter.

Animation is repeated showing ground track.

Audience: Resource Site: JPL

Client: D.C.

Master: BCAMsp

Audio 1: Silent 2: Silent

08/22/2004 - 0:02:00 Producer: Semerano

SRC-000489 -1/1

Genesis Post Landing Helicopter Footage

Audience: Resource Site: Dugway, Utah

Client: NASA TV/DC Agle, Org. 1810

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

09/08/2004 - 0:26:00 Producer: NASA TV

SRC-000490 -1/1

Genesis Day after Telephone Press Conference

AUDIO ONLY

Audience: JPL News Resource Site: Dugway, Utah

Client: Dc Agle, Org. 1810

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

09/09/2004 - 0:39:00 Producer: Hanchett

SRC-000493 -1/1

Genesis Landing plus 2 days Telephone Press conf (Audio Only)

Telephone press conference with Gentry Lee, Don Sevela, Dr
Roger Weams, Dr. David Lindstrom, Steve Broady, Dr. Don
Burnett, Don Sweatnum

Audience: News Resource Site: Dugway/JPL

Client:

Master:

Audio 1: Mono mix 2: Mono mix

09/10/2004 - 0:45:51

SRC-000519 -1/1

Mars Orbiter Animations

Three animations of the Mars Orbiter. (repeated twice)

Audience: Resource
Client: Beck
Master: DVCProHD Submaster: DVCPro25
Audio 1: Silent 2: Silent
11/16/2004 - 0:01:30 Producer: Semerano

SRC-000521 -1/1 **Deep Impact Animations with Updated Impactor**
Recreation of some scenes in SRC-000204 with updated version of the spacecraft impactor, originally used in, "Voyage to the Planets."

Audience: Resource Site: JPL
Client: Media Relations
Master: DVCPro25
Audio 1: silent 2: silent
11/21/2004 - 0:01:00 Producer: Semerano

SRC-000523 -1/1 **Cassini Huygens Radio Relay Animation**
Animation depicting the time frame that the Cassini Spacecraft can receive radio signals from the Huygens probe as it descends through Titan's atmosphere.

Audience: Resource Site: JPL
Client: Alice Wessen
Master:
Audio 1: Silent 2: Silent
11/23/2004 - 0:00:30 Producer: Semerano

SRC-000525 -1/1 **Tempel 1 Animation**
Animation showing the location of the comet, Tempel 1 in mid-December 2004 and its probable appearance as it begins to get closer to the Sun.

Audience: Resource Site: JPL
Client: Yeomans
Master: DVCPro25
Audio 1: silent 2: silent
12/07/2004 - 0:00:50 Producer: Semerano

SRC-000526 -1/1 **Vanpool Accident Briefings**
Two News Briefings with statements by Blaine Baggett about the 10-person vanpool accident in the Angeles Crest. Kerri Agey, Dorothy Forks and Jane Galloway perished.

Briefing #1 0:05:10 long.
Briefing #2 0:08:50 long.
Audience: JPL Resource Site: von Kármán Aud.
Client: Media Relations
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix

12/08/2004 - 0:20:00 Producer: Savona/Borst

SRC-000529 -1/1

Spitzer Animation Compilation

Animations of Spitzer Space Telescope. Animations include: launch, first observations, and 2004 releases to date.

Audience: Resource

Client:

Master: DVCPPro50 Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

12/14/2004 - 0:15:08 Producer: Ford

SRC-000531 -1/1

Huygens Probe Release from Control Room at JPL

Edited Robo cam wide shot cut together with hand held camera of reactions in JPL control room of the successful Huygens Probe release from the Cassini spacecraft.

Audience: Resource Site: JPL

Client: Martinez

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/24/2004 - 0:03:33 Producer: Semerano

SRC-000532 -1/1

Huygens Probe Separates from Cassini and Heads toward Titan - Anim.

Animation of Huygens Probe separating from Cassini spacecraft on Dec. 24, 2004 (PST). Animation continues until just before Probe reaches Titan's atmosphere.

Animation TRT = 0:53.

Audience: Resource

Client: Kulczycki

Master: DVCPPro50

Audio 1: MOS 2: MOS

12/23/2004 - 0:01:17 Producer: Zareh Gorjian

SRC-000540 -1/1

JPL Caltech Rose Parade Float Webcam

View of the parade route from the helmet of the JPL/Caltech "robot" float. Webcam video provided by JPL radio club. Not broadcast quality. No audio

First few minuets VERY noisy.

Audience: Gen. Resource Site: Pasadena

Client: Valorie Elachi

Master: DVD

Audio 1: silent 2: silent

01/01/2005 - 1:30:00 Producer: Hanchett

SRC-000541 -1/1

JPL/Caltech Rose Parade Float - KTLA HD Coverage

Pasadena-based Phoenix Decorating Company built the float. A 50-foot robot named "Family of Explorers" that honors nine

of the Lab's current missions. The robot's arms and legs are adorned with small models of Cassini, Stardust, Jason, Genesis, Galaxy Evolution Explorer (Galex), the Spitzer Space Telescope, the Gravity Recovery and Climate Experiment (Grace), and the twin Mars Exploration Rovers, Spirit and Opportunity. The rovers appear at the bottom as the robot's "roller skates". As the float rolls along Orange Grove, Colorado and Sierra Madre boulevards, special effects, smoke, carbon dioxide, strobe lights and animation. "Rockets" behind the robot's arms were activated. A webcam mounted in the robot's head streamed video of the robot's point of view.

Audience: Resource Site: Pasadena
Client: Kulczycki, Org. 1800
Master: DVCPProHD
Audio 1: Stereo 2: Stereo
01/01/2005 - 0:02:42 Producer: KTLA

SRC-000552 -1/1 **Deep Impact/Delta II Launch w/Isos**
Audience: Resource Site: KSC
Client: DC Agle, Org. 1870
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/12/2005 - 1:30:00 Producer: NASA KSCTV

SRC-000553 -1/1 **Deep Impact Gantry Rollback, Sunrise shots & launch**
High Definition footage of L-1 of Rocket and gantry & rollback of Gantry in early morning hour of launch day. Spectacular shots of rocket from gantry post rollback with sun rising. Launch footage from tracker at NOTU Berm. Time code is UTC time of day.
Audience: Resource Site: KSC
Client: Eric DeJong
Master: DVCPProHD Submaster: DVCPProHD
Audio 1: Mono mix 2: Mono mix
01/12/2005 - 0:40:30 Producer: Borst

SRC-000554 -1/1 **Cassini-Huygens Animation Reel (HD)**
HD animations of Cassini Huygens Mission to Saturn and its moon Titan. Animations include: Cassini Saturn Orbit Insertion(S.O.I), Saturn Ring Flyby aka Cassini's Wild Ride, Titan Map, and Huygens Probe descent to Titan.
Audience: News Resource
Client: Xaviant Ford
Master: DVCPProHD Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix

01/19/2005 - 0:11:40 Producer: Chris Leung/SSV Team

SRC-000555 -1/1 **Cassini Huygens Probe Release and Descent Animation**

Produced by the Solar System Visualization Group

Audience: Resource Site: Dial Lab

Client: Eric De Jong

Master: DVD

Audio 1: silent 2:

01/14/2005 - 0:03:00 Producer: Zareh Gorjian

SRC-000559 -1/1 **Apollo 15 - In the Mountains of the Moon**

JSC-supplied this video of the Apollo 15 moon mission.

Audience: Resource

Client: Hill

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

01/31/2005 - 0:28:00 Producer: JSC

SRC-000562 -1/2 **Return to Flight Resource Reel**

Audience: Resource Site: JSC

Client: Media Relations

Master:

Audio 1: Mono mix 2: Mono mix

02/01/1995 - 1:01:30 Producer: JSC

SRC-000562 -2/2 **Return to Flight Resource Reel**

Audience: Resource Site: JSC

Client: Media Relations

Master:

Audio 1: Mono mix 2: Mono mix

02/01/1995 - 0:51:30 Producer: JSC

SRC-000565 -1/1 **Goldstone Aerials**

Goldstone Aerials shot by Jack Dawson of Mars Station. Film to tape transfer. Photo lab has original film.

Audience: Resource Site: Goldstone, CA

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/26/1988 - 0:31:00 Producer: Dawson

SRC-000566 -1/1 **B-Roll Shots of Caltech Campus**

Various shots of Caltech Campus in Pasadena, CA. Shot on unknown date. Good shot of CIT sign at end of tape.

Audience: Resource Site: CIT

Client:

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/30/1999 - 0:20:00 Producer: Semerano

SRC-000567 -1/1 **Robert Goddard First Launch B-Roll Footage**
Historic launch marks the beginning of the exploration of Space; 75th Anniversary of 1st liquid propelled Rocket Launch. File footage from Goddard numbered G01-019
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/12/2001 - 0:24:49

SRC-000569 -1/1 **Return to Flight Crew Activities**
Resource Reel JSC 1988 8B provided by JSC.
Audience: Resource Site: JSC
Client: Buis
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix JSC 1988-8B
02/25/2005 - 1:45:00 Producer: JSC

SRC-000571 -1/2 **Mars Reconnaissance Orbiter in Thermovac at Lockheed Martin**
Shots of Mars Reconnaissance Orbiter being removed from Thermovac at Lockheed Martin in Colorado. Spacecraft is lifted by crane out of Thermovac and put on ground. Shot for Eric DeJong as part of 3-D imaging. RIGHT CAMERA VIEW
Audience: Resource Site: LMA in Col.
Client: Eric DeJong
Master: DVCPProHD Submaster: DVCPProHD
Audio 1: Mono mix 2: Mono mix
02/28/2005 - 0:46:00 Producer: Borst

SRC-000571 -2/2 **Mars Reconnaissance Orbiter in Thermovac at Lockheed Martin**
Shots of Mars Reconnaissance Orbiter after being removed from Thermovac at Lockheed Martin in Colorado. Spacecraft is on ground and then tilted forward. Shot for Eric DeJong as part of 3-D imaging. RIGHT CAMERA VIEW
Audience: JPL Resource Site: LMA in Col.
Client: Eric DeJong
Master: DVCPProHD Submaster: DVCPProHD
Audio 1: Mono mix 2: Mono mix
02/28/2005 - 0:25:30 Producer: Borst

SRC-000575 -1/1 **Beauty Shots of JPL & Devil's Gate Spillway from Normandy Court**
Zooms & pans. Blue sky and sky with dramatic clouds. Shot

after rainstorm, so arroyo has water in it and there is a heavy flow over the spillway.

Audience: Resource

Client: JPL

Master: DVCPProHD

Audio 1: Nat sound 2: Nat sound

02/23/2005 - 0:26:05 Producer: Borst/Kennedy

SRC-000593 -1/1

NOAA-N Launch Coverage

The NOAA-N spacecraft launched on a Boeing Delta II 7320-10 space launch vehicle from Vandenberg Air Force Base, Calif. at 3:22:01.566 a.m. PDT, May 20, 2005, after a perfect countdown. NOAA-N is the latest polar-orbiting satellite developed by NASA for the National Oceanic and Atmospheric Administration (NOAA). NOAA-N will collect information about Earth's atmosphere and environment to improve weather prediction and climate research across the globe.

Audience: Gen. Resource Site: Vandenberg AFB

Client: Bernard Tiongco, Org. DSN

Master: DVD

Audio 1: Mono mix 2: Mono mix

05/20/2005 - 1:25:00 Producer: NASA TV

SRC-000596 -1/1

Mars Audio Only telephone press conference at AGU conference

Dr. Steve Squires, Richard Morris and Jim Erikson discuss recent activities of Opportunity and Spirit rovers.

Audience: News Resource Site: telephone

Client: Guy Webster, Org. 181

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix

05/24/2005 - 1:00:00 Producer: Hanchett

SRC-000599 -1/1

Deep Impact Animation, Dan Maas - Standard Definition B-roll

Animation begins from launch to separation through impact.

Audience: Resource

Client: Media/Agle

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Silent 2: Silent

06/17/2005 - 0:04:15 Producer: Savona

SRC-000618 -1/1

Mars Reconnaissance Orbiter (MRO) Pre-Launch Resource Tape

Animation of the Mars Reconnaissance Orbiter and highlights of the spacecraft being transported from Lockheed Martin Space Science Facility to Cape Canaveral and reassembled in the Payload Hazardous Servicing Facility at Kennedy Space Center.

Audience: Gen. News Resource
Client: Media Relations, Org. 187
Master: DVCProHD Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/04/2005 - 0:23:37 Producer: Passaniti

SRC-000623 -1/3 **Launch of MRO taped off NASA T.V.**
Activities at KSC of the Mars Reconnaissance Orbiter one hour prior to liftoff thru liftoff to one hour after.
Liftoff occurs on tape 2 of 3 at 17:43 followed by replays of the event from several angles.
Audience: Resource Site: KSC
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/12/2005 - 1:01:00 Producer: KSC (Semerano)

SRC-000623 -2/3 **Launch of MRO taped off NASA T.V.**
Activities at KSC of the Mars Reconnaissance Orbiter one hour prior to liftoff thru liftoff to one hour after.
Liftoff occurs on tape 2 of 3 at 17:43 followed by replays of the event from several angles.
Audience: Resource Site: KSC
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/12/2005 - 1:01:00 Producer: KSC (Semerano)

SRC-000623 -3/3 **Launch of MRO taped off NASA T.V.**
Activities at KSC of the Mars Reconnaissance Orbiter one hour prior to liftoff thru liftoff to one hour after.
Liftoff occurs on tape 2 of 3 at 17:43 followed by replays of the event from several angles.
Audience: Resource Site: KSC
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/12/2005 - 0:33:00 Producer: KSC (Semerano)

SRC-000624 -1/1 **MRO Control Room at JPL during Spacecraft Acquisition**
The control room at JPL during the time the Mars Reconnaissance Orbiter was acquired by ground stations after spacecraft separation.
Audience: Resource Site: JPL
Client:
Master: DVCPro25

Audio 1: Mono mix 2: Mono mix
08/12/2005 - 0:27:00 Producer: Semerano

SRC-000630 -1/1

MRO/ATLAS V Various Compiled Masters

5/8-7/18/2005

Audience: Resource

Site: NASA HQ

Client: Margeret Persinger

Master: DVCProLP

Audio 1: Mono mix 2: Mono mix

05/08/2005 - 0:51:03 Producer: NASA HQ

SRC-000631 -1/1

Wet Dress Rehearsal- MRO Encapsulation - MRO to Pad

7/19-28/2005

Audience: Resource

Site: NASA HQ

Client: Margeret Persinger

Master: DVCProLP

Audio 1: Mono mix 2: Mono mix

07/19/2005 - 0:05:35 Producer: NASA HQ

SRC-000632 -1/1

**MRO/Atlas V - Atlas Space Operations Center and Launch from CX41
HD**

Audience: Resource

Site: KSC

Client: Margaret Persinger

Master: DVCProLP

Audio 1: Mono mix 2: Mono mix

08/12/2005 - 0:04:43 Producer: Glenn Bensen

SRC-000637 -1/1

Mars Exploration Rover "Opportunity" Launch - NAT Sound

Launch of Mars Exploration Rover "Opportunity" with natural
sound.

No commentary.

Audience: Gen. News Resource

Client: Xaviant Ford

Master: DVCPro25 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/13/2005 - 0:01:00 Producer: KSC

SRC-000639 -1/1

Venus Express animation and comp reel - from ESA

Dubbed from PAL. Contains animation of trajectory of the
mission and several produced segments explaining all phases
of the mission.

Audience: Resource

Client: JPL

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

10/25/2005 - 0:47:00 Producer: ESA

- SRC-000641 -1/1 **MER Animation-HD Version with sound FX**
 The most recent Dan Maas version includes-
 EDL, egress from landing platform, roving and RATing.
 Audience: JPL Resource Site: Mars
 Client: Steve Squyres-MER
 Master: DVCPProHD
 Audio 1: Mono mix 2: Mono mix
 10/27/2003 - 0:06:45 Producer: D.Maas
- SRC-000643 -1/1 **B-Roll of ATHLETE**
 Various HD shots of ATHLETE, the latest project from the
 Lunar Robotics Test & Development Facility. ATHLETE looks
 like a giant wheeled robotic spider. Edited for distribution
 to the Jason Foundation. 1st version letterboxed, 2nd
 version full screen.
 Audience: Edu. NASA Resource Site: Bldg 103
 Client: Mars Pub Engage
 Master: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 10/28/2005 - 0:11:39 Producer: Lear/Kennedy
- SRC-000644 -1/1 **Deep Impact Comp Reel**
 Compilation of video and animation clips used during
 coverage of the Deep Impact mission's successful rendezvous
 with Comet Tempel 1.
 24 elements, each with a descriptive slate.
 0:27 Animation: Launch
 1:31 Animation: Mission
 2:00 Video: S/C assembly, installation, erecting rocket
 0:18 Animation: Instruments inside S/C on pad
 0:23 Video: Launch v1
 0:37 Video: Launch v2
 0:16 Video: Launch ISO 1
 0:23 Video: Launch ISO 2
 0:18 Animation: Trajectory of Comet Tempel 1
 0:13 Animation: Trajectory of S/C from Earth
 1:23 Animation: Trajectory for entire mission (aka
 "God's-Eye View")
 0:15 Video: Impact Test 1, side view
 0:15 Video: Impact Test 1, top view
 2:46 Video: Impact Test 2, side view
 1:57 Video: Impact Test 2, top view
 0:18 Video: POV Impactor as it hits comet
 0:04 Video: HRI (High-res camera) view of impact
 0:07 Video: MRI (Medium-res cam) view of impact

0:12 Video: Hubble view of impact
0:26 Video: mclr view of impact
0:30 Video: Lookback at impact from S/C
0:12 Video: Real time Ejecta
0:12 Video: Lookback at plume from S/C
0:35 Video: Control Room Reaction to Success
Audience: Resource
Client: Agle
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
10/31/2005 - 0:17:16 Producer: Kline

SRC-000648 -1/1

Historical Spacecraft Animation for Online Museum

In order of appearance: Surveyor at the Moon, Mariner 2 at Venus, Mariner 4 at Mars, Voyager 2 at Neptune, Magellan at Venus, Galileo at Jupiter, Stardust at comet Wild 2, Deep Space 1 at comet Borrelly, Cassini releasing Huygens probe to Titan.

Audience: Resource

Client:

Master: DVCPPro50

Audio 1: MOS 2: MOS

03/24/2003 - 0:00:20 Producer: Semerano

SRC-000651 -1/1

Merlin Archive #4 - Viking, Mars '69, MVM, Mariner 9, Surveyor III

Good quality film transfers of various productions compiled for a Merlin video disk system.

:00 "Planet Mars" - JPL 1078 - 1979

An intriguing story of the exploration of our celestial neighbor from the beginning through the Seventies; early investigation by telescope, Mariner spacecraft, the Viking Orbiters, and the landing of Viking robotic Landers on the Martian surface. Included are scenes from the JPL control room during the first landing. Using animation and actual images, theories of how the planet was formed are explained.

The influences weather, meteorites, volcanism on the surface. The difficulties of life detection were discussed.

Appearing in the film: A. Thomas Young, James Martin, Ronald Greenly and Harold P. Klien. Produced by Lester Novros of Graphic Films for NASA. Color/Sound, general interest, 28.5 min.

:29 "Mariner Mars '69 Far Encounter Sequence" - JPL 911 - 1969 - Beautifully composed film. Interesting stills illustrating the Mars encounter. Black & White/Sound, general interest, 3 min.

:33 "Mercury Venus Mission" - JPL 1016 - 1974

Provides a quick look at the Mariner 10 dual planet flyby. Describes the use of gravity assist for multiple planet encounters. Shows examples of high resolution imagery of the Venusian cloud cover and the cratered, moon-like surface of Mercury. Color/Sound, junior high & up, 6 min.

:39 "A New View of Mars" - JPL 1017 - 1974

A ten minute film that explores old concepts of the planet Mars, reviews the surprising planet revealed by Mariner 9 and looks to the future search for life on Mars by the Viking Project. A fast paced film using animation and three dimensional models of Martian volcanoes and other features. Color/Sound, general interest, 10 min.

:49 "Surveyor III Soil Sampler Sequence" - JPL 765 - 1967
Surveyor III mission photos of the soil sampler; produced by JPL. B&W/Silent, general interest, 2 min.

:51 "Surveyor III Mission Sunset Sequence of Lunar First Day" - JPL 764 - May 1967

Includes animation of a series of 121 wide-angle and 9 narrow angle television frames taken May 3, 1967 of a lunar sunset by the Surveyor 3 spacecraft. B&W, 3:40

Audience: Gen. Resource

Client: JPL Public Affairs

Master: 1"C Submaster: DVCPRO25

Audio 1: Mono mix 2: Mono mix

03/21/1985 - 0:54:00 Producer: PIO

SRC-000652 -1/1

Merlin Archive - Ranger 9, Surveyor, Mariner 9 & 10, Voyager 1 & 2

Good quality film transfers of various productions compiled for a Merlin video disk system.

:02 "Ranger IX Television Pictures of the Moon" - JPL 645 - June 1965, B&W/Sound

:08 "Surveyor G Pre Launch Clip"

:12 "Mariner Mars Pre Launch Clip" B&W

:16 "Mariner 10 Pre Mercury News Clip" B&W

:21 "Voyager 1 Jupiter Approach, Blue Filter Version" - 2/1997, color

:22 "Voyager 1 Jupiter Approach, Blue Filter, Red Spot" - 1/1979, color

:24 "Voyager 1 Encounter Animation" - 1979

:27 "Voyager 1 Jupiter Rotation" - 1979

:28 "Voyager 1 Jovian System

:30 "Voyager 2 Jupiter Violet"

:33 "Voyager 2 Violet"

:34 "Voyager 1 Saturn Rotation"

:35 "Voyager 1 Saturn Rings"

:36 "Voyager 1 Saturn Rotation"

:37 "Voyager 1 Saturn Rings"
:38 "Voyager 1 Saturn Approach"
:39 "Voyager 1 Saturn Departs"
:40 "Voyager 2 Saturn Zooms"
:41 "Voyager 2 Saturn Star Occultation"
:43 "Voyager 2 Saturn Simulation"
:48 Robotics Demo, an early rover
Audience: Resource
Client: JPL Public Affairs
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/27/1982 - 0:58:00 Producer: PIO

SRC-000653 -1/1

Journey to the Comets

Film Transfer 5/12/86. Production date is approximate. The polished film describes a proposed mission to flyby Halley's Comet and rendezvous with comet Temple 2 in 1988. The spacecraft would have been launched in 1985 using the Space Shuttle. The spacecraft would use ion propulsion and very large solar panels. Dr. Joseph Ververka, Cornell U., Dr. Kenneth Atkins, JPL, and Dr. Arden Albey, JPL, are interviewed. Jim Blinn animation and other graphics are used.

Audience: Resource
Client: Ken Atkins/Bristow
Master: 1"C
Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 1099???
01/01/1981 - 0:27:00 Producer: JPL Photo Lab

SRC-000654 -1/1

Voyager Saturn Computer Animation VS-IV-1

Film transfer, 8/17/90. Jim Blinn pre-encounter animation, with narration, of the Voyager 1 flyby of Saturn and its moons, Titan, Mimas, Enceladus, Tethys, Dione, and Rhea.

Audience: Resource
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/01/1980 - 0:04:38 Producer: Kohlhase/Blinn

SRC-000664 -1/1

Stardust L-30 Briefing at HQ - Roll-ins

0:30 HIRST - Launch; 0:26 HIRST Trajectory;
0:35 HIRST - Encounter Highlights;
0:23 DUXBURY SRC Separates from spacecraft;
1:03 DUXBURY EDL Path;
0:41 DUXBURY - Infrared Recovery Rehearsal;
0:37 BROWNLEE - Cleanroom Rehearsal

Audience: Resource
Client: Agle
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/16/2005 - 0:05:14 Producer: Kline

SRC-000692 -1/1 **Flight Test - Ercoupe Airplane Without & With Aux. Jet Propulsion**

Full Title:

Flight Test of the Ercoupe Airplane Without & With Auxiliary Jet Propulsion at March Field, California. By the Air Corps Jet Propulsion Research Project. Galcit Project No. 1.

California Institute of Technology, Pasadena, California.

The test was conducted to study effect of auxiliary jet propulsion on the shortening of take-off distance and time, airplane stability and the effect on airplane structure.

Piloted by Capt. H. A Boushey, Jr., Air Corps Materiel Division.

Early scenes of testing the jet at a remote hillside area, probably JPL. Units delivered 27 lb. thrust were made by the Propellant Section.

Tests on the Ercoupe Airplane included static tests, taxi, takeoff, and at 11,400 ft with various amounts of units installed.

Take-off results with 6 units: Without 580 ft., 13.5 sec, With jet 300 ft., 7.5 sec.

Audience: Resource

Site: JPL/March Field

Client: Baggett, Org. 1800

Master: DVCPPro25

Audio 1: Silent 2: Silent Cross Ref: JPL 5

16mm color film trans. 1/30/06 FotoKem, subtitled

06/23/1941 - 0:17:45 Producer: Transfer by Bridges

SRC-000693 -1/1 **JPL Main Gate 1957**

Shows a red truck and Army trailer carrying a large object covered by a white tarp entering the JPL main gate, then located north of building 111. Also blue station wagon goes through the gate.

Film transfer made 1/30/06.

Audience: Resource

Site: JPL gate

Client: Baggett, Org. 1800

Master: DVCPPro25

Audio 1: Silent 2: Silent Cross Ref: Rowe #4

16mm color film transferred 1/30/06 by FotoKem

01/01/1957 - 0:01:18 Producer: transfer by Bridges

SRC-000694 -1/1 **Corporal - Sergeant - JPL 1947 to 1952**

Sergeant missile launch; view of JPL; drafting room; Corporal on the ground; Corporal at WSPG; fueling Corporal at WSPG; erecting Corporal with truck unit; two men working on Corporal motor (at JPL?); JPL guard gate at Pit F; test firing Corporal motor; Scale-Sergeant at Camp Pendleton; early Corporal on stand at WSPG; (Sergeant?) air brakes (missile horizontal) and various assembly procedures.

Audience: Resource Site: JPL-WSPG

Client: Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent

16mm color film transferred 1/30/06 by FotoKem

01/01/1952 - 0:09:39 Producer: Transfer by Bridges

SRC-000695 -1/1

Miss Guided Missile Parade

About 1961. Shows cars parading through JPL with the Queen candidates: Cece, Sharon, Yvonne, Jan and Joann Lott and other Queen candidates waving to the JPL employees.

Audience: Resource Site: JPL

Client: Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent

16mm color film transferred 1/30/06 by FotoKem

01/01/1961 - 0:02:52 Producer: Transfer by Bridges

SRC-000696 -1/1

JPL Construction 1945

Shows buildings being framed; general camera pan of Lab, taken from hillside; cement walls; Pit F (by the Channel).

Audience: Resource Site: JPL

Client: Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #1

16mm color film transferred 1/30/06 by FotoKem

01/01/1945 - 0:13:36 Producer: transf by Bridges

SRC-000697 -1/1

JPL History A20A - Explorer #7 DSN History Print

A20A test (w/fades; no title; print of original); WAC Corporal @ WSPG: 1945 test fire launch (w/fades); Private F; Private A (fade to:) Corporal being loaded; /dark gray Corporal @ WSPG gantry/; field launch of Corporal at WSPG; airborne Corporal trucks moving out; Sergeant launch; an Explorer daytime launch (w/ nice clouds); an Explorer satellite in a studio, two lab-coated men place it on a wooden support.

Audience: Resource
Client: Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #2
16mm color film transferred 1/30/06 by FotoKem
/ / - 0:03:50 Producer: transfer by Bridges

SRC-000699 -1/1

JPL 501-2 Early Liquid Rockets, 1940-1950's

Various scenes from early rocket testing. Some subtitles explaining scenes and projects. Includes Ercoupe, Centrojet, Corporal, Private A and Private F.
A print of a tape-spliced film. Begins with a rolling title: ACJP Project; Ercoupe report footage various scenes, not the original edit;
@ 4:40: A-0A filmhead;
@ 5:: Aerotojet filmhead; Centrojet;
@ 9:11: b&w of Channel motors test fire [3rd man w/ a pipe; Malina; carriage motor static test fire, in color;
@ 11:15: motors of carriage on Channel: static test plus a run down the track plus the carriage on fire and the destruction of the carriage;
: JPL Logo fades to Corporal, then back to old 1940 Lab [maybe original film of this scene]; Ercoupe motor test at Lab and then at March Field;
@ 16:02: Private A assembly;
@ 19:32: Private F;
@ 20:07: at Lab
Audience: Resource
Client: Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: JPL 501 Rowe #1
16mm color film transferred 1/30/06 by FotoKem
/ / - 0:22:33 Producer: Transfer by Bridges

SRC-000700 -1/1

Jet Propulsion Laboratory Construction - 1957

Raw scenes taken of various buildings under construction. Building 67 being stuccoed and others along Explorer Road. Also some general wide shots of JPL.
Audience: Resource Site: JPL
Client: Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #4
16mm color film transferred 1/30/06 by FotoKem
12/19/1957 - 0:02:56 Producer: Bob Pace (Bridges)

SRC-000703 -1/1

Mars Reconnaissance Orbiter Briefing Roll-ins for Feb. 24, 2006 at HQ

Trajectory Earth to Mars 0:32 + 0:10 freeze
MRO at Mars, burn, see Earth again 1:06
Aerobraking 0:37
Instruments 1:08
"Swaths" 0:30
Resolution Comparison 0:34 ALL SILENT
Audience: News Resource
Client: Webster
Master: DVCPRO25
Audio 1: MOS 2: MOS
02/22/2006 - 0:05:23 Producer: Kline

SRC-000729 -1/1

BR1055 Scenes for "JPL" 1957 Version

Raw footage of various scenes including Caltech Guggenheim, dances (Danny Stewart Orchestra), panoramic JPL views, water behind Devil's Gate Dam, getting on the Lab bus, a Corporal launch, test motor firing against a checkered background. Dates unknown, pre-1958.
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: AVC-2006-076 89
16mm color film transferred 4/08/06 by FotoKem
04/08/2006 - 0:05:46 Producer: Bridges

SRC-000731 -1/1

The Corporal Guided Missile XSSM-A-17

Cascade Corp Original Cuts/Outs 1952 - Raw footage: launches; testing; set up; animations and drawings; engineering footage; plotters; control room; tracking trailer with antenna; assembly in a plant; men setting up.
Audience: Resource
Client: B. Baggett
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #89
16mm color film transferred 4/11/06 by FotoKem
12/31/1952 - 0:19:46 Producer: Cascade (SLB)

SRC-000732 -1/1

Viking Landing, Raw Footage in SFOF, von Kármán Aud., July 20, 1976

Viking landing, operations in SFOF, July 20, 1976.
Raw 16mm color footage of the JPL Space Flight Operation Facility and von Kármán Aud.
People shown include: Robert Bristow, James Fletcher, Hearth, Noel Hinners, Jim Martin, Gentry Lee, Victoria Melliken, Bruce Murray, Phil Neuhauser, Bob Parks, Bill Pickering, Gerald Soffen, Tom Young and others.

Scenes include:

Jim Martin and other Viking personnel in the SFOF; News conf. in von Kármán Auditorium (Phil Neuhauser handling mic); More SFOF footage with Martin, Bob Parks., Viking hat; Martin and NASA Administrator Dr. James C. Fletcher on phone (with President?); Martin interview; News Conference with Fletcher, Hinners, Hearsh, Martin, Young on stage; Gentry Lee hugging Soffen; press with cameras; PIO Bristow on phone; reporters typing; Pickering, Fletcher, Martin, Murray, Lee, Soffen and others shaking hands in SFOF; SFOF control room; Martin in Viking T-shirt; Mars surface on monitor; (some scenes from a different camera angle shown at beginning of tape); Vicki Melliken.

Audience: Resource

Site: vKA & SFOF

Client: B. Baggett

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #261

16mm color film transferred 4/11/06 by FotoKem

07/20/1976 - 0:45:30 Producer: Graphic Films (SLB)

SRC-000733 -1/1

"Viking SFOF 1976 ORIG ECO HEAD 2093"

Raw 16mm color footage.

Three sets of shots (candid, live, cinema v,rit,): men around a table discussing; Jim Martin doing a tv report out of the Blue Room; men and women in coats and ties celebrating (B. Murray, Pickering, R. Bradbury, Soffen, G. Lee, Harold Brown - CIT President, Pete Lyman, Tom Young, flight project director Jim Martin, and many others)

Audience: Resource

Site: JPL SFOF

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #17

16mm color film transferred 3/31/06 by FotoKem

07/20/1976 - 0:18:29 Producer: JPL Photo Lab (SLB)

SRC-000734 -1/1

Viking Landing, Operations in SFOF, 7/20/1976 and 1/17/1977

Raw 16mm color footage (5 rolls combined)

Candid scenes of people in the Space Flight Operations Facility, including James Fletcher, Jim Martin, Bruce Murray, Bill Pickering, Gerald Soffen, Charles Terhune, Tom Young and others. A written note to the Lander from the Orbiter. Mission clock showing 6 min. to touchdown. Cheers and celebration with champagne, cake and t-shirts.

Carl Sagan and a woman looking at landing images on a video monitor. People looking at lander prints.

People celebrating with champagne, cigars and viking hats.

Martin giving John Slonski a t-shirt. Martin and Young walking away from 264 down to von Kármán Aud. Martin meeting reporters. Audience shots of a packed news conference. Tim Mutch and other scientists looking at images on rolls. Mutch interviewed in the Blue Room studio.

Audience: Resource Site: SFOF, 264, vKA

Client: B. Baggett

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #260

16mm color film transferred 4/11/06 by FotoKem

07/20/1976 - 0:49:34 Producer: JPL Photo Lab (SLB)

SRC-000740 -1/1

Project Development 1941-43

16mm color footage with subtitles:

Includes just the flights from "Flight Test of the Ercoupe Airplane Without and With Auxiliary Jet Propulsion" 1941, March Field, August 6 to 23, 1941. (ends at 3:19 min.);

Includes "Flight Tests of the A-20A Airplane Equipped with Two 1000 Lb Thrust Liquid Propellant Jet Units," 19 (ends at 5:13 min.).

Includes one launch from "Private A," 1942 (ends at :05:41 min.).

Includes "The Aerojet Test Unit," test run # 16 (ends at 8:5 min.)

Includes "Two underwater runs of a solid propellant rocket of 1000 lb thrust," in the Channel, taken through side window, in black and white (ends at 9:41 min.).

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #66

16mm color film transferred 4/8/06 by FotoKem

12/31/1943 - 0:09:41 Producer: JPL (SB)

SRC-000742 -1/1

William Pickering Discussing Explorer 1 Newsreel

Dr. William H. Pickering in a room with Explorer 1 models discusses the launch vehicle, high speed stage and the satellite. Film container dates this production 1/17/1958, launch was 1/31/1958.

This is a transfer from A&B rolls, needs to be edited together for scene dissolves. Audio is synched.

Audience: Gen. Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 298 Rowe148

16mm color film transferred 3/31/06 by FotoKem

01/17/1958 - 0:04:54 Producer: JPL (SB)

SRC-000743 -1/1

JPL 300: Explorer 1 Scenes

JPL Number 300: a set of short scenes: Explorer 1 lift off; Al Hibbs speaking to a group at table; Pickering explaining Explorer 1; George Ludwig (Van Allen's assistant) with opened parts of transmitter of Explorer 1; controllers at panels; animation of satellite moving against background.

Date is about 2/1958.

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: JPL 300 Rowe148

16mm color film transferred 3/31/06 by FotoKem

02/01/1958 - 0:02:56 Producer: JPL (SB)

SRC-000744 -1/1

JPL Building Construction 1947

Shows different JPL buildings under construction or recently completed including Engineering Building, Test Pit F next to The Channel, and a new water storage tank. Also includes slightly jerky pans of Lab showing hillside test pits and a partially built Gulch.

Audience: Resource

Site: JPL

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: JPL 45 Rowe#187

16mm color film transfer made 3/31/06 by FotoKem.

12/31/1947 - 0:07:05 Producer: JPL (SB)

SRC-000745 -1/1

Voyager 1 Jupiter Approach Blue Filter Planet and Red Spot Feb. 1979

Shows still images of approaching Jupiter taken from Voyager (fixed position) and zoom in on Red Spot, animated so that Jupiter and its atmosphere appear to rotate and move. Taken with the blue filter to enhance the atmospheric detail.

"When we [the JPL Imaging Laboratory/Imaging Team] first came up with that [the Blue Movie], people said that was one of the great science products to come out of the space program, seeing the atmosphere of Jupiter speeded up by a factor of whatever" (Charles Avis-David Swift draft interview transcript, p. 4, JPL Archives).

Audience: Resource

Site: Jupiter

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #37

16mm color film transfer made 3/31/06 by FotoKem.

02/28/1979 - 0:03:01 Producer: JPL IPL (sb)

SRC-000746 -1/1 **Wide Field Planetary Camera, 1984-85 - Assembly in SAF High Bay 31**

Date unknown. Raw footage of the camera assembly in the clean room at JPL. Roll numbers: D-48183, D-48478, D-48663.

Audience: Resource Site: JPL SAF

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #621

16mm color film transfer made 3/31/06 by FotoKem.

01/01/1985 - 0:10:52 Producer: JPL (sb)

SRC-000747 -1/1 **Wide Field Planetary Camera, 1984-85 - Move by Crane in SAF**

Date unknown. Raw footage of the Wide Field Planetary Camera (WFPC) in the clean room at JPL. Moved by crane from work area to a transport trailer by men in clean room suits.

Audience: Resource Site: JPL

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #621

16mm color film transfer made 3/31/06 by FotoKem.

01/01/1985 - 0:03:47 Producer: JPL (sb)

SRC-000748 -1/1 **Mars Pathfinder Deployment Test #352, September 15, 1994**

Raw footage. Using time lapse photography, an air bag cluster is dropped from a ceiling of a JPL building onto the floor with rocks. The cluster deflates, retracts, the lander unfolds, and a small rover moves off of one of the petals.

Audience: Resource Site: JPL

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #294

16mm color film transfer made 3/31/06 by FotoKem.

09/15/1994 - 0:02:48 Producer: JPL

SRC-000754 -1/1 **Viking Orbiter in von Kármán Auditorium**

Raw footage of the Viking Orbiter full scale model set up in von Kármán Aud. with solar panels deployed and the lander shroud on top. The Mars spacecraft barely fit in the 17 foot high room.

Original 16mm rolls marked "908EC," "J6164 and 165"

Audience: Resource Site: von Kármán Aud.

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #259

16mm color film transfer made 5/19/06 by FotoKem.

06/30/1976 - 0:05:46 Producer: JPL Photolab (SB)

- SRC-000755 -1/1 **Viking Lander Scoop Demo**
Raw footage of the Mars Viking Lander's scoop being deployed and digging in a sand bed, studio setting. Lighting is dramatic, intended for a production. Film rolls marked "Rolls 43, 44,5;" "GK6;" "1211EC15;" "B3330"
Date is approximate.
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #259
16mm color film transfer made 5/19/06 by FotoKem.
12/31/1975 - 0:05:51 Producer: Photo Lab (SB)
- SRC-000756 -1/1 **Viking Orbiter Assembly in the JPL Spacecraft Assembly Facility**
Raw footage of the Mars VO-75 being assembled in the JPL SAF. Includes moving assemblies on a crane, pans of the uncovered bus, c/u of operators, moving parts in by forklift, and assembling parts.
16mm rolls JG 1766 to 1769. Date is approximate.
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #259
16mm color film transfer made 5/19/06 by FotoKem.
12/31/1975 - 0:11:50 Producer: JPL Photo Lab (SB)
- SRC-000757 -1/1 **Ranger 9 Television Pictures of the Moon**
The black & white images taken as the Ranger 9 impacted the Moon. The final image taken before impact has a resolution of 0.3 meters.
Launched 21 March 1965, impacted Moon 24 March 1965 at 14:08:20 UT, Latitude 12.91 S, Longitude 357.62E - Alphonsus crater.
Audience: Resource Site: Moon
Client: B. Baggett, Org. 1800
Master: DVCPRO50
Audio 1: Silent 2: Silent Cross Ref: Rowe #89B
16mm B&W film transfer made 5/19/06 by FotoKem.
03/31/1965 - 0:06:19 Producer: JPL (SB)
- SRC-000758 -1/1 **Reel 1 for JPL 80, WAC Corporal Production - Raw Footage**
Scenes preparing for launch include: assembling the booster; the orange WAC launching tower; Malina at WAC landing site;

a flag ceremony [dedication of WSPG?] with women and children at the main headquarters building; various Army leaders; Paul Meeks, Frank Malina (pitching pennies); Slate "10/16/1945 White Sands"; fueling the WAC; putting black powder/lamp black in Black WAC; fueling WAC in the tower; aerial shots of WSPG from observation plane; Paul Meeks and other crew members; Bradshaw and other crew members. Use of chalkboards slates to identify shots. Shows a Ford station wagon, a 'woody', with license W19504. Shows shirtless JPL workers while Army workers wear shirts and ties.

Audience: Resource Site: White Sands PG

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: JPL 80 Rowe #9

16mm color film transfer made 5/19/06 by FotoKem.

10/31/1945 - 0:09:55 Producer: (SB)

SRC-000759 -1/1

Corporal E Film B 1947 - JPL film number 109

Audience: Resource Site: White Sands PG

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: JPL 109 Rowe#12

16mm color film transfer made 5/19/06 by FotoKem.

05/22/1947 - 0:03:14 Producer: JPL (SB)

SRC-000760 -1/1

"Corp" - Four Launches, Corporal and Sergeant - Raw Footage

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: JPL 109 Rowe#14

16mm color film transfer made 5/19/06 by FotoKem.

05/19/2006 - 0:03:27 Producer: JPL (SB)

SRC-000761 -1/1

Launches - 6 Raw Footage Rolls - Corporal, Sergeant & Explorer II

Spliced assemblage with leader markings:

Shows the end of a Corporal flight;

leader: "9WS6-5-1923" (high speed camera): a Sergeant launch;

leader: "9WS 6-24-5" (high speed camera): a Sergeant launch;

leader: "7WS 6-5-510": a Corporal launch in field, Corporal body gray, its nose painted white;

leader: "12 PA 6-5-5" : Explorer II launch;

leader: "12 PA 6-9-5" : Explorer II launch in close up.

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: JPL 109 Rowe#14
16mm color film transfer made 5/19/06 by FotoKem.
05/19/2006 - 0:05:35 Producer: JPL (SB)

SRC-000762 -1/1

"UFO" - Group 1 Exploding Rockets

Raw 16mm film rolls spliced to a series of various exploding and successful launching rockets, with leader titles: probably excised from many sources (leader markings in quote)

NOTE: "PA" means Patrick Airforce Base

"WS" means White Sands Proving Grounds

last of number sequence is flight number; second to last number is camera number:

"7 WS 6-18-1443": Corporal launch with missile leaking thrust from its side;

"21 PA 6-20-0": Atlas launch;

" PA 6/25-21-1023": Atlas launch (color shift of film to pink);

"33 WS 6-18-725": Loki single tube launch;

"9 WS 6-484": Sergeant launch;

" WS 6-6-484": Sergeant launch;

"9 WS 6-34-472": Sergeant blows up in mid-air;

"9 WS 6-41-472": Sergeant blows up in mid-air after launch;

"7 WS 6-57-118": Corporal launch (white nose, gray body, in field);

"7 WS 6-43-118": Corporal launch (w/ red & white gantry @ WSPG);

"16-2090": Atlas launch, high speed camera;

"17-2090": Atlas launch, high speed camera, close up;

"12 PA 6-4-562": Explorer launch [no explosion];

"7 WS 6-12-516": Corporal launch through clouds (field launch);

"6-2096": massive explosion of an Atlas;

"3-2095": Atlas blowing up on launch pad; a clapboard shows no date but indicates launch pad number 14-2.

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #14

16mm color film transfer made 5/19/06 by FotoKem.

05/19/2006 - 0:12:56 Producer: JPL (SB)

SRC-000768 -1/1

Surveyor 1966 Touchdown Press Conference

Raw 16mm color footage (Can 26 RR Roll 1082).

Shows news conference in von Kármán Auditorium with Pickering showing Surveyor to visitor; Parks; Newell; [male

transcriber at work], Jaffee on stage, Garbarini, Milwitsky, Leudeke; shots of media (16mm cameras, large TV cameras).
Audience: Resource Site: von Kármán Aud.
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #550
16mm color film transfer made 5/19/06 by FotoKem.
06/06/1966 - 0:11:08 Producer: R. Rolofson (SB)

SRC-000769 -1/1 **Infrared Astronomy Satellite (IRAS) Raw Footage "736 Holland"**

5 rolls of raw 16mm color footage (date approx.). Includes close ups of IRAS; clean room assembly; USAF C-5 unloading Ball Aerospace IRAS container (shot by 2 separate cameras); C-5 landing; loading Ball IRAS container into truck; delivering IRAS.
(IRAS launched 1/25/1983, not shown)
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #501
16mm color film transfer made 5/19/06 by FotoKem.
01/01/1983 - 0:25:42 Producer: Photo Lab (SB)

SRC-000770 -1/1 **Galileo - Spacecraft Assembly Raw Footage**

Raw 16mm color footage of final assembly of Galileo. Shots of the spacecraft dramatically lit in the Spacecraft Assembly Facility clean room. Complete dolly around the spacecraft looking up at the spacecraft.
Audience: Resource Site: JPL SAF
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #983
16mm color film transfer made 5/19/06 by FotoKem.
04/16/1985 - 0:32:25 Producer: Photo Lab (SB)

SRC-000774 -1/1 **Charles Elachi Interview on SIR-B Experiment**

Raw footage of an interview conducted by an off-camera female interviewer. Elachi in coat and tie, sitting at a desk with the instrument model, chalkboard in background, talking about to be Shuttle-flown synthetic aperture radar B experiment. Close ups at the end.
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix Cross Ref: Rowe #588
16mm color film transfer made 5/19/06 by FotoKem.

06/01/1983 - 0:24:22 Producer: Dawson (SB)

SRC-000775 -1/1 **Time Lapse of the Wide Field Planetary Camera (WFPC) Construction**

Raw 16mm footage taken in the JPL Spacecraft Assembly Facility (SAF). The camera was later installed in the Hubble Space Telescope.

Audience: Resource Site: SAF

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #621

16mm color film transfer made 5/19/06 by FotoKem.

01/01/1985 - 0:02:35 Producer: JPL Photolab (SB)

SRC-000782 -1/1 **WAC Corporal and Corporal Misc. Footage, 1945-1951**

Footage shows: pressing solid charge east JPL in 1951; WAC motor test at Edwards; WAC launcher, August 1945 at WSPG; WAC parachute loading; nose cone assembly; WAC on truck on its way to its launcher; bare-chested Paul Meeks loading and digging impacted motor out of the ground; vertical view of WAC launch; large Corporal motor test at Edwards; Corporal test explosion at Edwards; Corporal graphite vanes in motor exhaust; wind tunnel; at splice: "JPL ." trucks leaving JPL at night; Corporal assembly, delivery, mounting, fueling, gantry roll back, launch; JPL logo. JPL number: 170 and part of JPL 231.

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: JPL 170&231 R16

16mm color film transfer made 7/13/06 by FotoKem.

12/31/1951 - 0:09:13 Producer: JPL Photo (SB)

SRC-000783 -1/1 **Private A Misc. Film Clips**

Unknown date, early 1940s. (apparently original film with material removed by editing)

Shows static test of Private A booster at lab; Private A at Leach Springs; leader: "These 4 scenes out to JPL 40;" Private A booster launch; leader: "scenes out to JPL 402;" booster impact point; leader: "scenes out to JPL 402;" rail up close; dummy launch; leader: "scenes out to JPL 402;" launch; impact point; launch seen from pit, rest of flight; Tiny Tim nose camera; weights.

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #16

16mm color film transfer made 7/13/06 by FotoKem.
08/07/2006 - 0:05:47 Producer: JPL Photo (SB)

SRC-000784 -1/1

Rowe 17 Flight Scenes from Various Films

Includes scenes removed from canned films.

Shows Voyager animation and flyby of Jupiter moons; title:
"Venus Atmosphere in Motion;" several leader headed scenes
made by

Graphic Films inc., 1978 (clapboard);

leader: "44-J-1-M-1195: man with antenna;

leader: "44-J-- ___:" two men folding a solar panel;

leader: PA 30-27- smeared:" launch of Titan;

leader: "24A-2013:" launch of Titan;

leader: "44J.2.-82:" men in a control room;

leader: "26-225:" man with a headphone;

leader: "21-2455:" 2 men with NASA hard hats; Voyager
animation of renderings.

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #17

16mm color film transfer made 7/13/06 by FotoKem.

08/07/2006 - 0:09:12 Producer: JPL/Graphic Films(SB)

SRC-000786 -1/1

Topo Follies: Film to Demonstrate the Use of Digital Topographic Data

1. Topo Follies: "Death Valley, Mars' Olympus Mons, and
Mount Shasta" 02:00

2. Topo Follies II: "A Tour of Mt. Shasta Through Radar
Eyes" 02:30

Early experiments in computer animation techniques to
visualize flying over planetary surfaces.

F. Leberl, H. Fuchs, and J. Raggan of the Technical
University of Graz, Austria did the stereometric data
reduction; Michael Kobrick, of JPL did the image
rectification and computer graphics. Kobrick was the group
leader of the JPL Altimetry and Topographic Mapping Group.
Shows computer manipulation of digital image data for Death
Valley, Mars' Olympus Mons, and Mount Shasta (Topo I:
LANDSAT and Viking; Topo II: Shuttle Imaging Radar on
Challenger, October

1984). Result in a animated false moving image as

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Silent 2: Silent Cross Ref: Rowe #44

16mm color film transfer made 7/13/06 by FotoKem.

12/31/1986 - 0:04:43 Producer: JPL (SB)

SRC-000788 -1/1 **Voyager 1 Jupiter Encounter Film Computer Animation**
Pre-encounter computer animation of imagined Voyager 1 encounter with Jupiter and some of its moons. Voyager 1 made its closest approach to Jupiter on March 5, 1979.
Computer graphic film: "Prod 7904 JPL Computer Animation."
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #21
16mm color film transfer made 7/13/06 by FotoKem.
01/01/1979 - 0:02:52 Producer: JPL (SB)

SRC-000789 -1/1 **Voyager 1 1980 Saturn Approach Zoom Movie**
Shows series of approach photographs of Saturn taken by Voyager 1 (animated and smoothed, some color blips). Same sequence shown twice.
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #22
16mm color film transfer made 7/13/06 by FotoKem.
11/06/1980 - 0:00:55 Producer: JPL (SB)

SRC-000790 -1/1 **Voyager Saturn Rings Rotation plus Other Various Animations**
Animation made from Voyager 1 images taken on October 24, 1980. Over a ten hour period the rings were imaged every five minutes. This 'movie' resulted. Also two small moons were discovered in the movie images just outside and just inside the F ring. The 'movie' was processed by the Image Processing Lab by November 3, 1980.
Also other animations: @ 0:54: asteroid; moon surfaces (varied; lander animation; VOIR
Movie Try 5; "Fruit Pie in the Sky"; surface flight animation; @4:05: Rings Rotation (again); @ 5:04: Palomar telescope; rotating Jupiter surface; VOIR lookdown demonstration animation; end @ 7:00.
NOTE: Quality is grainy and poor color.
Audience: Resource
Client: B. Baggett , Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: VS-5 Rowe #26
16mm color film transfer made 7/13/06 by FotoKem.
10/24/1980 - 0:06:55 Producer: JPL IPL (SB)

- SRC-000791 -1/1 **Voyager 1 Departs Saturn**
Shows images taken by Voyager 1 as it receded from the Saturn encounter (animated and smoothed). Repeated twice.
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: VS-8 Rowe #23
16mm b&w film transfer made 7/13/06 by FotoKem.
11/15/1980 - 0:02:53 Producer: JPL (SB)
- SRC-000792 -1/1 **Voyager 2 - Jupiter Encounter Pre-encounter Animation**
A narrated Voyager 2 pre-encounter computer animation shows the Jupiter fly-by based on Voyager 1 data. Note: film transfer has a pink cast, and slightly dirty, film has deteriorated.
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Mono 2: Mono Cross Ref: Rowe #48
16mm color film transfer made 7/13/06 by FotoKem.
01/03/1986 - 0:03:03 Producer: Blinn/Kohlhase (SB)
- SRC-000793 -1/1 **Voyager II Uranus and Neptune Encounters**
Using computer animation, shows Voyager 2 encounter with Uranus and its moons (Oberon, Umbriel, Titania, Ariel, and Miranda) and Neptune.
Made pre-encounter by James Blinn. [With Charles Kohlhase and Sylvie Rueff's help. Credit: "Voyager Mission Planning and Computer Graphics Laboratory". Cf. Davis, Flyby, p. 111, 146]. Part of film based on the 98-frame flip movie, later printed in the margin of the Voyager Uranus Travel Guide.
About 200 hours of computer time needed to produce 5 minutes of film.
Audience: Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: VU-4 Rowe #25
16mm color film transfer made 7/13/06 by FotoKem.
01/03/1986 - 0:05:45 Producer: Jim Blinn (SB)
- SRC-000803 -1/1 **Pickering's JPL**
Rough collection of short scenes poorly spliced together for Dr. Pickering's retirement party.
Includes tiny pieces of several previous JPL films: Private A (showing Mills how to dig, three visiting Army officers), a WAC launch, Bumper WAC launch, an exploding Corporal, . . .

. Explorer 1 news conference at JPL? with Pickering and DuBridge, Ranger launch and Ranger 7 images, . . . a Surveyor drop test exploding when it hits the ground, stepped Mariner 4 images of the surface of Mars, dignitaries at JPL (Nixon, Johnson, Princess Margaret), . . . Pickering as Rose Parade Grand Marshall, DSN, Animations, Corporal launch.

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPPro25

Audio 1: Silent 2: Silent Cross Ref: Rowe #233

16mm color film transfer made 7/24/06 by FotoKem.

04/01/1976 - 0:18:25 Producer: JPL Photo Lab (SB)

SRC-000852 -1/3 **WAC Roll 1 - Select Footage of WAC Corporal Missile Testing in 1945**

Shows weather balloon, radio sonde [end of "Roll 3" matches image at the head here]; filling balloon; chalk board 10-15-45; three tracking stations; Malina et al @ base; Delsasso, Meeks, Malina and three more men pitching pennies; block house construction; tower construction; White Sands Proving Ground base construction; tower; antennas; air plane; balloon launch; dust devil; dummy rounds in ground; trucks.

Audience: Resource

Site: White Sands

Client: B. Baggett, Org. 1800

Master: DVCPPro25 Submaster: DVD

Audio 1: Silent 2: Silent Cross Ref: Rowe #90

16mm color film transfer made 7/24/06 by FotoKem.

10/15/1945 - 0:12:53 Producer: JPL photo (SB)

SRC-000852 -2/3 **WAC Roll 2 - Select Footage of WAC Corporal Missile Testing in 1945**

Shows fueling WAC; a shirtless Malina and Meeks; launch; radar tracking; vertical view of WAC; impact; impact; Mesick and Meeks; launch; hoist recovery of impacted WAC body; adjusting nozzle number on Tiny Tim; launch with airplane view of launch; launch; vertical view; Black WAC nosecone; impact site; digging; /repeats Reel 3 parachute, nosecone?/; radar; vertical view; radar; graph of radar; Meeks; night launch.

Audience: Resource

Site: White Sands

Client: B. Baggett, Org. 1800

Master: DVCPPro25 Submaster: DVD

Audio 1: Silent 2: Silent Cross Ref: Rowe #90

16mm color film transfer made 7/24/06 by FotoKem.

10/15/1945 - 0:09:32 Producer: JPL photo (SB)

SRC-000852 -3/3 **WAC Roll 2 - Select Footage of WAC Corporal Missile Testing in 1945**

Shows booster test; camera stations; one launch; one dummy launch, two launches; uncrating and assembling WAC (some imbedded titles); parachute and gyro installation; nose cone attached; center of gravity measure; Tiny Tim (from bunker to the bolting on of the fins); Tiny Tim carriage; WAC carriage; hoist into launcher; alignment and settling of WAC on to Tiny Tim; weather balloon.

Audience: Resource Site: White Sands

Client: B. Baggett, Org. 1800

Master: DVCPro25 Submaster: DVD

Audio 1: Silent 2: Silent Cross Ref: Rowe #90

16mm color film transfer made 7/24/06 by FotoKem.

10/15/1945 - 0:11:03 Producer: JPL photo (SB)

SRC-000855 -1/1 **Rotating Mariner Models - Mariner-Venus 67 Pre-Launch Film Clip**

Two film clips:

1. 0:05:15 Shows models (rotating) of Mariner Venus 67, Mariner 2 and Mariner 4 with close ups of Mariner instruments.

2. 0:03:01 Shows men in control room; spacecraft; men reading telex machine; Surveyor animation of sending telemetry to Earth; dropping seismometer to asphalt tile floor; close up of leg of spacecraft; spacecraft antenna; close up of sensing instrument.

Audience: Resource

Client: B. Baggett, Org. 1800

Master: DVCPro25

Audio 1: Silent 2: Silent Cross Ref: Rowe #528

16mm color film transfer made 7/24/06 by FotoKem.

08/04/1969 - 0:08:14 Producer: R. Rolofsin (SB)

SRC-000856 -1/1 **Dr. Elachi Meetings Related to SIR-B, Raw Footage**

Roll 1: Dr. Charles Elachi sitting with team members including Steve Wall, Diane Evans, looking at computer displays, maps, and photos of SIR-B coverage.

Roll 2: Elachi teaching a SIR-B class in 167-151. C/U of participants.

Audience: Resource Site: JPL

Client: B. Baggett, Org. 1800

Master: DVCPro25

Audio 1: Silent 2: Silent Cross Ref: Rowe #598 & 599

16mm color film transfer made 7/24/06 by FotoKem.

02/28/1982 - 0:22:14 Producer: JPL Photo Lab (SB)

SRC-000857 -1/1 **Solar Observatories Time Lapse Footage**

Shows shafts of sunlight passing during the day over
Petroglyphs, located near the Painted Desert,
Arizona. A dirty and scratched work print with A & B rolls
spliced together with dissolve editing marks.
The A&B rolls are in Rowe #445 (not transferred).
Audience: Resource Site: Arizona
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Silent 2: Silent Cross Ref: Rowe #444
16mm color film transfer made 7/24/06 by FotoKem.
09/01/1981 - 0:13:59 Producer: Photo Lab (SB)

Productions and Video Files

- AVC-1971-030-1/2 **Mars and the Mind of Man**
Intro: Gene Shoemaker - JPL
Writer: Ray Bradbury
Writer: Arthur C. Clarke
Bruce Murray, Mariner Team Member & CIT
Carl Sagan, Cornell Univ. & Mariner Team Member
Walter Sullivan, Science Editor - NY Times
Audience: Gen. JPL Site: Ramo Hall/CIT
Client: P.D. Neuhauser
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/12/1971 - 0:55:00 Producer: Steve Bridges
- AVC-1971-030-2/2 **Mars and the Mind of Man**
Part 2
Audience: Gen. JPL Site: Ramo Hall/CIT
Client: P.D. Neuhauser
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/12/1971 - 0:25:00 Producer: Steve Bridges
- AVC-1971-035-1/2 **Mariner '71 Press Conference (Mariner 9)**
Brad Houser
Audience: News
Client: P.D. Neuhauser
Master: 1" IVC Submaster: 1"IVC
Audio 1: Mono mix 2: Mono mix
12/03/1971 - 1:00:00 Producer: Steve Bridges
- AVC-1971-035-2/2 **Mariner '71 Press Conference (Mariner 9)**
Brad Houser
Audience: News
Client: P.D. Neuhauser
Master: 1" IVC Submaster: 1"IVC
Audio 1: Mono mix 2: Mono mix
12/03/1971 - 0:32:00 Producer: Steve Bridges
- AVC-1972-015-1/1 **MM '71 Status Report (Mariner 9)**
Participants - Ted Pounder, Tom Urebalovich, Norm Haynes,
Bob Steinbacher, Bruce Whitehead
Audience: News
Client: Gordon Smith

Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
04/05/1972 - 0:27:00 Producer: Steve Bridges

AVC-1972-017-1/2 **Summary of Mariner 9 Science Results**
Robert Steinbacher, Brad Houser
Audience: News
Client: Brad Houser
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
04/20/1972 - 1:00:00 Producer: Steve Bridges

AVC-1972-017-2/2 **Summary of Mariner 9 Science Results**
Robert Steinbacher, Brad Houser
Audience: News
Client: Brad Houser
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
04/20/1972 - 0:40:00 Producer: Steve Bridges

AVC-1972-023-1/5 **Meet the Martian Investigators**
Mariner 9 pictures of Mars
By: Dr. Bruce Murray
Mariner 9 Scientific experiment results
Robert Steinbacher
Audience: News Site: von Kármán
Client: Gordon Wenger
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/17/1972 - 1:00:00 Producer: Steve Bridges

AVC-1972-023-2/5 **Meet the Martian Investigators**
Mariner 9 Scientific experiment results
Robert Steinbacher
Audience: News
Client: Gordon Wenger
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
05/17/1972 - 1:00:00 Producer: Steve Bridges

AVC-1972-023-2/5 **Meet the Martian Investigators (Cont.)**
Mariner 9 Scientific Experiment Results
Robert Steinbacher
Audience: News
Client: Gordon Wenger
Master: 1" IVC

Audio 1: Mono mix 2: Mono mix
05/17/1972 - 0:08:00 Producer: Steve Bridges

AVC-1972-023-3/5 **Meet the Martian Investigators**
Mariner 9 pictures of Mars
By: Dr. Bruce Murray
Audience: News Site: von Kármán
Client: Gordon Wenger
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
05/17/1972 - 0:00:00 Producer: Steve Bridges

AVC-1972-023-3/5 **Mariner 9 TV Experiment Results**
Dr. Geoffrey Briggs
Audience: News
Client: Gordon Wenger
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
05/01/1972 - 0:48:00 Producer: Steve Bridges

AVC-1972-023-5/5 **Mariner 9 Pictures of Mars**
Dr. B. Murray Professor of Planetary Science CIT
Audience: News
Client: Gordon Wenger
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/01/1972 - 0:48:00 Producer: Steve Bridges

AVC-1972-026-1/2 **Mariner 9 Mars Mission Initial Scientific Results**
Robert Steinbacher
Audience: News
Client: Brad Houser
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
05/26/1972 - 1:00:00 Producer: Steve Bridges

AVC-1972-026-2/2 **Mariner 9 Mars Mission Initial Scientific Results**
Robert Steinbacher
Audience: News
Client: Brad Houser
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
05/26/1972 - 0:45:00 Producer: Steve Bridges

AVC-1972-027-1/3 **Mariner 9 News Briefing**

Science Results.

Robert Steinbacher, Project Scientist;

Dr. Charles Hord, Co-Investigator, UV Spectrometer,
University of Colorado;

Dr. Rudolph Hanel, GSFC, Principal Investigator, IR
Interferometer;

Dr. Ellis Minor, JPL CO-Investigator, IR Radiometer
Spectrometer;

Dan Cain, JPL Co-Investigator, S-Band Occultation
Experiment.

Audience: News

Site: von Kármán Aud.

Client: Brad Houser

Master: 1" IVC Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/14/1972 - 1:01:00 Producer: Steve Bridges

AVC-1972-027-2/3 **Mariner 9 News Briefing**

Science Results and Spacecraft Condition discussed during
the News Briefing

Dan L. Cain, Project Manager;

Jack Lorell, Team Leader, Celestial Mechanics;

Dr. Geoffrey Briggs, JPL Principal Investigator, TV
experiment;

Harold Masursky, US Geological Survey, Team Leader.

Audience: News

Site: von Kármán Aud.

Client: Brad Houser

Master: 1" IVC Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/14/1972 - 1:00:00 Producer: Steve Bridges

AVC-1972-027-3/3 **Mariner 9 News Briefing**

Science Results and Spacecraft Condition discussed during
the News Briefing.

Robert Steinbacher, Project Scientist;

Dr. Charles Hord, Co-Investigator, UV Spectrometer,
University of Colorado;

Dr. Rudolph Hanel, GSFC, Principal Investigator, IR
Interferometer;

Dr. Ellis Minor, JPL CO-Investigator, IR Radiometer
Spectrometer;

Dan L. Cain, Project Manager

Jack Lorell, Team Leader, Celestial Mechanics;

Dr. Geoffrey Briggs, JPL Principal Investigator, TV
experiment;

Harold Masursky, US Geological Survey, Team Leader.
Audience: News Site: von Kármán Aud.
Client: Brad Houser
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/14/1972 - 0:36:00 Producer: Steve Bridges

AVC-1972-033-1/1 **Mariner 9 Explores Mars**
Robert Steinbacher explains the Mariner Mars '71 Mission.
Audience: Gen. Site: von Kármán Aud.
Client: Brad Houser
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/01/1972 - 0:25:00 Producer: Steve Bridges

AVC-1972-045-1/2 **Linguistic Approach to the Analysis of Complex Systems**
A. Finerman
Audience: Gen. Tech.
Client: Professor Zade
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/12/1972 - 1:00:00 Producer: Steve Bridges

AVC-1972-045-2/2 **Linguistic Approach to the Analysis of Complex Systems**
A. Finerman
Audience: Gen. Tech.
Client: Professor Zade
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/12/1972 - 0:22:00 Producer: Steve Bridges

AVC-1972-048-1/2 **Mariner 9 Mission Status & Science Result Presentation**
Bob Steinbacher/Dr. Leoy
Audience: News
Client: B. Houser
Master: 1" IVC Submaster: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/23/1972 - 1:00:00 Producer: Steve Bridges

AVC-1972-048-2/2 **Mariner 9 Mission Status & Science Result Presentation**
H. Masursky
Audience: News
Client: B. Houser
Master: 1" IVC Submaster: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/23/1972 - 1:00:00 Producer: Steve Bridges

- AVC-1972-052-1/2 **Management Problems of Large Programming Projects**
 A. Finerman
 Audience: Tech.
 Client: A. Finerman
 Master: 1" IVC
 Audio 1: Mono mix 2: Mono mix
 12/04/1972 - 1:00:00 Producer: Steve Bridges
- AVC-1972-052-2/2 **Management Problems of Large Programming Projects**
 A. Finerman
 Audience: Tech.
 Client: A. Finerman
 Master: 1" IVC
 Audio 1: Mono mix 2: Mono mix
 12/04/1972 - 0:15:00 Producer: Steve Bridges
- AVC-1973-017-1/3 **Pioneer 10 - Jupiter Encounter**
 Part 1 - A. Sigmeth
 Audience: News
 Client: A. Sigmeth
 Master: 1" IVC Submaster: M-II
 Audio 1: Mono mix 2: Mono mix
 07/27/1973 - 1:00:00 Producer: Steve Bridges
- AVC-1973-017-2/3 **Pioneer 10 - Jupiter Encounter**
 Part 2 - A. Sigmeth
 Audience: News
 Client: A. Sigmeth
 Master: 1" IVC Submaster: M-II
 Audio 1: Mono mix 2: Mono mix
 07/27/1973 - 1:00:00 Producer: Steve Bridges
- AVC-1973-017-3/3 **Pioneer 10 - Jupiter Encounter**
 Part 3 - A. Sigmeth
 Audience: News
 Client: A. Sigmeth
 Master: 1" IVC Submaster: M-II
 Audio 1: Mono mix 2: Mono mix
 07/27/1973 - 0:50:00 Producer: Steve Bridges
- AVC-1974-001-1/2 **Pre-encounter News Conference - Mariner Venus Mercury**
 MVM '73 PART 1
 Audience: News
 Client: G. Giberson
 Master: 1" IVC

Audio 1: Mono mix 2: Mono mix
02/04/1974 - 1:00:00 Producer: Steve Bridges

AVC-1974-001-2/2 **Pre-encounter News Conference - Mariner Venus Mercury**
MVM '73 PART 2
Audience: News
Client: G. Giberson
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
02/04/1974 - 0:30:00 Producer: Steve Bridges

AVC-1974-002-1/1 **Mariner 10 News Briefing**
Mariner 10 Venus Briefing
Post encounter press briefing. The first briefing after the
closest approach to Venus. Speakers:
Gene Giberson
Dr. Bruce Murry
Audience: News
Client: G. Giberson
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/04/1974 - 0:21:00 Producer: Steve Bridges

AVC-1974-003-1/2 **Mariner 10 Venus Quick Look Science Conference**
PART 1
Audience: News
Client: G. Giberson
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/05/1974 - 1:00:00 Producer: Steve Bridges

AVC-1974-003-2/2 **Mariner 10 Venus Quick Look Science Conference**
PART 2
Audience: News
Client: G. Giberson
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
02/07/1974 - 0:35:00 Producer: Steve Bridges

AVC-1974-005-1/2 **Pre-mercury Press Briefing**
PART 1
Audience: News
Client: G. Giberson
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
03/27/1974 - 1:00:00 Producer: Steve Bridges

- AVC-1974-005-2/2 **Pre-mercury Press Briefing**
PART 2
Audience: News
Client: G. Giberson
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
03/27/1974 - 1:00:00 Producer: Steve Bridges
- AVC-1974-006-1/3 **MVM '73 Press Conferences**
NOTE: This tape has all of the 3/29/74 press conference 18 min, and Part 1 of the 3/31/74 Science Briefing.
3/29/74 - 18 min. - G. Giberson
3/31/74 - 42 min. - G. Giberson
Audience: News
Client: Giberson
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
03/31/1974 - 1:00:00 Producer: Steve Bridges
- AVC-1974-006-2/3 **MVM '73 Press Conference, Science Briefing**
PART 2
Audience: News
Client: G. Giberson
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
03/31/1974 - 1:00:00 Producer: Steve Bridges
- AVC-1974-006-3/3 **MVM '73 Press Conference, Science Briefing**
PART 3
Audience: News
Client: G. Giberson
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
03/31/1974 - 0:18:00 Producer: Steve Bridges
- AVC-1974-011-1/1 **The Flight of Mariner 10**
No description
Audience: Gen.
Client: Frank Colella
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/25/1974 - 0:10:00 Producer: Steve Bridges
- AVC-1975-007-1/1 **Mariner 10 Stamp Dedication Ceremony**
By U.S. Postal Service

Audience: Gen. Site: JPL Mall
Client:
Master: 1" IVC Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
04/04/1975 - 0:50:00 Producer: Steve Bridges

AVC-1975-011-1/1 **President of Caltech's Announcement of Dr. Pickering's Replacement**

No description
Audience: Gen. News
Client: P. Neuhauser
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
06/20/1975 - 0:25:00 Producer: Steve Bridges

AVC-1975-015-1/1 **Viking A Launch from KSC**

Launch of Viking A (Viking 1) Mission to Mars. Launch at 29:30. Overview by Jim Martin Viking Proj. Man. and Gerald Soffen Viking Proj. Scientist. Coverage is from KSC until 59:30 when it cuts back to JPL Blue Room with Lou Kingsland Asst. Mission Dir. JPL and Dr. George Sands Assoc. Project Scientist Langley Res. Ctr.
Audience: Gen. News Resource Site: KSC
Client: F. Colella, Org. PIO
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/20/1975 - 1:02:30 Producer: NASA/KSC

AVC-1975-015-1/1 **Viking A Launch**

From KSC
Audience: News Resource
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/20/1975 - 1:00:00

AVC-1975-016-1/1 **Viking 1 Post Mid-course Press Conference**

From KSC
Audience: News Resource
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
08/27/1975 - 0:25:00

AVC-1975-017-1/1 **Viking B Launch from KSC**

Viking B Launch from KSC aboard Titan III
Launch at 29 min into tape

Audience: News Resource Site: KSC
Client: Collela
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/09/1975 - 1:00:00

AVC-1976-013-1/1 **Change of Command Ceremony**
Dr. Pickering/Dr. Murray
Audience: JPL Resource
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
03/31/1976 - 0:35:00 Producer: Steve Bridges

AVC-1976-014-1/1 **Director's Opening Remarks**
Dr. Bruce Murray
Audience: JPL
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
04/02/1976 - 0:45:00 Producer: Steve Bridges

AVC-1976-018-1/2 **Viking 1 Mars Orbit Insertion**
Blue Room updates with Dr. Al Hibbs of JPL and Dr. George Sands of Langley Research Center. Updates cover from before during and after MOI burn. Jim Martin Viking Proj. Manager does a short interview and an animation is shown towards the end.
Audience: Gen. News
Client: F. Colella
Master: 1" IVC Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/19/1976 - 0:54:44 Producer: Steve Bridges

AVC-1976-018-2/2 **Viking Mars Orbit Insertion**
Viking Blue Room:
Dr. Al Hibbs - JPL
Dr. George Sands, Langley Research Center
Tom Young, Mission Dir., Langley Research Center
Audience: News
Client: F. Colella
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/19/1976 - 0:50:00 Producer: Steve Bridges

AVC-1976-019-1/1 **Viking Press Conference**

Announcement of not landing on Mars July 4, with Martin and Masursky

Audience: News

Client:

Master: 1" IVC Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/27/1976 - 0:38:30 Producer: Steve Bridges

AVC-1976-023-1/1

Viking Press Conference

With Dr. Fletcher, J. Martin, Young Masursky

Audience: News

Client:

Master: DVCPro25 Submaster: 1"IVC

Audio 1: Mono mix 2: Mono mix

07/01/1976 - 0:35:00 Producer: Steve Bridges

AVC-1976-025-1/3

Viking Presentation at Beckman Aud/caltech

Why Man Explores

Audience: Gen.

Client:

Master: 1" IVC Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

07/02/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-025-2/3

Viking Presentation

Why Man Explores

Audience: Gen.

Client:

Master: 1" IVC Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

07/02/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-025-3/3

Viking Presentation

Why Man Explores

Audience: Gen.

Client:

Master: 1" IVC Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

07/22/1976 - 0:45:00 Producer: Steve Bridges

AVC-1976-029-1/1

Viking Press Conference

With J. Martin

Audience: News

Client:

Master: 1" IVC

Audio 1: Mono mix 2: Mono mix

07/07/1976 - 0:45:00 Producer: Steve Bridges

- AVC-1976-032-1/6 **Viking Press Conference**
Early results from Viking Orbiter with Dr. Crofton B. Farmer
JPL Team Leader Water Vapor Mapping; Dr. William Baum Lowell
Univ. Orbiter Imaging; B. Gentry Lee Martin Marietta Corp.
Science Analysis & Mission Planning Chief.
Audience: News
Client:
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/12/1976 - 0:44:00 Producer: Steve Bridges
- AVC-1976-038-2/6 **Viking 1 Mars Landing Commentary (landing and start of 1st picture)**
Hosts: Dr. Al Hibbs, JPL; Dr. George Sands, LaRC
Guest: Dr. Thomas (Tim) A. Mutch, Brown University, Team
Leader - Lander Imaging.
Includes Landing commentary with reaction cheers; views of
mission control, von Kármán Aud., Lander test area; Start of
first picture (B&W). Note, background screams of joy from
crew (John Hicks).
Audience: News Resource Site: 230-Blue Rm
Client: PIO/Viking
Master: 1" IVC Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/20/1976 - 1:00:00 Producer: Steve Bridges
- AVC-1976-038-3/6 **Viking 1 Mars Landing Commentary (First pix and Pres. Ford phone call)**
Commentary by Al Hibbs and Tim Mutch. (continued)
First picture, B&W, of the Plain of Chryse.
Phone call by President Ford to NASA Administrator Jim
Fletcher and Viking Project Manager Jim Martin
Audience: News Resource Site: JPL-230
Client: PIO/Viking
Master: 1" IVC Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/20/1976 - 0:55:00 Producer: Steve Bridges
- AVC-1976-038-4/6 **Viking 1 Mars Landing Commentary & Press Briefings**
Continued. Viking 1 Post Landing Press Briefing. Dr. James
Fletcher NASA Admin.; Dr. Noel Hinners Assoc. Admin. Space
Sciences NASA; Bob Cramer Dir. Of Planetary Sciences NASA;
Dr. Donald Heath Dir. Langley Res. Ctr. ; Jim Martin Viking
Proj. Man. JPL; Tom Young Viking Mission Dir. Press
Briefing continues on next tape.

Audience: News Resource Site: 230-Blue Rm
Client: PIO/Viking
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/20/1976 - 1:04:00 Producer: Steve Bridges

AVC-1976-038-5/6 **Viking Landing 1 Commentary (10:45 am News Briefing)**
Part 1 of 2 10:45 am News Briefing
Dr. Thomas A. Mutch, Brown U., Lander Imaging Team Leader
Dr. Alan Binder, Science Applicatons Inc.
Friedrich Huck, NASA LaRC
Dr. Elliott Levinthal, Stanford U.
Dr. Siney Liebes, Stanford U.
Dr. Elliot C. Morris, U.S.G.S
Dr. James Pollack, NASA Ames
Dr. Carl Sagan, Cornell U.
Dr. Gerald Soffen, LaRC, Viking Project Scientist
Audience: News Site: von Kármán Aud.
Client: PIO/Viking
Master: 1" IVC Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/20/1976 - 1:04:00 Producer: Steve Bridges

AVC-1976-038-6/6 **Viking Landing 1 Commentary (10:45 am News Briefing)**
Part 2 of 2
Audience: News Resource Site: von Kármán Aud.
Client: PIO/Viking
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/20/1976 - 0:09:30 Producer: Steve Bridges

AVC-1976-039-1/2 **Viking News Briefing - 10:30 PM**
Overview of Viking 1 Landing with Tom Young Langley Res.
Center Viking Mission Dir. ; Dr. Alfred . Nier Univ. of
Minn. Team Leader Entry Science; Alvin Sieff Ames Res.
Center Entry Science; Dr. Michael McElory Harvard Univ.
Entry Science; Dr. William Hanson Univ. of Texas Entry
Science.
Audience: News
Client:
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/20/1976 - 1:03:00 Producer: Steve Bridges

AVC-1976-039-2/2 **Viking News Briefing - 10:30 PM**

T. Young, A. Nier, A. Sieff, M. McElroy, W. Hanson 10:30 pm
PART 2 of 2
Audience: News
Client:
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/20/1976 - 0:44:30 Producer: Steve Bridges

AVC-1976-041-1/1 **Viking Television Broadcasts**
1 - PBS - The Robert MacNiel Report, 2 - NBC - Mars The
First Look Roy Neal
Audience: News
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
07/22/1976 - 0:30:00

AVC-1976-042-1/2 **Viking 1 Blue Room Mission Commentary (First Color Picture)**
Commentary by Dr. Thomas (Tim) A. Mutch, Brown U. and Dr. Al
Hibbs, JPL
Audience: News Resource Site: 230 Blue Rm.
Client: PIO/Viking
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/21/1976 - 1:02:00 Producer: Steve Bridges

AVC-1976-042-2/2 **Viking 1 Blue Room Mission Commentary (First Color Picture)**
Commentary by Dr. Thomas (Tim) A. Mutch, Brown U. and Dr. Al
Hibbs, JPL.
Includes Q&A between the Blue Room (Tim Much) and reporters
in von Kármán Auditorium Press Room.
Audience: News Resource Site: 230 Blue Rm.
Client: PIO/Viking
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/21/1976 - 0:46:50 Producer: Steve Bridges

AVC-1976-049-1/1 **Viking 1 Issues and Answers**
No description
Audience: News Resource
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
07/25/1976 - 0:30:00 Producer: Steve Bridges

AVC-1976-050-1/1 **Viking Blue Room Mission Commentary**

Continuing commentary with Dr. Al Hibbs with guest Ken Jones and Dr. James S Martin Jr. Viking Proj. Man. as they look over incoming pictures from the Lander. Includes 'Pin Picture'.

Audience: News Resource

Client:

Master: 1" IVC Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/25/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-051-1/1

Viking 1 Press Conference

Status Update With Dr. James S. Martin Jr. Langley Research Center Viking Proj. Man. 10:30 pm.

Audience: News Resource

Client:

Master: 1" IVC

Audio 1: Mono mix 2: Mono mix

07/25/1976 - 0:28:15 Producer: Steve Bridges

AVC-1976-054-1/2

Viking 1 Press Conference

Shaky Tracking CB 3/00

Audience: News

Client:

Master: 1" IVC Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/28/1976 - 1:03:00 Producer: Steve Bridges

AVC-1976-054-2/2

Viking 1 Press Conference

Initial results from Viking Lander with Dr. Gerald Soffen Viking Proj. Sci.; Dr. Carl Sagan Cornell Univ. Land Imaging; Dr. Tobias Owen SUNY Stony Brook Molecular Analysis; Dr. Michael McElroy Harvard Univ. Entry Science; Dr. Leslie Orgel Salk Inst. Molecular Analysis 10:00 am 2 OF 2

Audience: News

Client:

Master: 1" IVC Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/28/1976 - 0:15:00 Producer: Steve Bridges

AVC-1976-058-1/1

Viking 1 Press Conference

Tom Young, Langley Research Center, Mission Dir.
Dr. Harold Klein, AMES Research Center, Biology Team Leader

Dr. Seymour Hess, Florida State University, Team Leader, Meteorology

Audience: News
Client:
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/01/1976 - 0:37:00 Producer: Steve Bridges

AVC-1976-060-1/1 **Viking 1 Press Conference - 1:30 pm**
Mission Status and early results of Biology experiments
with:
Louis Kingsland, Jr, Viking Deputy Mission Director, Jet
Propulsion Laboratory;
Dr. Harold Klein, Leader, Biology Investigation Team, Ames
Research Center;
Dr. Norman Horowitz, Member, Biology Investigation Team,
California Institute of Technology;
Dr. Gerald Soffen, Langley Research Center, Viking Project
Scientist.
Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/03/1976 - 0:48:30 Producer: Steve Bridges

AVC-1976-067-1/2 **Viking Science Forum II**
With G. Soffen, K. Biemann, L. Orgel, J. Lederburg, H.
Klien, H. Horowity 10:00 am
1 OF 2
Audience: News
Client:
Master: 1" IVC Submaster: 1"IVC
Audio 1: Mono mix 2: Mono mix
08/10/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-067-2/0 **Viking Science Forum II**
10:00 am 2 OF 2
Audience: News
Client:
Master: 1" IVC Submaster: 1"IVC
Audio 1: Mono mix 2: Mono mix
08/10/1976 - 0:20:00 Producer: Steve Bridges

AVC-1976-082-1/1 **Viking Press Conference**
9:30 am Blue Room Com.
Audience: News
Client:
Master: 1" IVC

Audio 1: Mono mix 2: Mono mix
09/03/1976 - 0:45:00 Producer: Steve Bridges

AVC-1976-083-1/4 **Viking 2 Landing**
Blue Room Commentary
Separation of Lander 3-4 hours before landing
Speakers: Dr. Al Hibbs, JPL; Dr. George Sands, Langley; Dr. Michael McElory, Harvard Entry Science; Dr. Seymour Hess, F.S.U Team Leader, Meteorology.
Audience: News
Client:
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/03/1976 - 1:03:50 Producer: Steve Bridges

AVC-1976-083-2/4 **Viking 2 Landing**
Blue Room Commentary
Pre-touchdown telephone question and answer session.
Speakers: Dr. Al Hibbs, JPL; James S. Martin, Langley Research Center, Viking Project Manager; Dr. George Sands; Dr. Richard Shorthill, Univ. of Utah, Team Leader, Physical Properties; B. Gentry Lee, Martin Marietta, Science Analysis & Mission Planning Chief
Audience: News
Client:
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/03/1976 - 1:03:30 Producer: Steve Bridges

AVC-1976-083-3/4 **Viking 2 Landing**
Speakers: Dr. Al Hibbs, JPL; Dr. George Sands; B. Gentry Lee; Dr. Robert Harcraves, Princeton University; James Martin; and Dr. Michael Carr, USGS Menlo Park, Team Leader Orbiter Imaging.
Audience: News
Client:
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/03/1976 - 1:03:50 Producer: Steve Bridges

AVC-1976-083-4/4 **Viking 2 Landing**
Blue Room Commentary
Landing At 29:30
Speakers: Dr. Al Hibbs; Dr. George Sands; and Dr. James Martin
Audience: News

Client:
Master: 1" IVC Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/03/1976 - 0:44:00 Producer: Steve Bridges

AVC-1976-084-1/1 **Viking 2 Post Landing News Conference**
With J. Martin, T. Young, J. Naugle, N. Hinners, R. Kraemer,
S. Hess, D. Hearth 9:30 am
Audience: News
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/03/1976 - 0:45:00 Producer: Steve Bridges

AVC-1976-085-1/2 **A Look at Mars: Retrospect and Prospect**
Viking Science Forum with
G. Soffen, Viking Project Scientist
C. Sagan, Lander Science Team
M. McElroy, Member Entry Science Team
T. Mutch, Leader, Lander Imaging Team
H. Klein, Biology Team Leader
S. Rasool, NASA Deputy Associate Administrator for Science
Intro by N. Panagokos. (starts with the 10:30 am status
report by Jim Martin)
Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/04/1976 - 1:03:00 Producer: Steve Bridges

AVC-1976-085-2/2 **A Look at Mars: Retrospect and Prospect**
Part 2
Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/04/1976 - 0:17:45 Producer: Steve Bridges

AVC-1976-086-1/2 **Viking 2 First B&W Picture**
Blue Room Commentary. Part 1 of 2 1:00 am
Dr. Al Hibbs, JPL and Dr. Thomas Mutch, Brown Univ. Team
Leader Lander Imaging.
Audience: News
Client:
Master: BCAMsp Submaster: 1"IVC
Audio 1: Mono mix 2: Mono mix

09/04/1976 - 1:03:30 Producer: Steve Bridges

AVC-1976-086-2/2 **Viking 2 First B&W Picture**
Blue Room Commentary. Part 2 of 2 1:00 am
Blue Room Commentary. Part 1 of 2 1:00 am
Dr. Al Hibbs, JPL and Dr. Thomas Mutch, Brown Univ. Team
Leader Lander Imaging.
Audience: News
Client:
Master: BCAMsp Submaster: 1"IVC
Audio 1: Mono mix 2: Mono mix
09/04/1976 - 0:33:42 Producer: Steve Bridges

AVC-1976-087-1/2 **Viking 2 First Color Picture (Preamble)**
Blue Room Commentary. Part 1 of 2
Audience: News
Client:
Master: 1"C Submaster: 1"IVC
Audio 1: Mono mix 2: Mono mix
09/04/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-087-2/2 **Viking 2 First Color Picture**
Part 2 of 2
Audience: News
Client:
Master: 1"C Submaster: 1"IVC
Audio 1: Mono mix 2: Mono mix
09/04/1976 - 0:30:00 Producer: Steve Bridges

AVC-1976-089-1/1 **Viking News Conference - 12:40 pm, 9/4/76**
Moderated by Nicholas Panagakos
Spacecraft Status by Jim Martin
Panel: T. Mutch, H. Klein, J. Hubbard, G. Levin, K. Biemann
Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
Note: tape ends before finish of conference
09/04/1976 - 1:02:00 Producer: Steve Bridges

AVC-1976-098-1/1 **Viking Press Conference - 1:30 pm 9/17/76**
With Louis Kingsland-Deputy Mission Director, Dr. Harold P.
Klien-Leader, Biology Investigation Team, Vance I.
Oyama-Member, Biology Team, Dr Gilbert V. Levin-Member,
Biology Team
Moderated by Maurice Parker

Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/1976 - 0:50:00 Producer: Steve Bridges

AVC-1976-100-1/1 **Viking Press Conference**
With C. Leovy 1:30 pm
Audience: News
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/17/1976 - 0:15:00 Producer: Steve Bridges

AVC-1976-102-1/2 **Viking Press Conference**
Part 1 of 2 12:00 noon
Audience: News
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/22/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-102-2/2 **Viking Press Conference**
Part 2 of 2 12:00 noon
Audience: News
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/22/1976 - 0:40:00 Producer: Steve Bridges

AVC-1976-103-1/2 **Viking Mars Press Conference - 12:30 pm, 9/23/76**
Subjects: Biology; Phobos Imaging
Participants: Gerald Soffen, Project Scientist; Norman H. Horowitz, Biology; Vance I. Oyama, Biology; Gilbert V. Levin, Biology; Tom Duxbury, Orbiter Imaging Team.
Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/23/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-103-2/2 **Viking Mars Press Conference - 12:30 pm, 9/23/76**
Part 2 of 2
Audience: News Site: von Kármán Aud.
Client: Viking/PIO

Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/23/1976 - 0:05:00 Producer: Steve Bridges

AVC-1976-108-1/1 **Viking Press Conference - 12:00 noon, 9/27/76**
With Thomas Young
Audience: News
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/27/1976 - 0:45:00 Producer: Steve Bridges

AVC-1976-109-1/1 **Viking Press Conference - 12:30 pm, 9/30/76**
With L. Kingsland, K. Biemann, H. Moore.
Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/30/1976 - 0:55:00 Producer: Steve Bridges

AVC-1976-110-1/1 **Viking Press Conference - 12:30 pm, ?**
With K. Biemann, G. Soffen
Audience: News
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/01/1976 - 0:00:00 Producer: Steve Bridges

AVC-1976-111-1/2 **Viking Press Conference - 1:30 pm, 10/6/76**
With L. Kingsland Jr., P. Toulmin 111, Part 1 of 2
Audience: News
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/06/1976 - 0:30:00 Producer: Steve Bridges

AVC-1976-111-2/2 **Viking Press Conference - 1:30 pm, 10/6/76**
Part 2 of 2
Audience: News
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/06/1976 - 0:40:00 Producer: Steve Bridges

AVC-1976-112-1/1 **Viking Press Conference - 1:30 pm, 10/11/76**
With J. Martin, K. Biemann

Audience: News
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/11/1976 - 0:45:00 Producer: Steve Bridges

AVC-1976-113-1/2 **Viking Press Conference - 1:30 pm, 10/14/76**
With A. Thomas Young, H. Klein, N. Horowitz, P. Straat, M.
Carr, D. Anderson.
Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
TRT 1:16:00
10/14/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-113-2/2 **Viking Press Conference - 1:30 pm, 10/14/76**
Part 2 of 2
Audience: News Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
TRT 1:16:00
10/14/1976 - 0:20:00 Producer: Steve Bridges

AVC-1976-113-3/1 **Viking Press Conference - 10/19/76**
T. Young, K. Biemann
Audience: Site: von Kármán Aud.
Client: Viking/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/19/1976 - 0:40:00 Producer: Steve Bridges

AVC-1976-114-1/1 **Viking Press Conference - 1:00 pm, 10/22/76**
No description
Audience:
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/22/1976 - 1:00:00 Producer: Steve Bridges

AVC-1976-116-1/1 **Interview with Gerald Soffen on Viking**
LOCATION: SCIENCE TEST LANDER
Audience: Resource
Client:
Master: 1" IVC

Audio 1: Mono mix 2: Mono mix
11/05/1976 - 0:15:00 Producer: Steve Bridges

AVC-1976-121-1/1 **Lament for a Red Planet KNBC News Report**
Song written and performed by newsman Jon Eberhart.
A Jon Eberhart, John Hicks Production
Audience: News Resource
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
10/01/1976 - 0:06:00 Producer: Steve Bridges

AVC-1977-023-1/1 **Mars Minus Myth**
(Color 16mm film to tape transfer 11/9/90)
Myths surrounding the planet Mars are stripped away by the detailed photographs sent back by the Mariner 4 & 9 and Viking 1 & 2 spacecraft. Shows historical images, drawings and the highlights of each mission. Narrated by Dr. Bruce Murray, member of the team of scientists of the Mariner 9 mission.
Audience: Gen.
Client:
Master: 1" IVC Submaster: 1" C
Audio 1: Mono mix 2: Mono mix JPL 965
06/01/1972 - 0:18:00 Producer: Churchill Films

AVC-1977-028-1/3 **The Viking Extended Mission and Anniversary Report**
Dr. Conway W. Snyder (JPL), - Viking Mission Project Scientist, and Dr. Thomas C. Duxbury (JPL), Orbiter Imaging Team Manager. PART 1 of 2
Comments: The mission was scheduled for termination in Nov. 1978. The extended mission's objectives were to observe the seasonal changes and weather conditions on planet Mars.
Audience: News Site: von Kármán Aud
Client:

Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
Viking News update Nov. 7, 1977
11/03/1977 - 0:39:49 Producer: Steve Bridges

AVC-1977-028-2/3 **The Viking Extended Mission and Anniversary Report**
Dr. Kenneth L. Jones (Brown Univ.), Viking Lander Imaging
Team Member, and Dr. Fred S. Brown (JPL), Viking Orbiter
Imaging Team Member. Part 1 of 2.
Comments: The Cameras Objectives were: 1. Looking for life
on Mars, 2. Looking for Organic Matter, 3 Conducting Biology
Experiments with various changes in Martian gases. (These
experiments were also used to determine life on Mars.)
Audience: News Site: von Kármán Aud
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: silent 2: Mono mix
11/03/1977 - 0:19:25 Producer: Steve Bridges

AVC-1977-028-3/3 **The Viking Extended Mission and Anniversary Report - Edited Version**
Dr. Conway W. Snyder (JPL), - Viking Mission Project
Scientist, and Dr. Thomas C. Duxbury (JPL), Orbiter Imaging
Team Manager. Dr. Kenneth L. Jones (Brown Univ.), Lander
Imaging Team Member, and Dr. Fred S. Brown (TRW), Biology
Team Member
Comments: On the primary mission, 10 experiments were
scheduled. On the extended mission, only 8 were still
working. Two were turned off.
Audience: News Site: von Kármán Aud
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
Viking Extended update Nov. 1977
11/03/1977 - 0:42:51 Producer: Steve Bridges

AVC-1977-029-1/2 **Voyager 1 Launch**
Mission commentary audio only from Kennedy Space Center (No
launch video). Mission clock and a wood pointer on a timeline
diagram showing spacecraft position.
Audience: News Resource
Client: Voyager Project/PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/05/1977 - 1:00:00 Producer: Steve Bridges

- AVC-1977-029-2/2 **Voyager 1 Launch**
Part 2 of 2
Audience: News Resource
Client: Voyager Project/PIO
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
09/05/1977 - 0:31:09 Producer: Steve Bridges
- AVC-1978-005-1/1 **LandSat Launch from Vandenberg AFB**
LandSat Launch aboard Delta Rocket at Vandenberg AFB. Launch is 40 min after start of tape.
After about 30 to 31 minutes into tape, audio and video are lost.
Narrated by Delta Control.
Audience: Gen. Resource Site: Vandenberg AFB
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/05/1978 - 1:00:00 Producer: Steve Bridges
- AVC-1978-015-1/2 **Seasat-A Pre Launch Press Briefing**
Part 1 of 2. Speakers were, Dr. John Apel, NOAA Pacific Marine; Samuel Walt McCandless; SeaSat Program Manager; Dr. James Dune; JPL SeaSat Project Manager and Gene Giberson; SeaSat Program Manager.
Audience: News Resource
Client: F. Bristow
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
06/22/1978 - 1:02:00 Producer: Steve Bridges
- AVC-1978-015-2/2 **Seasat-A Pre Launch Press Briefing**
Part 2 of 2.
Audience: News
Client: F. Bristow
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11 minutes with 4 overlap.
06/22/1978 - 0:11:04 Producer: Steve Bridges
- AVC-1978-016-1/2 **Seasat A Launch**
Part 1 of 2. First 7 Minutes, no audio; remainder of the recording is Foreign Language formatted.
Audience: News Resource
Client: F. Bristow
Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
06/26/1978 - 0:10:00 Producer: Steve Bridges

AVC-1978-017-1/1 **Seasat A First Data**
Synthetic Aperture Radar (SAR) (Design to Monitor Ocean Wave
Patterns from Orbit.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/07/1978 - 0:20:30 Producer: Steve Bridges

AVC-1978-024-1/3 **Marvin L. Goldberger's Inauguration as President of Caltech**
PART 1 OF 3.
Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
10/27/1978 - 1:00:00 Producer: Steve Bridges

AVC-1978-024-2/3 **Marvin L. Goldberger's Inauguration as President of Caltech**
PART 2 OF 3.
Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
10/27/1978 - 1:00:00 Producer: Steve Bridges

AVC-1978-024-3/3 **Marvin L. Goldberger's Inauguration as President of Caltech**
PART 3 OF 3.
Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
10/27/1978 - 0:30:00 Producer: Steve Bridges

AVC-1979-003-1/1 **Voyager Flight Team Science Briefing**
With Lonnie Lane - First Half FE-1 (Far Encounter)
Audience: News
Client: Jim Watkins
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/24/1979 - 0:28:00

AVC-1979-004-1/1 **Approach Images of Jupiter by Voyager**
Incoming images by Voyager on its approach to Jupiter.

Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: silent 2: silent
Video:Black and White
02/01/1979 - 1:00:00

- AVC-1979-005-1/1 **Voyager Flight Team Science Briefing**
With Lonnie Lane - Second Half FE-1
Audience: Resource
Client: Jim Watkins
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/07/1979 - 0:11:00
- AVC-1979-006-1/1 **Voyager, First Rotation Zoom Movie of Jupiter**
From Video Disk; Video Image is unstable at the beginning of
Tape.
Audience: Resource
Client: Steve Bridges
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/07/1979 - 0:13:00
- AVC-1979-007-1/1 **Jupiter Rotation Movie**
(hologram) Video Image is unstable.
Audience: Resource
Client: Steve Bridges
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/15/1979 - 0:02:00
- AVC-1979-008-1/1 **Jupiter Zoom Movie**
Voyager-IPL Feed; Jupiter Zoom Sequence.
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Silent
02/16/1979 - 0:08:00
- AVC-1979-009-1/1 **Voyager Flight Team Science Briefing**
With Lonnie Lane - First Half FE-2
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix

/ / - 0:33:30

- AVC-1979-010-1/1 **KCET Channel 28, Jupiter Watch**
JPL Blue Room with Al Hibbs, Voice Voyager; (2/19/79,
2/20/79, 5 min. ea)
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/19/1979 - 0:10:00 Producer: WNET
- AVC-1979-010-1/3 **KCET Channel 28, Jupiter Watch**
Intro Program on Voyager, with Kleat Roberts; Interview with
Dr. Edward Stone, Project Scientist.
Audience: Resource Site: von Kármán Aud
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/18/1979 - 0:30:00
- AVC-1979-010-2/3 **KCET, Channel 28, Jupiter Watch**
JPL Blue Room with Al Hibbs (2/21/79 -2/22/79 - 5 min. each)
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/21/1979 - 0:10:00
- AVC-1979-010-3/3 **KCET, 28 Jupiter Watch**
JPL Blue Room with Al Hibbs
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/23/1979 - 0:28:00
- AVC-1979-011-1/1 **Voyager Final Rotation and Zoom Movie**
PL feed Blue Movie (Includes close-up of Red Spot)
Audience: Resource
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
02/01/1979 - 0:05:00
- AVC-1979-012-1/1 **Voyager Flight Team and Science Briefing**
with DR. LONNE LANE - Second half - FE-2

Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
02/23/1979 - 0:43:00

AVC-1979-013-1/1 **Voyager Flight Team Science Briefing**
with DR. LONNE Lane, Near Encounter
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
02/26/1979 - 0:52:00

AVC-1979-014-1/1 **Blue Room Voyager Activity**
With DR. LONNE Lane, Near Encounter
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
02/26/1979 - 0:05:00

AVC-1979-015-1/1 **Blue Room Voyager 1 Jupiter Commentary**
Al Hibbs/11:45am 2/27/79, 11:45, 12:15pm, 2:50pm, w/Fred
Scarf on Bow Shock, 4:00pm note: last two recorded by
mistake of off preview bus, audio o.k.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
02/28/1979 - 0:21:00

AVC-1979-016-1/3 **Voyager I Jupiter Encounter Press Briefing**
9:00am: Frank Bristow, Manager PIO; Brad Smith, Imaging Team
Leader; Dr. Ed Stone, Voyager Project Scientist; Robert
Parks, Voyager Project Manager, Assistant Lab Dir; Part 1 of
3 note: Aired live, KCET
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
02/28/1979 - 1:02:07

AVC-1979-016-2/3 **Voyager I Jupiter Encounter Press Briefing**
Part 2 of 3
Audience: News Resource Site: von Kármán Aud.

Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/28/1979 - 1:00:00

AVC-1979-016-3/3 **Voyager I Jupiter Encounter Press Briefing**
Part 3 of 3, Press Briefing KCET; Panel Setting, Interview
with Robert Parks and Charles Kohlhasse
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/28/1979 - 0:44:24

AVC-1979-017-1/1 **Voyager I Press Briefing - Jupiter Encounter**
11:00 AM, Raymond L. Heacock, Deputy Project Manager; Dr.
Edward Stone, Voyager Project Scientist; Lawrence Soderblom,
Imaging Team; Fredick Scarf, TRW Principal Investigator,
Plasma Wave; Dr. Brad Smith, Imaging Team Leader, Science
Imaging; Norman Ness, Goddard Principal Magnetic Field.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/01/1979 - 1:00:00

AVC-1979-018-1/2 **Blue Room Voyager 1 Jupiter Commentary**
9:00am - Al Hibbs, 10:00 am-Al Hibbs, Dr. James Warwick,
12:00 - Al Hibbs, 4:00pm - Al Hibbs, Gary Hunt, 3/1/79 - 32
min., Al Hibbs, David Morrison, 3/2/79 - 30 min.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/01/1979 - 1:02:21

AVC-1979-018-2/2 **Jupiter Watch, KCET**
7:30 3/1/79 10:00 min., 3/2/79 - 10:00 min. with Al Hibbs,
Voice of Voyager; conversing with Clete Roberts, KCET;
Analyzing Real Time Pictures Coming in From Voyager
Spacecraft.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/01/1979 - 0:20:24

AVC-1979-019-1/1 **Voyager I Jupiter Encounter Press Briefing - 11:00 AM**
Intro Speaker, Frank Bristow JPL PIO; Peter T. Lyman -
Spacecraft, Deputy Project Manager; Dr. Edward C. Stone -
Temperatures, Voyager Project Scientist; Laurence A.
Soderblom - Satellites, Science Imaging; Herbert S. Bridge -
Plasma,PI; S. M. Krimigis - Low-Energy Charged Particles,PI;
Donald E. Shemansky - Ultraviolet Spectroscopy.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Silent 2: Mono mix
03/02/1979 - 1:00:00

AVC-1979-020-1/1 **Blue Room Voyager 1 Jupiter Commentary**
4:00 Al Hibbs, David Morrison Cont., 3/2/79, 9:00 am -Al
Hibbs, 4:15 pm - Al Hibbs with model of trajectory 3/3/79
Audience: News Resource
Client:
Master: DVCPPro25
Audio 1: Silent 2: Mono mix
03/02/1979 - 0:17:00

AVC-1979-021-1/2 **Voyager 1 Jupiter Encounter Press Briefing**
11:00 am - Introduction Speaker, Frank Bristow, Manager, JPL
PIO; Panel Guests: Robert Parks, Asst. Lab Director for
Flight Projects; Torrence Johnson, Imaging Team; Bradford
Smith, Imaging Science, Team Leader.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Silent 2: Mono mix
03/03/1979 - 1:00:00

AVC-1979-021-2/2 **Voyager 1 Jupiter Encounter Press Briefing**
Part 2 of 2. Panel - Dr. Ed Stone; Voyager Project
Scientist; Robert Parks, Asst. Lab Director for Flight
Projects; and Bradford Smith, Imaging Team, Team Leader.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Silent 2: Mono mix
03/03/1979 - 0:14:00

AVC-1979-022-1/2 **Jupiter Watch, KCET Weekend Broadcasts**
Intro -Cleate Roberts,KCET Channel 28; Al Hibbs, Voice of

Voyager; Harold Masursky, Imaging Team; Lawrence Soderblom - Science Imaging, Jupiter's 5 sat., geological make-up, analysis of photos, 12:20pm. Live from JPL.

Audience: News Resource

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Mono mix

03/03/1979 - 0:33:00

AVC-1979-022-2/2

Jupiter Watch

7:15pm - 8:30pm (Tape ends before program about 5 minutes 20 seconds) With Al Hibbs and Cleat Roberts.

Audience: News Resource

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Mono mix

03/03/1979 - 1:00:00

AVC-1979-023-1/1

Jupiter Watch, KCET Weekend Broadcast BlueRoom

VOYAGER 1 JUPITER COMMENTARY, 7:00 am - Gary Hunt, Imaging Team; Stewart Collins, Imaging Team; Norman Ness, Imaging Team; Explanation on imaging processes, analysis of four stages of Red Spot, Magnetosphere, and experiment, Real-time photos, throughout.

Audience: News Resource

Client:

Master: 3/4" Submaster: BCAMsp

Audio 1: Silent 2: Mono mix

03/04/1979 - 1:00:00

AVC-1979-024-1/6

Jupiter Watch - Voyager I Blue Room Commentary

A.M. Continuation, 3/4/79 - Host Gary Hunt; Guest: Andy Collins, SI Imaging Team; Norman Ness, PI, Magnetic Field; discussed the wide angle lens on board Voyager and the Photopolarimeter.

Audience: News Resource

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Mono mix

03/04/1979 - 1:01:24

AVC-1979-024-2/6

Jupiter Watch - Voyager I Blue Room Commentary

CONTINUED - (Start of satellite TV feed) Host Gary Hunt; Guest: Norman Ness - March 4, 1979.

Audience: News Resource

Site: The Blue Room

Client:

Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/04/1979 - 1:01:36

AVC-1979-024-3/6 **Voyager I Jupiter Encounter Press Briefing**
R. Heacock, B. Smith, L. Soderblom, D. Morrison, G. Dexter,
E. Stone
Audience: News Resource Site: von Kármán Aud.
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/04/1979 - 1:00:00

AVC-1979-024-4/6 **Voyager I Jupiter Encounter Press Briefing**
CONTINUED: Panel Setting - Q & A - Brad Smith, L. Soderblom,
D. Morrison, E. Stone, G. Dexter, R. Heacock; Report by Gary
Hunt, Imaging Team; Jupiter's Satellites real time pictures;
Torrence Johnson, Imaging Team.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/04/1979 - 0:57:23

AVC-1979-024-5/6 **Blue Room Voyager 1 Jupiter Commentary**
No Guest 2:00 through 6:00pm every 15 min. Gary Hunt
Reports - Later 3:00 Al Hibbs, Voice of Voyager Reports.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/04/1979 - 1:00:00

AVC-1979-024-6/6 **KCET Jupiter Watch**
Hibbs, Masursky, Johnson, Clete Roberts, 7:10 - 8:50 pm
Audience: News Resource
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
03/04/1979 - 0:00:00

AVC-1979-025-1/3 **Jupiter and the Mind of Man**
Cal Tech, Beckman Auditorium Symposium. Speakers: Carl
Sagan, Astronomer; Ray Bradbury, Author; Bruce Murray, JPL
Lab Director; Part 1 of 3. Tape stops before Murray
concluded his segment.

Audience: Gen. Resource Site: Caltech Beckman
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
Discussion: Jupiter's Red Spot.
03/04/1979 - 0:24:30

AVC-1979-025-2/3 **Jupiter and the Mind of Man**
Part 2 of 3 Symposium; During Bruce Murray's talk about half way thru the transfer the video image is poor and no audio during this part of transfer. V & A resumes @ 16 minute mark.
Audience: Gen. Resource Site: Caltech Beckman
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/04/1979 - 1:01:00

AVC-1979-025-3/3 **Jupiter and the Mind of Man**
Part 3 of 3 Symposium
Audience: Gen. Resource Site: Caltech Beckman
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/04/1979 - 0:05:00

AVC-1979-026-1/4 **Blue Room Voyager 1 Jupiter Commentary**
AM- Hibbs, Hunt, Stone. PART 1 of 4 Discussed Images of Jupiter.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 1:01:46

AVC-1979-026-2/4 **Blue Room Voyager 1 Jupiter Commentary**
5:00 am - Hibbs, Smith, Collins, Stone, Soderblom. PART 2 of 4
Audience: News Resource
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
03/05/1979 - 1:00:00

AVC-1979-026-3/4 **Blue Room Voyager 1 Jupiter Commentary**
6:00 am - Hunt, Soderblom, Hibbs, Masursky

Audience: News Resource
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
03/05/1979 - 1:00:00

AVC-1979-026-4/4 **Blue Room Voyager 1 Jupiter Commentary**

Al Hibbs, Voice of Voyager;
guests: Soderblom, Masursky, Lane;
Viewing and discussing Voyager Moon IO.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 0:54:34

AVC-1979-027-1/1 **Voyager 1 Jupiter Encounter Press Briefing**

8:00 am -Speakers: Noël Hinners, NASA; Bruce Murray, JPL Lab
Director; Rodney Mills, Roberts Parks, Asst. Lab Director
for Flight Projects; Dr. Edward Stone, Voyager Project
Scientist; Nick Panagakos, NASA Public Affairs Office.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 0:31:44

AVC-1979-028-1/1 **Voyager I Jupiter Encounter Press Briefing**

11:00 AM, Speakers: Introduction; Frank Bristow, Manager JPL
PIO; Raymond Heacock, Deputy Project Manager; Bradford
Smith, Team Leader-Imaging Science, University Arizona;
Lawrence Soderblom, Imaging Science, U.S. Geological Survey;
Norman F. Ness, Principal Investigator, Magnetic Fields,
Goddard SFC; Herbert S. Bridge, PI, Plasma Science, MIT; DR.
Edward Stone, Voyager Project Scientist, Cal Tech.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 1:00:00

AVC-1979-029-1/1 **Blue Room Voyager 1 Jupiter Commentary**

2:00 pm - Gary Hunt, Lawrence Soderblom, Imaging
Team; David Morris; Ganymede pix real - time)
Time runs out before last commentary is completed.
Audience: News Resource

Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 0:16:00

AVC-1979-030-1/3 **Blue Room Scripted Broadcast**
VOYAGER 1 JUPITER ENCOUNTER COMMENTARY, PM - Al Hibbs,
Voice
of Voyager; guests: Gray Hunt, Science Imaging Team;
Discussed the Great Red Spot of Jupiter. Part 1 of 3.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 1:00:00

AVC-1979-030-2/3 **Blue Room Scripted Broadcast - Cont.**
PM - Al Hibbs, Voice of Voyager; Carl Sagan, Astronomer; Part
2 of 3.
Recorded Live: The Great Red Spot discussion continued.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 0:56:40

AVC-1979-030-3/3 **Blue Room Scripted Broadcast - Cont.**
M - Al Hibbs, Voice of Voyager; Harold Masursky, Imaging
Team; Part 3 of 3.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 0:21:22

AVC-1979-031-1/1 **Jupiter Watch KCET, 28**
JPL, Blue Room, 7:30 pm; Introduction, Cleat Roberts;
Pictures of IO and Ganeymede.
BlueRoom- Al Hibbs speaks with Lawrence Soderblom, Imaging
Team, Imaging Science U.S. Geological Survey; Torrence
Johnson, Imaging Team.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/05/1979 - 0:10:39

- AVC-1979-033-1/4 **Blue Room Voyager 1 Jupiter Commentary**
AM - Satellite Feed, "The Great Red Spot" and Jupiter's White Spot. Hibbs guests were Gary Hunt, SI, and Brad Smith, Imaging Team. Part 1 of 4.
Hunt discussed Io and Ganymede Satellites.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/06/1979 - 0:58:55
- AVC-1979-033-2/4 **Blue Room Voyager 1 Jupiter Commentary**
Part 2 of 4, AM - Satellite Feed; Al Hibbs, Voice of Voyager; Guests: Gary Hunt, SI; Harold Masursky, SI; Lawrence Johnson, SI; Dr. Ed Stone, Voyager Project Scientist.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/06/1979 - 0:57:55
- AVC-1979-033-3/4 **Blue Room Voyager 1 Jupiter Commentary**
Part 3 of 4, AM - Satellite Feed; Continued.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/06/1979 - 1:02:36
- AVC-1979-033-4/4 **Blue Room Voyager 1 Jupiter Commentary**
Part 4 of 4, AM - Satellite Feed, Concluding Segment.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/06/1979 - 0:50:00
- AVC-1979-034-1/2 **Voyager I Jupiter Encounter Press Briefing**
11:00 AM, Robert Parks, Bradford Smith, Lawrence Soderblom, Jim Warwick, Dr. Lyle Broadfoot, Dr. Ed Stone, Voyager Project Scientist.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix
03/06/1979 - 1:02:20

AVC-1979-034-2/2 **Voyager I Jupiter Encounter Press Briefing**
Part 2 of 2. Entire Voyager Panel; Dr. Ed Stone Summarized
Jupiter's Encounter alone with Jim Warwick.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/06/1979 - 0:36:52

AVC-1979-035-1/1 **Blue Room Voyager 1 Jupiter Commentary**
Commentary by Al Hibbs, Voice of Voyager; Guests: Charles
Kohlhase, Voyager Mission Design Manager; Edward McKinley,
Navigation Team Chief.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/06/1979 - 1:02:00

AVC-1979-036-1/1 **Jupiter and the Mind of Man**
Edited - KCET aired version of Cal Tech Lecture Symposium.
Ray Bradbury, Author; Carl Sagan, Astronomer, Professor at
Cornell; Bruce Murray, JPL Lab Director.
Audience: News Resource Site: Caltech-Beckman
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/06/1979 - 0:14:36

AVC-1979-037-1/1 **Jupiter Watch KCET, 28**
JPL, Blue Room w/Al Hibbs, 7:30 pm 3/6/79 - 5 min.,
Audio only 28 tonight - 28 min., Blue Room Voyager 1
Jupiter Commentary, Al Hibbs at 30:00 min. into tape. 9:30
am 3/7/79 - 4 min.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
03/06/1979 - 0:34:24

AVC-1979-038-1/1 **Voyager I Jupiter Encounter Press Briefing**
11:00 AM. B. Smith, E. Danielson, T. Owen, L. Soderblom, V.
Eshleman, E. Stone

Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" U Submaster: DVCPPro25
Audio 1: Silent 2: Mono mix
03/07/1979 - 1:00:00

AVC-1979-039-1/1 **Blue Room Voyager 1 Jupiter Commentary**
2:00 pm -Al Hibbs, Voice of Voyager; Tobias Owen, Imaging Team; Ed Danielson, Science Imaging; Explanation of Jupiter's rings also, match up of star prediction and star tracks actually seen in picture.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Silent 2: Mono mix
03/07/1979 - 0:32:40

AVC-1979-040-1/1 **Jupiter Watch, KCET, 28**
7:30 pm - JPL isolated version feed. Hibbs wrap - up of Voyager 1 and Jupiter. With Al Hibbs and Tobias Owen, SI; subject, Jupiter's Rings.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Silent 2: Mono mix
03/07/1979 - 0:30:25

AVC-1979-041-1/1 **Jupiter Watch KCET, 28**
PL, Blue Room w/Al Hibbs. 7:30 pm aired feed live, guest; Toby Owen, Science Imaging.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Silent 2: Mono mix
03/07/1979 - 0:32:00

AVC-1979-042-1/4 **Voyager I Jupiter Encounter Press Briefing - 10:00 AM**
Panel included: Robert Parks, Larry Soderblom, Andrew Ingersoll, Von R. Eshleman, Rudolf Hanel, Acuna, Dr. Lyle Broadfoot, Fredick Scarf, Herbert S. Bridge, Jim Warwick, Norman Ness, S.M. Krimigis, Vogt
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Silent 2: Mono mix
03/08/1979 - 1:01:57

AVC-1979-042-2/4 **Voyager I Jupiter Encounter Press Briefing**
Part 2 of 4 - Continued: Bob Parks, Larry Soderblom, Andrew
Ingersoll, Von R. Esheman, Rudolf Hanel, Acuna Lyle
Broadfoot, Fred Scarf, Herbert Bridge, James Warwick,
Norman Ness, S.M. Krimigis, Vogt
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/08/1979 - 1:02:45

AVC-1979-042-3/4 **Voyager I Jupiter Encounter Press Briefing**
Part 3 of 4
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
03/08/1979 - 0:00:00

AVC-1979-042-4/4 **Voyager I Jupiter Encounter Press Briefing**
Part 4 of 4. Panel remains the same.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
03/08/1979 - 0:16:45

AVC-1979-043-1/1 **Blue Room Voyager 1 Jupiter Commentary**
2:00 pm - Last one Al Hibbs/voice of Voyager, Final picture
(ash tray).
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
03/08/1979 - 0:04:39

AVC-1979-045-1/1 **Blue Room Voyager 1 Jupiter Commentary**
11:45 am - Special IO Report, with Al Hibbs, voice of
Voyager; Hal Masursky, Science Imaging.
Audience: JPL NASA News Resource
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
03/16/1979 - 0:29:25 Producer: Bridges

- AVC-1979-050-1/1 **Voyager Mission Highlights**
Excerpts
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
03/29/1979 - 1:00:00
- AVC-1979-059-1/5 **Voyager 1 Jupiter Rotation**
(CFI 2 QUAD TAPE) - Edited Master
Audience: Resource
Client:
Master: 3/4" Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
02/14/1979 - 0:00:45
- AVC-1979-059-2/5 **Voyager 1 Jupiter Rotation**
Duplicate onto 3/4" Cassette. Time Coded still images on
Jupiter Rotating.
Audience:
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Silent 2: Silent
02/14/1979 - 0:45:25
- AVC-1979-059-3/5 **Voyager 1 Jupiter Rotation**
(CFI 2 QUAD TAPE) Protection Master
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
02/14/1979 - 0:00:45
- AVC-1979-059-4/5 **Voyager 1 Jupiter Rotation**
(reel 1 odd sequence)
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
02/14/1979 - 0:00:00
- AVC-1979-059-5/5 **Voyager 1 Jupiter Rotation**
(reel 2 even sequence)
Audience:
Client:
Master: 3/4" U

Audio 1: Mono mix 2: Mono mix
01/14/1979 - 0:00:00

AVC-1979-064-1/2 **Odysseys in Space**
Torrence Johnson, Imaging Team; Part 1 of 2.
Picture Quality is Superb.
Audience: JPL
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
06/11/1979 - 1:01:45

AVC-1979-064-2/2 **Odysseys in Space**
Part 2 of 2. With Torrence Johnson, Imaging Team.
Audience: JPL
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
06/11/1979 - 0:17:43

AVC-1979-065-1/1 **Voyager 2 Flight Team Science Briefing**
With Dr. Lonnie Lane Voyager 2 FE-2. Jupiter's Rotation
period.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
06/22/1979 - 0:50:52

AVC-1979-066-1/3 **Voyager 2 Flight Team Science Briefing**
with Dr. Lonnie Lane; Voyager 2 trajectory close approach to
Jupiter and it's satellites.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/03/1979 - 0:37:25

AVC-1979-066-2/3 **Voyager 2 Flight Team Science Briefing**
Part 2 of 2
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/03/1979 - 0:12:23

- AVC-1979-066-3/3 **Voyager 2 Flight Team Science Briefing**
 Part 3 of 3 cont. with Lonnie Lane.
 Audience: News Resource
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 07/03/1979 - 1:00:00
- AVC-1979-067-1/1 **Voyager 2 Jupiter Mission Reports**
 8:00 - 8:05am - Al Hibbs | 9:00 - Guest 9:11am - Al Hibbs/Jim Sullivan | 9:50 - 10:42am, guest- Gray Hunt/Lonnie Lane, 10:40.
 Audience: News Resource
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 07/05/1979 - 0:44:50
- AVC-1979-068-1/1 **Voyager 2 Jupiter Mission Reports**
 12:00 noon - 12:06 - Al Hibbs | 2:00pm - Al Hibbs | 4:00pm - Al Hibbs, voice of Voyager Magnetosphere Encounter of Jupiter.
 Audience: News Resource
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 07/05/1979 - 0:21:45
- AVC-1979-069-1/1 **Voyager 2 Jupiter Mission Reports**
 8:00 - 8:04am - Al Hibbs, Voyager report update.
 8:50 - 8:56am - Al Hibbs, Voyager report update.
 Images of Jupiter's Satellites.
 Audience: News Resource
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 07/05/1979 - 0:10:36 Producer: Bridges
- AVC-1979-070-1/1 **KCET 28, Jupiter Watch II**
 7/3/79, 7/4/79, 7/5/79, EYEWITNESS NEWS ABC, 7 w/Garry Hunt (live from JPL), JUPITER WATCH II - 7/9/79, closest approach, 7/10/79, 7/11/79, With Clete Roberts and Al Hibbs.
 Audience: News Resource
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix

07/11/1979 - 1:01:18

AVC-1979-071-1/2 **Voyager II Press Briefing**
9:00 am -Ray Heacock, Voyager Project Manager; Brad Smith, Imaging Team Leader, University of Arizona; Dr. Ed Stone, Voyager Project Scientist, Caltech.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/06/1979 - 1:02:00

AVC-1979-071-2/2 **Voyager II Press Briefing**
Question and Answer Session, Part 2; Panel setting with Dr. Ed Stone discussing IO and the Bow Shock.
Gary Hunt, Imaging Team; join during this session.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/06/1979 - 0:48:04

AVC-1979-072-1/1 **Voyager 2 Mission Report**
First two reports with Al Hibbs, 11:55am - 1:30pm | Last three reports with Garry Hunt | 3:50pm - guest Lonnie Lane | 4:15pm, 5:15pm; 7-6-79.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/06/1979 - 0:38:50

AVC-1979-073-1/1 **Voyager 2 Jupiter Mission Reports**
8:00am - Al Hibbs - 9:00am - Al Hibbs/Voice of Voyager/ Fred Scarf, 9:55am - Hibbs/David Morrison, Science Imaging. Discussed the Great Red Spot and it's various coloration. Also discussed was the Bow Shock. At 10:00 there were images of Jupiter mosaic graphics.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/07/1979 - 0:31:00

AVC-1979-074-1/1 **Voyager 2 News Briefing**

11:00am -Frank Bristow, Introduction; E. Davis,Deputy
Voyager Project Manager - Spacecraft; Lawrence Soderblom,
Imaging Science - Satellites;
Dr. Ed Stone, Voyager Project Scientist; Science Status
Report Voyager - Torus Aurora and High Pressure Compression.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/07/1979 - 0:40:51

AVC-1979-075-1/1 **Voyager 2 Jupiter Mission Reports**
11:55am - Hibbs/Soderblom (first 9 min. recorded in insert
edit (bad)), 3:00pm - Hibbs/M. Davarian, 5:00pm - Hibbs/M.
Davarian, 6:30pm - ABC 7, News from JPL w/Hunt, 6:50pm -
Garry Hunt.
The first 9 minutes recorded in insert edit (bad recording)
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/07/1979 - 0:52:20

AVC-1979-076-1/1 **Voyager 2 News Briefing**
Jupiter's Red Spot, Speakers: R. Heacock, Brad Smith,
Imaging Team; George Gloeckler, Low Energy Charge Particles;
Ed Stone, Summary.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/08/1979 - 0:38:00

AVC-1979-077-1/1 **Voyager 2 Jupiter Mission Report**
12:00 noon - Hunt/Tobias Owen 1:15, 1:45pm - Hunt, Allan
Cook (Lighting on dark side) 3:27 - 4:00pm -Hunt/Terrile
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/08/1979 - 0:39:10

AVC-1979-078-1/2 **Voyager 2 Jupiter Mission Reports**
Broadcast to Caltech - (beg late) 25 hours before closest
approach to Ganymede | 9:00pm - Hibbs Jupiter's color/Hunt,
and Toby Owen Jupiter's make-up| 1:20pm, Gary Hunt,

Jupiter's Satellites; 1:45pm Hunt and Allen Cook, Imaging Team; Jupiter's lighting storms seen by Voyager; Hunt and Reta BeeBe, Imaging Team; 4:00pm/Hunt and Rich Terrile Jupiter's Changing Structure, Imaging Team; Part 1 of 2.

Audience: News Resource

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Mono mix

07/08/1979 - 1:02:03

AVC-1979-078-2/2 **Voyager 2 Jupiter Mission Reports**

Continued Broadcast to Caltech - Hibbs/Hunt/Morrison, real time pix of Ganymede, and the Great Red Spot| Garry Hunt with short NBC feed toward end of tape. Part 2 of 2

Audience: News Resource Site: Blue Room

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Mono mix

07/08/1979 - 1:02:00

AVC-1979-079-1/1 **KCET, Michael Jackson Show**

(Microwave Link Problems) live from von Kármán. Panel guest: Bruce Murray, JPL Director; Carl Sagan, Astronomer, Cornell University.

Panel discussed space and it's relationship to human existence through Voyager. (Broadcast with Sign Language Interpreter)

Audience: News Resource Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Mono mix

07/08/1979 - 1:01:44

AVC-1979-080-1/3 **Voyager 2 IPL Feed - Blue Version/zoom**

Blue filter version of Jupiter rotation movie.

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Silent

10/29/1979 - 0:04:20

AVC-1979-080-3/3 **Voyager 2 Computer Animation Film Narrated by Al Hibbs**

Blue filter version of Jupiter rotation movie

Audience: News Resource

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix
10/01/1979 - 0:02:51

AVC-1979-081-1/4 **Voyager 2 Jupiter - Satellite Feed**
8:00am - Al Hibbs, Voice of Voyager; Guest: Larry Soderblom, Imaging Science U.S. Geological Survey; Brad Smith, Imaging Team Leader| Part 1 of 4.
Soderblom discussed Europa, Images from Voyager.
Smith discussed the Galilean Satellites.
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/09/1979 - 1:02:48

AVC-1979-081-2/4 **Voyager 2 Jupiter - Satellite Feed Cont.**
9:00am - Al Hibbs/Gary Hunt/Hal Masursky/Brad Smith/Ed Stone/Larry Soderblom| Part 2 of 4.
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/09/1979 - 1:02:14

AVC-1979-081-3/4 **Voyager 2 Jupiter - Satellite Feed Cont.**
10:00am, Part 3 of 4. W/Al Hibbs; Harrold Masursky; Gary Hunt; Dr. Ed Stone Summary.
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/09/1979 - 1:02:38

AVC-1979-081-4/4 **Voyager 2 Jupiter - Satellite Feed Cont.**
11:00am (LAST HALF OF TAPE LOST DURING BROADCAST)
W/Hibbs; Hunt; and Ed Stone. Discussed Atmospheric Pressure. Stone summarizes Jupiter's Magnetosphere; Part 4 of 4.
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/09/1979 - 0:32:10

AVC-1979-082-1/1 **Voyager 2 Press Briefing**
R. Heacock, L. Soderblom, E. Stone

Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
07/09/1979 - 0:12:15

AVC-1979-084-1/1 **Voyager 2 Press Briefing**
4:30 pm - Thomas Mutch, Assistant Administrative for Space
Science; Robert Parks, Assistant Lab Director for Flight
Projects; Rodney Mills, NASA Headquarters, Voyager Program
Manager.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCP25
Audio 1: Silent 2: Mono mix
07/09/1979 - 0:23:17

AVC-1979-085-1/1 **Voyager 2 Mission Reports**
Hibbs - 5:00pm - first segment Io Volcano watch 5 min. |
Hibbs w/Robert Strom, Science Imaging; - 5:45pm, - Second
segment Io watch, 14 min w/Robert Strom, SC Imaging Team.
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: BCAMsp
Audio 1: Silent 2: Mono mix
07/09/1979 - 0:19:59

AVC-1979-086-1/1 **Voyager 2 Jupiter Mission Reports**
8:00 am - Al Hibbs | 9:00 am - Al Hibbs| Harold Masursky;
9:30 am - Al Hibbs - Io Volcano watch | 10:15 am - Al Hibbs
| 12:50 pm - Al Hibbs | 2:30 pm - Al Hibbs (no audio) | 3:30
pm - Al Hibbs/Rudolf Hanel, Infrared Science
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCP25
Audio 1: Silent 2: Mono mix
07/10/1979 - 1:00:17

AVC-1979-087-1/2 **Voyager 2 Press Briefing -7/10/79**
1:00 am Esker Davis, Voyager Deputy Project Manager; B.
Smith, Imaging Team Leader; A. Ingersoll, Imaging Science,
S.M. Krimigis, Low Energy Charge Particles Investigator;
Jim Sullivan, Plasma Science; A. Lyle Broadfoot, Ultraviolet; Dr. Ed Stone,
Voyager Project Scientist. Part 1 of 2.
Audience: News Resource Site: von Kármán Aud
Client:

Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/10/1979 - 1:00:39

AVC-1979-087-2/2 **Voyager 2 Press Briefing -7/10/79**
Question and Answer, Part 2 of 2 - Panel Same Participants
Continued.
Audience: News Resource Site: von Kármán Aud
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/10/1979 - 0:33:19

AVC-1979-088-1/1 **Voyager 2 Jupiter Mission Report**
8:00 am - Al Hibbs (rings pix and Ganymede) | 9:00 am - Al
Hibbs recap for press, read article about Skylab falling on
people. | 7/11/79 - 15 min. 4:30pm - Continued Al Hibbs with
Hal Masursky from day before 7/10/79 | 2:00pm - Hibbs -
recap of rings information Hibbs plays audio trick on TV
Crew
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/11/1979 - 0:35:00

AVC-1979-089-1/2 **Voyager 2 Jupiter Encounter Press Briefing**
12:00 pm (Wrap-up Science Report for Press) (Jupiter Ring
Presentation.) Frank Bristow, Intro, Frank Bristow, quest:
Ray Heacock Voyager Project Manager; Gary Hunt, Imaging
Science; Larry Soderblom, Imaging Team; Brad Smith, Imaging
Team Leader; Part 1 of 2. Discussed craters and surface
structure of Saturn. Also Jupiter's Rings were discussed
during the briefing.
Audience: News Resource Site: von Kármán Aud
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/11/1979 - 1:01:39

AVC-1979-089-2/2 **12:00 pm Update**
Al Hibbs with Lonnie Lane -10:00 min. With Fred Scarf, Plasma
Experiment-Jupiter's Magnetosphere,
7/5/79; S.M. Krimigis, Low Energy Charge Particles; Von R.
Eshleman, Radio Science; Dr. Ed Stone, Project Scientist
Summarizing Voyager Encounters. 7/11/79 Al Hibbs discussed

Jupiter's Rings with Lonnie Lane, Assistant Project Scientist; Wrap-up of Jupiter's Mission. Part 2 of 2.
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/11/1979 - 1:01:45

AVC-1979-090-1/1 **Voyager 2 Jupiter Mission Report**
3:50 pm Al Hibbs w/von Eshleman - 12 min. 7/11/79 | 8:00 am Al Hibbs (no audio) - 2 min. 7/12/79 | 9:00 am Al Hibbs - 2 min. | 12:00 noon Al Hibbs w/Garry Hunt - 17 min.
Audience: News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/11/1979 - 0:40:15

AVC-1979-092-1/1 **Last KCET Jupiter Watch 2 W/Clete Roberts**
Al Hibbs, Ed Stone, and Garry Hunt (wrap-up), JPL credits at end (Jupiter rings at 21 min.)
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/12/1979 - 0:32:50

AVC-1979-098-1/1 **25th Anniversary Apollo 11 TV Specials**
Space Beyond Apollo, Infinite Horizons - Part 1 of 2
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/01/1979 - 1:02:58

AVC-1979-121-1/1 **NEWS BRIEFING - U.S. Dept. of Energy/Electronic Test Vehicle**
ETV-1 Electric Car. Panel: 6 Speakers followed by Q & A. Jeff Robelar, JPL Host; Gerald J. Walker, Program Manager of Project for DOE; Tom Barber, Project Manager of the Electric Hyper Vehicle; Finding solutions for Earth Base problems working on Solar Energy with the Dept. of Energy. Dr. James Lafferty, Manager Power Electronics Laboratory for General Electric Research and Development Center; James Bozyk, Engineering Supervisor for Chrysler Research Office Special Vehicle Programs; Conrad Weinlein, Manager Advanced Development Engineering Globe Battery Division of the

Globe Union Incorporated.
Audience: News Resource Site: Von Kármán Aud
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
10/09/1979 - 0:41:50

AVC-1980-001-1/1 **The Voyager Mission**
r. Edward Stone gives an overview of the upcoming Voyager
Mission to Saturn and reviews Jupiter results.
Audience: Edu. News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/05/1980 - 0:37:35 Producer: Bridges

AVC-1980-003-1/1 **JPL TODAY (2nd Dry Run)**
Al Hibbs with guest John Beckman, Manager of Planetary
Program Development at JPL; discussed the SEPS Mission.
Audience: Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/31/1980 - 0:14:05 Producer: JPL PAO

AVC-1980-005-1/5 **Profiles in Black**
Part 1 James King with guest Willis Meeks
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
02/19/1980 - 0:12:55

AVC-1980-005-2/5 **Profiles in Black**
Part 2 James King with guest Pat South
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
02/19/1980 - 0:08:16

AVC-1980-005-3/5 **Profiles in Black**
Part 3 James King with guest Dr. Jackie Jacobs
Audience:
Client:
Master: 3/4" U

Audio 1: Mono mix 2: Mono mix
02/19/1980 - 0:10:02

AVC-1980-005-4/5 **Profiles in Black**
Part 4 James King with guest Sanford Jones
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
02/19/1980 - 0:10:00

AVC-1980-005-5/5 **Profiles in Black**
Part 5 James King with guest James Allen
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
02/19/1980 - 0:09:20

AVC-1980-006-1/1 **JPL TODAY**
Live news show for JPL employees.
Al Hibbs with guest Gregor Edwards, and Pre-taped
Congressman John Faqua, Chairman of House Committee on
Science Technology; from the State of Florida.
Audience: JPL Site: Blue Room
Client: Bristow, Org. 181
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/20/1980 - 0:20:44 Producer: Bridges/Neuhauser

AVC-1980-007-1/1 **Viking Mission Summary**
Hosted by Conway Snider, Sinder summarized Viking's
Mars Mission. February 22, 1980.
Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/22/1980 - 0:39:15

AVC-1980-009-1/1 **JPL Today**
Live news show for JPL employees.
Al Hibbs with guest Dr. James Westphal, Scientist of the
Planetary Hubble Telescope; Caltech.
Audience: JPL Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix
03/06/1980 - 0:15:15 Producer: JPL PAO

AVC-1980-010-1/1 **Mars in 3D**
Film-to-tape transfer
Audience: Resource
Client:
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/10/1980 - 0:23:00

AVC-1980-012-1/1 **Voyager I Saturn Pictures**
Recorded and edited live.
Audience:
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Silent
03/20/1980 - 0:16:15

AVC-1980-014-1/1 **Presidential Goddard Award to Voyager Project**
President Jimmy Carter presented Dr. Frosh, Bruce Murray,
Director, JPL; Dr. Edward Stone received award at the White
House. March 24, 1980
Audience: News Site: US White House
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
03/24/1980 - 0:03:17

AVC-1980-034-1/3 **Viking Press Conference**
10:30am - Kermit Watkins, Viking Project Manager; Opening
remarks, Dr. Conway Snyder, JPL Viking Project Scientist;
Dr. James Tillman, University of Washington Meteorologist;
Understanding the Atmosphere of Mars; Part 1 of 3.
Audience: News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Mono mix
08/04/1980 - 0:17:25 Producer: Bridges

AVC-1980-034-2/3 **Viking Press Conference**
Harold Masursky; Future Landing Sites, Survey and Analysis;
Q & A; Kermit S. Watkins, Dr. Conway W. Snyder, Dr. James E.
Tillman, Dr. Michael Carr, John C. Beckman. Part 2 of 3.
August 4, 1980.
Audience: News Site: Von Kármán Aud

Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
08/04/1980 - 0:62:25 Producer: Bridges

AVC-1980-034-3/3 **Viking Press Conference**
Q & A Part 3 of 3
Comments: Part 3 of 3 session is conducted in a query setting
with previous speakers as panelists.
Audience: News Site: von Kármán Aud
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
08/04/1980 - 0:06:15 Producer: Bridges

AVC-1980-036-1/1 **Voyager Saturn Science Briefing**
"Overview & Observatory Load A501"- Ellis Miner.
November 12, 1980 - V2.
August 5, 1981 - V1.
Audience: JPL News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Silent 2: Mono mix
08/18/1980 - 0:52:00 Producer: Bridges

AVC-1980-037-1/1 **Voyager Saturn Science Briefing**
Observatory Load A502" - Jude Diner; Science Coordinator.
Audience: JPL News
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Silent 2: Mono mix
08/27/1980 - 0:20:29 Producer: Bridges

AVC-1980-040-1/1 **Voyager Saturn Science Briefing**
Observatory Loan A503"- Jude Diner; Last and Final Phase of
Saturn Encounter. Summary - Far Encounters 1 and 2 lasted 9
days each.
Audience: JPL News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
09/09/1980 - 0:18:53 Producer: Bridges

AVC-1980-048-1/1 **Voyager Saturn Science Briefing - Far Encounter - 1**
Audience: Gen. News Site: von Kármán Aud.
Client:

Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
10/17/1980 - 0:22:00

AVC-1980-048-2/2 **Voyager Saturn Science Briefing - Far Encounter - 2"**
Jude Diner; Science Coordinator
Audience: JPL Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
10/17/1980 - 0:22:28

AVC-1980-050-1/1 **Voyager Saturn Science Briefing - Far Encounter - 2**
LOAD A525 - Ellis Miner, Science Coordinator.
Audience: Gen. News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Silent 2: Mono mix
10/29/1980 - 0:50:52

AVC-1980-051-1/1 **Voyager Saturn Science Briefing - near Encounter,**
LOAD A551,A552 -Ellis Miner, Science Coordinator; Discussing
Saturn's Moon Titan and related Timelines.
Audience: Gen. News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Silent 2: Mono mix
10/29/1980 - 0:50:49

AVC-1980-052-1/1 **Voyager Saturn Science Briefing - Post Encounter,**
LOAD A571,A572 - Ellis Miner, Science Coordinator; First
Encounter 22 hrs. and 32 days.
Audience: Gen. News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Silent 2: Mono mix
11/04/1980 - 0:31:27

AVC-1980-053-1/1 **Voyager I Saturn Report**
With Al Hibbs in the Blue Room; 00:32 - 8:00 am; 06:15 -
9:45 am;17:52 - 12:15 noon; 36:27 - 1:30 pm.
Audience: Gen. News Resource Site: 186-Studio
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/06/1980 - 0:50:50

AVC-1980-054-1/2 **Voyager I Saturn News Briefing**
10:30 AM -- R. Heacock, Voyager Project Mgr. - Mission Overview; E. Stone, Voyager Project Scientist - Science Overview; B. Smith, Imaging Team Leader - Imaging Results.
Part 1 of 2
Audience: Gen. News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/06/1980 - 0:20:21

AVC-1980-054-2/2 **Voyager I Saturn News Briefing**
art 2 of 2; Q & A Segment.
Audience: Gen. News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/06/1980 - 0:35:25

AVC-1980-055-1/1 **Voyager I Saturn Report**
With Al Hibbs; Voice of Voyager 0:24 - 2:45 pm, guest Jim Pollack; Voyager Imaging Team; Discussed Saturn's Moon Titan, 20:46 - 4:23 pm, guest Dr. Rich Terrile, Voyager Imaging Team, Discussed Voyager being 100 light hours from Earth during this briefing.
Audience: Gen. News Resource Site: 186-Studio
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/06/1980 - 0:35:12

AVC-1980-056-1/1 **Voyager I Saturn Report**
With Al Hibbs; 00:35 - 7:55 am; 05:20 - 9:04 am; 11:30 - 10:10 am, guest Garry Hunt, University of London, Imaging Team; 22:27 - 12:00 noon, guest Ed Stone, Voyager Project Scientist; 31:30 - 1:30 pm, Discussed Saturn's gas clouds that are similar to Jupiter's clouds and color as well as the A, B and C Rings of Saturn; guest Norm Ness, Goddard Space Flight Center, Magnetic Field Principle Investigator; Discussed the Solar Winds and it's Ionized Particles and Bow Shock of Saturn.
Audience: Gen. News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix

11/07/1980 - 0:46:36

AVC-1980-057-1/2 **Voyager I Saturn Encounter News Briefing**
10:30 AM -- E. Davis - Voyager Deputy Project Mgr. -
Spacecraft Report; E. Stone - Voyager Project Scientist -
Ring Physics; B. Smith - Imaging Team Leader - Imaging
Results -- Q & A segment; Part 1 of 2.
Audience: Gen. News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/07/1980 - 1:02:16

AVC-1980-057-2/2 **Voyager I Saturn Encounter News Briefing**
Part 2 of 2; Continued.
Audience: Gen. News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/07/1980 - 0:06:13

AVC-1980-058-1/1 **Voyager I Saturn Report**
With Al Hibbs; 0:21 - 3:00 pm, guest Garry Hunt, Imaging
Team; 11/7/80; 13:10 - 8:00 am, guest Dr. Lyle Broadfoot, UV
Spectrometer, USC; 16:40 - 9:00 am, guest Peter Doms, Radio
Science.
Audience: Gen. News Resource Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/08/1980 - 0:51:08

AVC-1980-059-1/1 **Voyager I Saturn Encounter News Briefing**
10:30 AM -- Ray Heacock - Voyager Project Mgr. - Spacecraft
Update; Brad Smith - Imaging Team Leader - Saturn Ring and
The Great Red Spot Size; Ed Stone - Voyager Project
Scientist - Titan, He also discussed Saturn's Atmosphere and
how the planetary Ring's form.
Audience: Gen. News Resource Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/08/1980 - 0:57:33

AVC-1980-060-1/1 **Voyager I Saturn Reports**
With Al Hibbs, Voice of Voyager; 00:26 - 12:00 noon, guest

Brad Smith Imaging Team, Team Leader discussed Saturn's Ring Formation; 15:20 - 1:30 pm, guest Hal Masursky, Imaging Team discussed Saturn's Satellites and the encounter with Titan; 25:45 - 2:30 pm, guest Andy Ingersoll, Imaging Team discussed running out time viewing Saturn's Winds and it's Clouds pattern. He also discussed Saturn's Satellite Atmospheric change; 41:40 - 5:00 pm - Final update with Al Hibbs.

Audience: Gen. News Resource Site: Blue Room

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

11/08/1980 - 0:44:13

AVC-1980-061-1/1 **Voyager I Saturn Reports**

With Al Hibbs; 00:25 - 7:50 am; 02:46 - 9:00 am, update at 10:00 am, weather predictions were looking to be bad over the Atlantic from the Madrid Station; Looking to record X-Band data.

guest Garry Hunt, Imaging Team, discussed Flying under the South of Saturn; 16:55 - 10:00 am, guest Fred Scarf Plasma Wave discussed no sound from Saturn Magnetic Field to date, the Ion's sound waves; 29:06 - 12:00 noon, guest Allan Cook, Imaging Team discussed Saturn's Rings; 39:40 - 1:30 pm, guest David Morrison, Imaging Team, Discussed Saturn's Satellites icy surfaces.

Audience: Gen. Resource Site: Blue Room

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

11/09/1980 - 0:56:12

AVC-1980-062-1/1 **Voyager I Saturn Encounter News Briefing**

10:30 AM; Esker Davis - Voyager Deputy Project Manager - Spacecraft Status; Brad Smith - Imaging Team Leader - Imaging; Jim Sullivan - Plasma Science - Bow Shock Predictions; Ed Stone - Voyager Project Scientist - Upcoming Events.

Sullivan discussed Saturn's Solar Wind and Magnetosphere of Saturn.

Audience: Gen. News Resource Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

11/09/1980 - 1:02:35

- AVC-1980-063-1/1 **Voyager I Saturn Report**
 With Al Hibbs -- 00:40 - 3:30 pm - 11/9/80; 03:01 - 7:50 am
 - 11/10/80; 07:40 - 9:10, guest Torrence Johnson; 23:03 -
 9:50 am, guest, Garry Hunt; 34:38 - 12:00 noon, guest Jeff
 Cuzzi; Discussed Saturn's Ring Particles.
 Audience: Gen. News Resource
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 11/10/1980 - 0:57:00
- AVC-1980-064-1/2 **Voyager I Saturn Encounter News Briefing**
 Introduction: Frank Bristow, JPL-PIO; 10:30 AM -- Raymond
 Heacock - Voyager Project Manager - Spacecraft Status; Dr.
 Edward Stone - Voyager Project Scientist - Upcoming Events;
 Bill Sandel - Ultraviolet Spectroscopy Saturn Tours; Brad
 Smith - Imaging Team Leader - Imaging; -- Part 1 of 2
 Audience: Gen. News Resource Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 11/10/1980 - 1:02:00
- AVC-1980-064-2/2 **Voyager I Saturn Encounter News Briefing**
 Part 2 of 2; Q & A.
 Audience: Gen. News Resource Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 11/10/1980 - 0:11:28
- AVC-1980-065-1/1 **Voyager I Saturn Reports**
 With Al Hibbs, Voice of Voyager; Discussed possibly S-Band
 data recorded due to bad weather conditions in Spain; 00:26
 - 1:40 pm, guest Larry Soderblom, Imaging Team; 17:26 - 2:30
 pm; 21:37 - 3:30 pm, guest Linda Morabito, Optical
 Navigation; Discussed Saturn's Moons.
 Audience: Gen. News Resource Site: Blue Room
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 11/10/1980 - 0:33:54
- AVC-1980-066-1/2 **Saturn and the Mind of Man Symposium**
 BECKMAN AUDITORIUM, CALTECH - 4:30 - 6:30 PM -- Walter
 Sullivan, New York Times; Phillip Morrison, MIT Astronomer;

Carl Sagan, Astronomer, Professor Cornell Univ; Ray
Bradbury, Author; Bruce Murray, JPL Lab Director. -- Part 1
of 2

Audience: Gen. JPL NASA News Resource Site: Caltech-Beckman
Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

11/09/1980 - 1:02:51

AVC-1980-066-2/2 **Saturn and the Mind of Man Symposium**

Part 2 of 2

Audience: Gen. JPL NASA News Site: Caltech-Beckman

Client:

Master: 3/4" Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/09/1980 - 1:00:00

AVC-1980-067-1/1 **Voyager I Saturn Report**

With Al Hibbs

00:27 - 8:00 am

04:31 - 9:00 am

09:31 - 2:38 pm

14:13 - 4:30 pm, guest David Morrison

22:46 - 5:10 pm, (Bow Shock Crossing, short announcement)

23:55 - 7:30 pm, guest, Richard Terrile (Titan); 34:43 -

7:55 pm, guest, Reta Beebe

43:18 - 8:25 pm, guest, Jim Mitchel

Audience: Gen. JPL NASA News Site: Blue Room

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

11/11/1980 - 0:52:59

AVC-1980-068-1/1 **Voyager I Saturn Watch, KCET**

Co-production by JPL & KCET, Los Angeles Public Broadcasting
Station. With Cleate Roberts and Al Hibbs viewing images of
Saturn's Rings.

Audience: Gen. News Site: Blue Room

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

Air check

11/12/1980 - 0:11:30 Producer: Bridges/KCET

AVC-1980-069-1/1 **Voyager I Saturn Encounter News Briefing**

9:30 AM -- Esker Davis - Deputy Project Manager - Spacecraft

Status; Dr. Ed Stone - Voyager Project Scientist - Saturn
Clouds; Uranus Rings; Brad Smith - Imaging Team Leader -
Zoom Film, Rings; Titan Hood; Lawrence Soderblom - Imaging
Science - Satellites.

Audience: News Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: 3/4"

Audio 1: Silent 2: Mono mix

11/11/1980 - 1:01:54

AVC-1980-070-1/2 **Voyager I Saturn Satellite Feed**

11:00 am -- Al Hibbs, voice of Voyager; update overview of
Jupiter and Saturn's tours; G. Hunt, Imaging Team, view
animated maneuvers of the mission. Hal Masursky, Imaging
Scientist, comments about Saturn's Satellites; Brad Smith,
Imaging Team -- Part 1 of 2

Audience: News Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

11/11/1980 - 1:00:00

AVC-1980-070-2/2 **Voyager I Saturn Satellite Feed**

Jeff Cuzzi, Discussed Rings of Saturn; Dr. Ed Stone, Voyager
Project Scientist, Rings- Satellites; Lawrence Soderblom,
Imaging Team; -- Part 2 of 2; Al Hibbs displays Goldstone
Antennas, JPL SFF, and data from the computer room.

Audience: News Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

11/11/1980 - 0:58:22

AVC-1980-071-1/1 **Saturn Watches - With KCET 28**

11/80 Voyager 1 update. A joint live program with JPL (Al
Hibbs) and KCET, Los Angeles Public Television station.
Update - Voyager has taken 18,000 pictures to date.
Dr. Ed Stone, Voyager Project Scientist; Brad Smith, Imaging
Team Leader; Discussed with MacNiel Lehrer Saturn's Rings
and Satellites.

Audience: News Site: Air check

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

11/11/1980 - 0:29:00

AVC-1980-072-1/1 **Voyager I Saturn Report**
With Al Hibbs -- 01:01 - 9:00 pm, guest Verner Suomi; 13:15
- 9:20 pm, guest von Eshleman; Imaging Team, 25:00 - 9:35
pm, guest, Andre Brahic
from Paris, Imaging Team; Discussed Saturn's Rings.
Audience: News Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/11/1980 - 0:41:10

AVC-1980-073-1/1 **Voyager I Saturn Reports**
With Al Hibbs, Voice of Voyager; -- 00:26 - 7:50 am; 05:17 -
9:00 am; 12:20 - 12:30 noon, guest Torrence Johnson, Imaging
Team.
Audience: News Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/12/1980 - 0:31:54

AVC-1980-074-1/2 **Voyager I Saturn Encounter News Briefing**
Raymond Heacock, Voyager Project Manager - Spacecraft
Norman Ness, Principal Investigator Magnetic Field - Bow
Shock & Magnetopause Crossing
Ed Stone, Voyager Project Scientist - Preliminary Titan
Results;
Brad Smith - Imaging Science, Imaging Team Leader -
Satellites
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/12/1980 - 0:22:51

AVC-1980-074-2/2 **Voyager I Saturn Satellite Feed**
Part 2 of 2 - News Briefing Cont. R. Heacock, Voyager
Project Manager – Spacecraft; N. Ness, Principal Investigator
Magnetic Field - Bow Shock & Magnetopause Crossing; Ed
Stone - Voyager Project Scientist - Preliminary Titan
Results; B. Smith - Imaging Team - Satellites
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/12/1980 - 0:19:26

- AVC-1980-075-1/3 **Voyager I Saturn Satellite Feed - 2:00 pm**
 Al Hibbs, voice of Voyager; with Hal Masursky, Imaging Team;
 Shows Animated movie of Voyager Encounter; Garry Hunt,
 Imaging Team; Jim Warwick; Particle Investigator; Part 1 of
 3.
 Audience: News Site: Blue Room
 Client:
 Master: 3/4" Submaster: DVCPRO25
 Audio 1: Silent 2: Mono mix
 11/12/1980 - 1:02:19
- AVC-1980-075-2/3 **Voyager I Saturn Satellite Feed - 2:00 pm**
 Part 2 of 3 -- With Al Hibbs and N. Ness, discussed Voyager
 Encounter w/Saturn and Satellites; Hibbs showed computer
 generated animated film of Voyager approach. J. Cuzzi, Ames
 Research Center and B. Smith, Imaging Team Leader; discussed
 the Satellites gravitational F Ring.
 Audience: News
 Client:
 Master: 3/4" Submaster: DVCPRO25
 Audio 1: Silent 2: Mono mix
 11/12/1980 - 1:01:56
- AVC-1980-075-3/3 **Voyager I Saturn Satellite Feed - 2:00 pm**
 Part 3 of 3 - With Al Hibbs - B. Smith, F. Scarf, TRW Plasma
 Wave; L. Soderblom, E. Stone
 Audience: News
 Client:
 Master: 3/4" Submaster: DVCPRO25
 Audio 1: Silent 2: Mono mix
 11/12/1980 - 0:49:47
- AVC-1980-076-1/1 **Voyager I Saturn News Briefing - 5:40 pm**
 No description
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 11/12/1980 - 0:00:00
- AVC-1980-077-1/1 **Voyager I Saturn Reports with Al Hibbs**
 Picture of Rings w/White Spokes); 00:35 - 8:00 am; 07:22 -
 9:00 am; 17:50 - 1:30 pm, guest von Eshleman; 32:30 - 2:30
 pm, Hibbs; 42:47 - 4:00 pm, guest Toby Owen.
 Audience: News Site: Blue Room

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

11/13/1980 - 0:57:16

AVC-1980-078-1/2 **Voyager I Saturn Encounter News Briefing - 9:30 am**
Esker Davis, Deputy Voyager Proj. Mgr. - Spacecraft; Von Eshleman, Radio Science - Titan's Atmosphere; R. Hanel, Infrared Radiometry & Spectroscopy - Titan Atmosphere; E. Stone, Project Scientist - Ultraviolet Results; B. Smith, Imaging - Imaging; L. Soderblom, Imaging Science - Satellites.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/13/1980 - 1:01:57

AVC-1980-078-2/2 **Voyager I Saturn Encounter News Briefing**
Part 2 of 2. Q & A; Panel Setting.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/13/1980 - 0:23:25

AVC-1980-079-1/1 **Voyager I Saturn Encounter Satellite Feed - 11:00 am**
Al Hibbs, B. Smith, T. Johnson, A. Ingersoll, L. Soderblom, E. Stone.
Audience: News
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
11/13/1980 - 1:00:00

AVC-1980-080-1/1 **Voyager I Saturn Reports**
With Al Hibbs; 01:14 - 4:45 pm announced completion of maneuver. 11-13-80; 03:33 - 8:00 am; 06:19 - 9:00 am, guest Torrence Johnson; 13:14 - 9:30 am; 37:55 - 10:00 am guest, Norm Ness
Audience: News
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
11/14/1980 - 0:46:00

AVC-1980-081-1/2 **Voyager I Saturn Encounter News Briefing - 10:30 am**
R. Laeser, Voyager Project Mission Director - Spacecraft &
Operations
L. Broadfoot, Ultraviolet Spectroscopy - Titans Upper
Atmospheric Chemistry
D. Strobel, Ultraviolet Spectroscopy - Titan's Atmospheric
Chemistry
B. Smith, Imaging Team - Rings & Titan
E. Stone, Voyager Project Scientist - Titan Magnetospheric
E. Shoemaker, Imaging Science - Satellites
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
11/14/1980 - 1:00:00

AVC-1980-081-2/2 **Voyager I Saturn Encounter News Briefing - 10:30 am**
Part 2 of 2
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
11/14/1980 - 0:30:00

AVC-1980-082-1/1 **Voyager I Saturn Reports**
With Al Hibbs
00:24 - 12:00 noon - Titan atmosphere layers & description
from Al. News Briefing Results & Summary
13:24 - 1:30 pm - guest Eugene Shoemaker - on satellites and
their characteristics (Ring movie, pix coming in)
34:52 - 3:00 pm - guest Garry Hunt
45:31 - 4:30 pm - guest Rudolf Hanel
Audience: News
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
11/14/1980 - 0:58:00

AVC-1980-082-2/2 **Voyager I Saturn Reports**
With Al Hibbs
continued with guest Rudolf Hanel
Audience: News
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
11/14/1980 - 0:02:22

- AVC-1980-083-1/1 **"Voyager/Uranus" & "Voyager 2 Future Encounters"**
 2 Films combined
 Audience: News
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 11/14/1980 - 0:02:10
- AVC-1980-084-1/1 **Voyager I Saturn Reports**
 With Al Hibbs -- 00:20 - 8:00 am; 02:57 - 9:00 am; 06:41 -
 11:30 am; 19:26 - 2:00 pm, guest Garry Hunt; Imaging Team,
 Voyager leaving Saturn;0. 38:51 - 3:30 pm, guest Mike
 Kaiser; 51:05 - 4:30 pm
 Audience: News Site: Blue Room
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 11/15/1980 - 0:55:46
- AVC-1980-085-1/3 **Voyager I Saturn Encounter News Briefing - 9:30 am**
 R. Heacock - Voyager Project Manager - Spacecraft B. Smith -
 Imaging Science - Rings & Satellites
 H. Bridge - Plasma Science - Titan Wake
 N. Ness - Magnetic Fields - Titan Wake
 D. Gurnett - Plasma Wave - Titan Radio Emissions S.M.
 Krimigis - Low Energy Charged Particles - Magnetosphere
 M. Kaiser - Co-Investigator, Planetary Radio Astronomy Team
 - Saturn Radio Sources
 B. Sandel - Ultraviolet Spectroscopy - Saturn Aurora
 G. Len Tyler - Radio Science - C-Ring & Titan
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Mono Mix 2: Silent
 11/16/1980 - 1:00:00
- AVC-1980-085-2/3 **Voyager I Saturn Encounter News Briefing**
 Part 2 OF 3 - Continued
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 11/16/1980 - 1:02:10
- AVC-1980-085-3/3 **Voyager I Saturn Encounter News Briefing**

Part 3 of 3; Panel Setting - Q & A.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/16/1980 - 0:16:22

AVC-1980-086-1/2 **Voyager I Saturn Encounter News Briefing**
Nick Panagakos, NASA - Office of Space Science Introduction;
Esker K. Davis - Deputy Voyager Project Manager; Spacecraft
Status & Mission Operations
Garry Hunt - Imaging Science Team; Saturn Atmosphere
Jeff Cuzzi - Imaging Science Team; Saturn Rings
Dr. George Gloeckler - Low -Energy Charged Particles
Experiment Team - Magnetosphere Composition
Dr. Edward Stone - Voyager Project Scientist - Upcoming
Science Activities.
George Gloeckler - Magnetospheric Composition
Ed Stone - Voyager Project Scientist; Upcoming Science
Activities.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/16/1980 - 1:00:00

AVC-1980-086-2/2 **Voyager I Saturn Encounter News Briefing**
Part 2 of 2
E. K. Davis - Spacecraft Status & Mission Operations
G. Hunt - Saturn Atmosphere
J. Cuzzi - Saturn Rings
G. Gloeckler - Magnetospheric Composition
E. Stone - Upcoming Science Activities
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/16/1980 - 0:30:57

AVC-1980-087-1/1 **Voyager I Saturn Reports**
With Al Hibbs; 8:45 am; 10:00 am; 12:00 noon; 2:00 pm, guest
Rich Terrile; 4:00 pm, guest Andy Collins
Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

11/16/1980 - 0:00:00

AVC-1980-088-1/3 **Voyager I Saturn Encounters News Briefing**
R. Heacock - Voyager Project Mgr. - Spacecraft
F. Scarf - Plasma Wave - Plasma Waves
J. Warwick - Planetary Radio Astronomy - Radio Emissions
B. Smith - Imaging Team Leader - Satellites
A. Ingersoll - Imaging Science - Atmospheric Dynamics
R. Hanel - Infrared Radiometry & Spectroscopy - Atmospheric
Composition
T. Owen - Imaging Science - Titan
L. Soderblom - Imaging Science - Satellite Surfaces
R. Terrile - Imaging Science - Rings
E. Stone - Voyager Project Scientist - Summary
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
11/17/1980 - 1:00:00

AVC-1980-088-2/3 **Voyager I Saturn Encounters News Briefing**
Part 2 of 3
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
11/17/1980 - 1:00:00

AVC-1980-088-3/3 **Voyager I Saturn Encounters News Briefing**
Part 3 of 3
R. Heacock - Spacecraft; F. Scarf - Plasma Waves
J. Warwick - Radio Emissions; B. Smith - Satellites; A.
Ingersoll - Atmospheric Dynamics
R. Hanel - Atmospheric Composition
T. Owen - Titan; L. Soderblom - Satellite Surfaces
R. Terrile - Rings; E. Stone - Summary
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/17/1980 - 0:56:26

AVC-1980-089-1/1 **Voyager I Saturn Reports**
With Al Hibbs --Last Report - Victor J. Frisbee,
(spoof)
Audience: JPL

Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/17/1980 - 0:04:47

AVC-1980-091-1/2 **Navy Captain Grace M. Hopper**
Information Processing: Past, Present, & Future. (includes famous nanosecond demonstration) by Navy Captain Grace M. Hopper, Discussed the First Large Scale Digital Computer.
Audience: Gen. Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/19/1980 - 1:02:44 Producer: Bridges

AVC-1980-091-2/2 **Navy Captain Grace M. Hopper**
Information Processing: Past, Present, & Future. (includes famous nanosecond demonstration)
Audience: Gen. Site: von Kármán Aud.
Client:
Master: 3/4"
Audio 1: Silent 2: Mono mix
11/19/1980 - 0:34:00 Producer: Bridges

AVC-1980-092-1/1 **A-1 "Tour Tape" (Voyager)**
Al Hibbs explains getting a signal from Voyager to JPL.
Made for insertion into live shows.
Audience: Resource
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
11/20/1980 - 0:13:55

AVC-1980-093-1/1 **A-2 "Voyager Mission Summary to Date"**
Voyager 1 Mission summary
Made for insertion into live shows.
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
11/20/1980 - 0:04:00

AVC-1980-095-1/1 **A-4 "Saturn Rotation Movie" Film**
Made from real data.
Audience: Resource
Client:

Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
11/20/1980 - 0:01:27

AVC-1980-096-1/1 **A-5B "Voyager I Saturn Encounter Film" - 1980**
FILM-Unknown
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
11/20/1980 - 0:06:03

AVC-1980-097-1/1 **A-6 "Saturn Rings"**
With Al Hibbs
Made for insertion into live shows.
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
11/20/1980 - 0:08:35

AVC-1980-098-1/1 **A-7 "Hibbs/Stone" - 12:25**
HIBBS/STONE"
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
11/20/1980 - 0:08:52

AVC-1980-099-1/1 **A-10 "Satellite Feed Generic Opening"**
Opening for Saturn programming
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
11/30/1980 - 0:00:52

AVC-1980-101-1/1 **A-11 - "SATELLITE FEED CROSSING2**
Saturn programming visual
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
11/20/1980 - 0:01:38

AVC-1980-102-1/1 **Voyager Jupiter and Saturn Animation**

Film animation showing Voyager encounters with Jupiter and Saturn narrated by Al Hibbs, voice of Voyager.

Audience:

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Mono mix

11/01/1980 - 0:06:00

AVC-1980-103-1/1 **A-13 "RING ROTATION FILM" FILM**

Saturn programming visual

Audience:

Client:

Master: 3/4" U

Audio 1: Mono mix 2: Mono mix

11/20/1980 - 0:01:15

AVC-1980-104-1/1 **A-14 "SATURN ROTATION & ZOOM FILM" FILM**

Saturn programming visual

Audience:

Client:

Master: 3/4" U

Audio 1: Mono mix 2: Mono mix

11/20/1980 - 0:00:00

AVC-1980-106-1/1 **"Saturn's Magnetic Field Movie" Film Transfer**

Saturn's programming visual; By: James F. Blinn.

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Silent

11/20/1980 - 0:02:04

AVC-1980-107-1/1 **Voyager I Saturn Results for the DSN**

with Ellis Miner

Audience: JPL

Client:

Master: 3/4" U

Audio 1: Mono mix 2: Mono mix

12/12/1980 - 1:00:00

AVC-1980-109-1/1 **Voyager I Saturn Spoke Rotation Film**

Made from real data; Al Hibbs, voice of Voyager; quest - Eberhardt Rechtin, President, The Aerospace Corporation.

Audience: Resource

Site: Blue Room

Client:

Master: 3/4" Submaster: DVCPPro25

Audio 1: Silent 2: Mono mix
12/01/1980 - 0:11:38 Producer: PAO

- AVC-1981-002-1/1 **Voyager 1 Non-imaging Science Results**
Ellis Miner, Assist. Proj. Scientist
Audience: JPL News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/23/1981 - 0:22:50
- AVC-1981-003-1/5 **Solar System Exploration Research Conference**
Al Hibbs, voice of Voyager; Panel guest: Eugene Levy, John Naugle, acting Chief Scientist of NASA -- Part 1 of 5
Audience: JPL Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/29/1981 - 0:57:49
- AVC-1981-003-2/5 **Solar System Exploration Research Conference**
Part 2 of 5, John E. Naugle, John Beckman -
Audience: JPL Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/29/1981 - 0:30:20
- AVC-1981-003-3/5 **Solar System Exploration Research Conference**
Part 3 of 5, With Al Hibbs, voice of Voyager; Jim French, Manager of Planetary Studies; L. J. Woods. -
Audience: JPL Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/29/1981 - 0:46:00
- AVC-1981-003-4/5 **Solar System Exploration Research Conference**
Part 4 of 5, Art Albee, Dr. Garrett Paine, Oceanographer -
Audience: JPL Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/29/1981 - 0:44:13
- AVC-1981-003-5/5 **Solar System Exploration Research Conference**

Part 5 of 5, Richard Wallace, predesign work; Roy Kakuda, discussed Saturn's Voyager departure.

Audience: JPL Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

01/29/1981 - 0:45:15

AVC-1981-006-1/1 **VS-8 "Voyager I Depart Saturn" (PIO Film clip)**

Used in "Blue Room" shows

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: N/A 2: N/A

11/01/1980 - 0:02:02

AVC-1981-011-1/2 **Voyager I Encounter with Saturn (Summary of Events)**

Used in "Blue Room" shows

Ed Stone, Voyager Project Scientist; Part 1 of 2

Audience: Gen. Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

03/04/1981 - 1:02:20

AVC-1981-011-2/2 **Voyager I Encounter with Saturn (Summary of Events)**

Part 2 of 2; Dr. Ed Stone, Voyager Project Scientist; Summarizes the events.

Audience: Gen. Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

03/04/1981 - 0:07:09

AVC-1981-016-1/3 **Research Conference on Autonomous Systems**

Intro and Overview - Dr. Al Hibbs; Voice of Voyager; Guest: Artificial Intelligence - Dr. Raj Reddy, Artificial Intelligence, Carnegie-Mellow University. Part 1 of 3

Audience: JPL Site: von Kármán Aud.

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

03/31/1981 - 0:37:12

AVC-1981-016-2/3 **Research Conference on Autonomous Systems**

Artificial Intelligence and Robotics - Mr. Dell Williams,

NASA HQ; Q & A - Part 2 of 3.
Audience: JPL Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/31/1981 - 0:35:19

AVC-1981-016-3/3 **Research Conference on Autonomous Systems**
Research Issues for Autonomous Systems - Dr. John Pierce;
Telepresence and Intelligent Machines - Dr. Marvin Minsky,
MIT; Part 3 of 3
Audience: JPL Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/31/1981 - 0:36:38 Producer: PIO -AVC Office

AVC-1981-026-1/2 **Science, Technology, and Nuclear War**
Marvin Goldberger, Caltech President; Part 1 of 2
Audience: Gen.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/06/1981 - 1:00:15

AVC-1981-026-2/2 **Science, Technology, and Nuclear War**
Part 2 of 2
Audience: Gen.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/06/1981 - 0:34:25

AVC-1981-031-1/1 **NASA Film on Columbia Shuttle Launch and Landing**
STS-1
Audience: NASA
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Silent
05/06/1981 - 0:17:43

AVC-1981-034-1/12 **Roll-in #1 - Voyager Mission Control Center - 1981**
Short JPL PIO Information tapes made for use in the "Voyager
I Saturn Reports".
Audience: Resource
Client:

Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/01/1981 - 0:04:34

AVC-1981-034-2/12 **Roll-in #2 - Space Flight Operations Facility - 1981**
Short JPL PIO Information tapes made for use in the "Voyager
I Saturn Reports".
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/01/1981 - 0:00:00

AVC-1981-034-3/12 **Roll-in #3 - General Jet Propulsion Laboratory Scenes - 1981**
Short JPL PIO Information tapes made for use in the "Voyager
I Saturn Reports".
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/01/1981 - 0:05:16

AVC-1981-034-4/12 **Roll-in #4 - Voyager Spacecraft - 1981**
Short JPL PIO Information tapes made for use in the "Voyager
I Saturn Reports".
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/01/1981 - 0:04:29

AVC-1981-034-5/12 **Roll-in #5 - JPL Space Museum - 1981**
Short JPL PIO Information tapes made for use in the "Voyager
I Saturn Reports".
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/01/1981 - 0:05:07

AVC-1981-034-6/12 **Roll-in #6 - Deep Space Tracking Station - 1981**
Short JPL PIO Information tapes made for use in the "Voyager
I Saturn Reports".
Audience:
Client:
Master: 3/4" U

Audio 1: Mono mix 2: Mono mix
02/01/1981 - 0:00:00

AVC-1981-034-7/12 **Roll-in #7 - Robotics at JPL - 1981**

Short JPL PIO Information tapes made for use in the "Voyager I Saturn Reports".

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/01/1981 - 0:04:42

AVC-1981-034-8/12 **Roll-in #8 - Biomedical Research for Space - 1981**

Short JPL PIO Information tapes made for use in the "Voyager I Saturn Reports".

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/01/1981 - 0:04:30

AVC-1981-034-9/12 **Roll-in #9 - Space Telescope - 1981**

Short JPL PIO Information tapes made for use in the "Voyager I Saturn Reports".

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/01/1981 - 0:05:14

AVC-1981-034-10/1 **Roll-in #10 - Search for Extraterrestrial Intelligence - S.E.T.I.**

Short JPL PIO Information tapes made for use in the "Voyager I Saturn Reports".

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/01/1981 - 0:03:45 Producer: Televane Production

AVC-1981-034-11/1 **Roll-in #11 - Space Pictures to Earth - 1981**

Short JPL PIO Information tapes made for use in the "Voyager I Saturn Reports".

Audience: Resource

Client:

Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/01/1981 - 0:04:26 Producer: Telvane Production

- AVC-1981-034-12/1 **Roll-in #12 - 3 Years in 3 Minutes - 1981**
Short JPL PIO Information tapes made for use in the "Voyager I Saturn Reports".
Audience: Resource
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
02/01/1981 - 0:00:00
- AVC-1981-036-1/2 **NASA Special Awards Ceremony for the Voyager Project**
Part 1 of 2; Hosted by Bruce Murray JPL Director.
Audience: Gen.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/02/1981 - 1:02:21
- AVC-1981-036-2/2 **NASA Special Awards Ceremony for the Voyager Project**
Part 2 of 2 . Note: at 48:00 min, speech on Nuclear War;
Guest Speakers: Esker Davis, Deputy Voyager Project Manager
- Spacecraft; Presenter,
John Casani, Presenter.
Audience: Gen.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/02/1981 - 1:00:24
- AVC-1981-040-1/1 **Voyager Science Briefing**
Encounter Overview and Observatory Phase, Jude Diner;
Science Coordinator
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/29/1981 - 0:25:25
- AVC-1981-041-1/1 **Voyager Saturn Explanation**
Encounter Overview and Observatory Phase, Jude Diner;
Science Coordinator
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

06/30/1981 - 0:27:10

- AVC-1981-042-1/1 **Post Flight Shuttle Press Conference Film**
NASA Film
Audience: NASA News
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/1981 - 0:17:00
- AVC-1981-043-1/1 **Voyager Science Briefing - "FAR ENCOUNTER 1"**
By Jude Diner; Science Coordinator - Saturn's Rings.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/23/1981 - 0:11:28
- AVC-1981-044-1/1 **Voyager I Saturn Encounter Tape**
special edit
Audience: Resource
Client: Ben Casados
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/01/1981 - 0:11:15 Producer: Cassou
- AVC-1981-045-1/1 **Voyager Science Briefing - "FAR ENCOUNTER 2"**
Part 1 Jude Diner; Science Coordinator
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/06/1981 - 0:13:46
- AVC-1981-046-1/1 **Voyager 2 Saturn**
w/sound. Animated Film by James Blinn.
Audience: Resource
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/10/1981 - 0:06:08
- AVC-1981-047-1/1 **Voyager Science Briefing Post Encounter**
With Jude Diner; Science Coordinator.
Audience: News Site: von Kármán Aud.
Client:

Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/13/1981 - 0:17:26

AVC-1981-048-1/2 **Voyager Science Briefing**
FAR ENCOUNTER 2 Part 2, AND NEAR ENCOUNTER W/Jude Diner
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/12/1981 - 0:32:32

AVC-1981-048-2/2 **Voyager Science Briefing**
FAR ENCOUNTER 2 Part 2, AND NEAR ENCOUNTER W/Jude Diner;
Science Coordinator
Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/12/1981 - 0:04:20

AVC-1981-049-1/2 **Voyager 2 Saturn Encounter News Briefing - 10:00 am**
Part 1 of 2 - E. Davis, E. Stone, B. Smith
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/21/1981 - 1:00:00

AVC-1981-049-2/2 **Voyager 2 Saturn Encounter News Briefing - 10:00 am**
Part 2 of 2 - 10:00am Overview of Mission Profile:
Esker Davis, Voyager Deputy Project Manager, Spacecraft
Report; Dr. Ed Stone, Voyager Project Scientist, Ring
Physics; Brad Smith, Imaging Team Leader, Imaging Results;
Q & A.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/21/1981 - 0:11:00

AVC-1981-050-1/2 **Voyager 2 Saturn Encounter News Briefing - 9:30 am**
Part 1 of 2 - Richard Laeser, Mission Director - Project
Report; Dr. Edward C. Stone, Voyager Project Scientist,
Satellite Magnetosphere; Dr. Fred Scarf, Principal
Investigator, Plasma Wave TRW; Dr. Bradford A. Smith, Team

Leader, Imaging Science University of Arizona - Imaging.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/22/1981 - 0:59:56

AVC-1981-050-2/2 **Voyager 2 Saturn Encounter News Briefing - 9:30 am**
Part 2 of 2; Panel Setting Q & A.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/22/1981 - 0:12:52

AVC-1981-051-1/1 **Voyager 2 Saturn Spoke Movie #1 Film**
Animation made from Voyager images;
Esker Davis - Deputy Voyager Project Manager -Overview; Dr.
Ed Stone - Voyager Project Scientist; Physics.
Panel Setting Q & A
Audience: Resource Site: von Kármán Aud.
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/01/1981 - 0:59:41

AVC-1981-052-1/2 **Voyager 2 Saturn Encounter News Briefing - 10:30 am**
Part 1 of 2 - Esker Davis, Voyager Project Manager, Project
Overview; Dr. Ed. Stone, Voyager Project Scientist, Coming
Events; Brad Smith, Team Leader, Imaging Science; Imaging
Results.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/23/1981 - 0:59:38

AVC-1981-052-2/2 **Voyager 2 Saturn Encounter News Briefing - 10:30 am**
Part 2 of 2
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/23/1981 - 0:08:05

AVC-1981-053-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**

7:45 am - no guest, 6:00 min.; 9:00 am - forgot to record /
guest was L. Lane; 11:45 am - guest, Ed Stone - 18:00 min.;
1:30 pm - guest, Garry Hunt (missed beginning) 19:00 min.;
2:30 pm - no guest - 3:20 min.

Audience: News

Client:

Master: 3/4" Submaster: DVCPRO25

Audio 1: Mono mix 2: Mono mix

08/21/1981 - 0:42:50

AVC-1981-054-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
:00 pm - guest, Richard Terrile - 18:03 min. 8/21/81; 7:45
am - no guest, (missed beginning) 1:30 min.; 9:00 am -
guest, Hal Masursky on Iapetus and what's coming up - 18:00
min.
Audience: News
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
08/21/1981 - 0:44:26

AVC-1981-055-0/1 **Voyager 2 Saturn Reports w/Al Hibbs**
11:00 am - guest, David Morrison on Iapetus - 14 min.; 1:30
pm - no guest - 2:30 min.; 2:30 pm - guest, Allan Cook; 3:30
pm - no guest ; 4:30 pm - guest, Jim Warwick - 20 min.
Audience: News
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
08/22/1981 - 0:00:00

AVC-1981-056-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
7:45 pm - no guest - 5 min.; 9:00 am - guest, Jeff Cuzzi -
12 min.; 10:00 am - guest, Fred Scarf - 13 min.; 11:45 am -
guest, Eugene Shoemaker - 15 min.
Audience: News
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
08/23/1981 - 0:48:00

AVC-1981-057-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
1:30 pm - Hibbs shows approach zoom movie - 5 min.; 2:30 pm
- Eugene Shoemaker - 13 min.; 4:25 pm - Andy Ingersoll - 14
min.
Audience: News

Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/23/1981 - 0:32:50

AVC-1981-058-1/2 **Voyager 2 Saturn Encounter News Briefing -10:30 AM**
Part 1 of 2 - Frank Bristow, Introduction; Richard Laeser,
Project Director; Dr. Ed Stone, Voyager Project Scientist
-Rings; Dr. Len Tyler, Team Leader, Stanford University -
Rings; Brad Smith, Team Leader, Imaging Science, Imaging
Results.

Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/24/1981 - 1:00:13

AVC-1981-058-2/2 **Voyager 2 Saturn Encounter News Briefing -10:30 AM**
Part 2 of 2

Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/24/1981 - 0:52:40

AVC-1981-059-1/1 **Voyager 2 Saturn Reports W/Al Hibbs**
7:45 am - no guest - 6:30 min.; 9:00 am -Al Hibbs, Voice of
Voyager; guest, Jim Sullivan - 12:30 min. (bow shock
crossing); 1:30 pm - guest, Joseph Ververka - 13:40 min.;
2:30 pm - no guest - 3:00 min.

Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/24/1981 - 0:35:33

AVC-1981-060-1/1 **Voyager 2 Satellite Feed (Televane Productions)**
5:00 pm; With Al Hibbs, Voice of Voyager; guest: Dr. Edward
Stone, Voyager Project Scientist; Lonnie Lane. NASA News NET
Live from JPL.

Audience: News
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/24/1981 - 1:01:35

- AVC-1981-061-1/2 **Voyager 2 Saturn News Briefing - 10:30 am**
 Part 1 of 2 - Esker Davis, Deputy Voyager Project Manager, Overview; Dr. Ed Stone, Voyager Project Scientist, Summary; Fred Scarf, Plasma Wave, PI; Brad Smith, Imaging Team, Satellites.
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 1:02:42
- AVC-1981-061-2/2 **Voyager 2 Saturn News Briefing - 10:30 am**
 Part 2 of 2, Panel Setting Q & A.
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: 3/4"
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 0:26:52
- AVC-1981-062-1/1 **Voyager 2 Saturn News Briefing - 3:00 pm**
 J. Beggs, B. Murray, A. Stofan
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 0:55:00
- AVC-1981-063-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
 Blue Room interviews & Updates 7:45 am - no guest; 9:05 am - guest, Norm Ness, Magnetic Fields, SFC; - 22 min. 1:30 pm - guest, Tom Krimigis, Imaging Team - 17:00 min.; 2:30 pm - guest Steve Synnott, Imaging Team - 9:00 min
 Audience: News Resource Site: Blue Room
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 0:58:54
- AVC-1981-064-1/2 **Voyager 2 Satellite Feed (Televane Productions)**
 5:00 pm Part 1 of 2
 Audience: News
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 1:00:00

- AVC-1981-064-2/2 **Voyager 2 Satellite Feed (Telewane Productions)**
 5:00 pm part 2 of 2; With Al Hibbs, Voice of Voyager;
 guest: Hal Mesursky, Imaging Scientist; Dr. Ed Stone,
 Voyager Project Scientist, Summary; Satellites and Saturn's
 Rings.
 Stone talk about New Experiments measuring a Star coming
 from behind Saturn and it's brightness appearing there.
 Also the measurements of Saturn's Rings.
 Audience: News Site: Blue Room
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 0:28:18
- AVC-1981-065-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
 6:30 pm - Garry Hunt in the Gallery; 6:35 pm - no guest -
 5:00 min.; 8:20 pm - no guest - 3:22 min.; 10:30 pm - no
 guest; 11:15 pm - no guest 2:30 min.; 11:26 pm - no guest
 4:06 min.
 Audience: News
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 0:31:32
- AVC-1981-066-1/1 **NIGHTLINE - 8:30 PM**
 Voyager 2 Saturn Reports w/Al Hibbs; 8:45 pm -guest - Ted
 Koppell reports Saturn's Encounter closest approach; 9:18 pm
 - Carl Sagan - Summary Saturn's Rings.
 There is a short segment on Ranger 7, 1964.
 Also, Reports on ceasing all future programs and future
 planetary exploration due to Challenger Disaster.
 Audience: News Site: Blue Room
 Client:
 Master: 3/4" Submaster: 3/4"
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 1:02:17
- AVC-1981-067-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
 12:00 midnight; Voyager 2 Saturn Reports with Al Hibbs,
 Voice of Voyager.
 Audience: News
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 08/25/1981 - 0:00:00

- AVC-1981-068-1/1 **Voyager 2 Saturn Encounter News Briefing - 3:45 am**
 Early morning News on Spacecraft emergency status;
 Esker Davis, Overview - Spacecraft Voyager Problems-Scan
 Platform was not working properly
 Audience: News
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/26/1981 - 0:13:03
- AVC-1981-069-1/1 **Voyager 2 Saturn Encounter News Briefing - 8:15 AM**
 Dick Laeser, Mission Project Director; Explanation of
 Spacecraft Scan Platform Problem.
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/26/1981 - 0:18:53
- AVC-1981-070-1/1 **NASA's Administrator's Message to JPL**
 Mr. James M. Beggs, NASA's Administration, After 29 plus
 minutes Transfer's Snowy.
 Audience: JPL News
 Client:
 Master: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/26/1981 - 0:37:00 Producer: NASA HQ
- AVC-1981-071-1/2 **Voyager 2 Saturn Encounter News Briefing - 10:30 am**
 Part 1 of 2 - Frank Bristow, Introduction, Dick Laeser,
 Project Overview, Mission Project Director; Ed Stone,
 Science Overview, Project Scientist; Brad Smith, Imaging
 Results, Imaging Team; Larry Soderblom, Satellites, Imaging
 Team.
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/26/1981 - 1:00:13
- AVC-1981-071-2/2 **Voyager 2 Saturn Encounter News Briefing - 10:30 am**
 Part 2 of 2; Panel Setting, Q & A.
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
08/26/1981 - 0:08:09

AVC-1981-072-1/1 **Voyager 2 Spoke Movie #2**
Made from Voyager 2 images of Saturn's rings. Fast 0:00 - 0:19 repeat 0:24 - 0:30; slow 0:40 - 1:13 repeat 1:04 - 1:35
Audience: News
Client: , Org. S
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Silent
08/26/1981 - 0:02:25

AVC-1981-073-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
7:45 am no guest; 9:00 am - guest, Ed Stone - Voyager Project Scientist - 10:00 min.; 12:00 noon - Incoming Pix during News Briefing; 1:30 pm - guest, Ek Davis - 7:00 min.; 2:30 pm - guest, Verner Suomi, Imaging Team.
Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/26/1981 - 0:52:02

AVC-1981-074-1/1 **Voyager 2 Satellite Feed (Televane Productions)**
5:00 pm
Audience: News
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/26/1981 - 1:00:00

AVC-1981-075-1/1 **Voyager 2 Saturn Encounter News Briefing - 6:15 PM**
Ek Davis answers press on Spacecraft problem
Audience: News
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/26/1981 - 0:00:00

AVC-1981-076-1/2 **Voyager 2 Saturn Encounter News Briefing -10:30 AM**
Part 1 of 2 - Esker Davis, Deputy E. Stone, A. Lane, F. Scarf, G. Hunt, B. Smith
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix

08/27/1981 - 1:00:00

AVC-1981-076-2/2 **Voyager 2 Saturn Encounter News Briefing -10:30 AM**
Part 2 of 2, Panel Setting - Q & A.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/27/1981 - 0:29:38

AVC-1981-077-1/1 **Voyager 2 Satellite Feed (Televane Productions)**
5:00 pm
Audience: News
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/27/1981 - 1:00:00

AVC-1981-078-1/1 **Voyager 2 Saturn Encounter Ring/Spoke Movie #2**
Made from Voyager 2 images of Saturn's rings.
Audience: News Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Silent
08/26/1981 - 0:02:30

AVC-1981-079-1/1 **KCET "NEWSBEAT" w/JPL PIO**
Bristow and Al Hibbs in the Blue Room. Also, "Saturn Watch"
Audience: News
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/27/1981 - 0:30:00

AVC-1981-080-1/2 **Voyager 2 Saturn Encounter News Briefing -10:30 am**
Part 1 of 2 - D. Laeser, E. Stone, B. Smith, L. Soderblom,
R. West, M. Kaiser, B. Conrath, V. Eshleman, A. Lane
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/28/1981 - 1:00:00

AVC-1981-080-2/2 **Voyager 2 Saturn Encounter News Briefing -10:30 am**
Part 2 of 2; guest speakers: Dr. Barney Conrath -
Spectroscopy; Von Eshleman - Radio Science Member; Lonnie

Lane - Photopolarimetry; Q & A Panel Setting.
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/28/1981 - 0:54:19

AVC-1981-081-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
7:45 am - no guest ; 9:00 am - guest, Jim Warwick; 1:30 pm -
guest, Norm Ness - 23:00 min.; 2:30 pm - guest, Toby Owen -
16:00 min.; 6:30 pm - no guest
Audience: News
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/27/1981 - 0:00:00

AVC-1981-082-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
7:45 am - no guest - 2:00 min.; 9:00 am - guest - 21:00
min., Fred Scarf, PI, Plasma Waves, Instrument Measurements;
1:30 pm - guest, Rich Terrile, Imaging Team, Rings Theory
Formation; Vortex Separation - 18:13 min.
Audience: News Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/28/1981 - 1:06:51

AVC-1981-083-1/1 **Voyager 2 Satellite Feed (Televane Productions)**
5:00 pm
Audience: News
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/28/1981 - 1:00:00

AVC-1981-084-1/1 **Voyager 2 AIR CHECKS - LOG TAPE**
1) NBC TODAY - Brad Smith 8/24/81; 2) NBC TODAY
8/25/81; 3) NBC TODAY 8/26/81; 4) ABC GOOD MORNING AMERICA
8/26/81
Audience: Resource
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
Copyrighted video, obtain permission
08/24/1981 - 0:00:00

- AVC-1981-085-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
 3:30 pm -w/Al Hibbs - no guest; 6:20 pm - no guest; also,
 "L.A. WEEK IN REVIEW" KCET CH 28, 6:30 pm; With Frank
 Bristow and Al Hibbs, JPL PIO; and Clete Roberts and guests
 in studio; Bob Fuss, UPI Radio; George Alexander; and
 Charles Kohlhasse Mission Design Manager.
 Audience: News
 Client:
 Master: 3/4" Submaster: DVCPRO25
 Audio 1: Silent 2: Mono mix
 08/28/1981 - 1:02:20
- AVC-1981-086-1/3 **Voyager 2 Saturn Encounter News Briefing - 9:30 am**
 Part 1 of 3 - E. Davis - Project Overview; E. Stone -
 Science Overview; B. Smith - Rings; C. Sagan - Iapetus; L.
 Esposito - Rings
 Audience: News Site: von Kármán Aud.
 Client:
 Master: 3/4" U
 Audio 1: Mono mix 2: Mono mix
 08/29/1981 - 1:00:00
- AVC-1981-086-2/3 **Voyager 2 Saturn Encounter News Briefing - 9:30 am**
 Part 2 of 3 - N. Ness - Magnetic Fields; D. Chenette - Moon
 Absorption; H. Bridge - Plasma Torus; T. Krimigis -
 Energetic Particles; D. Gurnett - Plasma Waves
 Audience: Site: von Kármán Aud.
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 08/29/1981 - 1:00:00
- AVC-1981-086-3/3 **Voyager 2 Saturn Encounter News Briefing - 9:30 am**
 Part 3 of 3
 Audience: Site: von Kármán Aud.
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 08/29/1981 - 0:00:00
- AVC-1981-087-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
 7:45 am - no guest - 3:00 min.; 9:00 am - guest, Ellis Miner
 - 13:28 min.; 1:20 pm - guest, Lonnie Lane - 15:30 min.;
 2:30 pm - guest, Jim Sullivan - 20:00 min.; 4:30 pm - no
 guest - 5:00 min.

Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
08/29/1981 - 0:00:00

AVC-1981-088-1/3 **Voyager 2 Saturn Encounter News Briefing - 9:30 am**
Part 1 of 3 - E. Davis - Project Overview; L. Tyler Radio
Science; L. Soderblom - Satellites; B. Smith - Imaging
Results; J. Romig - Electrostatic Discharges; D. Hamilton -
Trapped Radiation ; L. Esposito - Rings; A. Ingersoll -
Atmospheres; E. Stone
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
08/30/1981 - 1:00:00

AVC-1981-088-2/3 **Voyager 2 Saturn Encounter News Briefing - 9:30 am**
E. Davis - Project Overview
L. Tyler - Radio Science
L. Soderblom - Satellites
B. Smith - Imaging Results
J. Romig - Electrostatic Discharge
D. Hamilton - Trapped Radiation
L. Esposito - Rings
A. Ingersoll - Atmosphere
Audience: News Site: von Kármán Aud.
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
08/30/1981 - 0:59:53

AVC-1981-088-3/3 **Voyager 2 Saturn Encounter News Briefing - 9:30 am**
Part 3 of 3
Audience: Site: von Kármán Aud.
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
08/30/1981 - 0:24:00

AVC-1981-089-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
7:45 am - 6:00 min.; 9:00 am - 12 min.; 1:30 pm - guest,
Nicholas Booth, a student from London - 16 min. discussing
Dyager Mission, Uranus and Neptune
Audience: News

Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/30/1981 - 0:29:34

AVC-1981-090-1/1 **Voyager 2 Saturn Reports w/Al Hibbs**
3:30 pm - guest, Gary Hunt, Imaging Team; and Victor Frisbee
Audience: Site: Blue Room
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/30/1981 - 0:21:40

AVC-1981-094-1/1 **STS-1 Post Flight Press Conference Shuttle Columbia**
Film -
Audience: News
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/01/1981 - 0:18:50

AVC-1981-097-1/1 **Voyager 2 Saturn Results**
Ed Stone's Talk - Discussed Voyager Mission Overview of
Voyager 2 flyby of Saturn's Satellites.
Audience:
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/06/1981 - 1:00:00

AVC-1981-103-1/1 **Voyager 2 Saturn Approach Zoom Movie**
Animation made from Voyager images. Images of Saturn.
Audience: Tech.
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Silent 2: Silent
08/01/1981 - 0:02:45

AVC-1981-107-1/1 **The Many Faces of the Sun**
Narrated by Dave Glackin
Audience:
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/12/1981 - 0:31:35

- AVC-1981-108-1/1 **VS-4 Voyager 1 Saturn Encounter Computer Animation**
 Made for the Planetary Society - VS-4.
 Audience: Resource
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Silent 2: Silent
 11/01/1981 - 0:05:00
- AVC-1981-112-1/1 **Saturn Vortex Street**
 Saturn cloud images in movement. By International
 Laboratories of Atmospheres.
 Audience: Resource
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Silent 2: Silent
 12/01/1981 - 0:07:40
- AVC-1981-113-1/1 **Voyager Saturn Imagery**
 his video contains computer animation combined with real
 data.
 Audience: Resource
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Silent 2: Silent
 05/01/1981 - 0:14:00
- AVC-1981-114-1/1 **Voyager/Saturn Encounter**
 NASA Aeronautics and Space Report; Produced by NASA
 Audience:
 Client:
 Master: 1" IVC
 Audio 1: Mono mix 2: Mono mix
 12/01/1981 - 0:02:30
- AVC-1981-115-1/1 **Columbia Returns to Space**
 Aeronautics and Space Report
 Audience:
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 12/01/1981 - 0:15:10
- AVC-1981-116-1/1 **"Voyager/Saturn Encounter" - Aeronautics & Space Report**
 Pre-Saturn encounter overview; By Dr. Brad Smith, Imaging
 Team Leader, Imaging Science.
 Audience: Gen.

Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Mono Mix 2: Mono Mix
05/01/1981 - 0:05:15 Producer: NASA HQ

AVC-1982-004-1/1 **Solar Mesosphere Explorer**
First 3:48 No Sound; Narration unknown.
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
01/01/1982 - 0:01:00

AVC-1982-017-1/1 **The JPL and the Media**
Samples of JPL's News Dissemination Methods during the Saturn Encounter. Inserts from Previous Recordings with Al Hibbs, Voice of Voyager.
Audience: JPL
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
04/01/1982 - 0:19:20

AVC-1982-018-1/1 **GALILEO: Encounter with the Planet Earth -**
Delta Vega 2+ Trajectory, Galileo Encounter with the Planet Earth -
Audience: JPL
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Silent 2: Silent
04/01/1982 - 0:22:50

AVC-1982-019-1/1 **Art Conservation Image Processing**
By: JPL and the Los Angeles Museum of Art.
Audience: JPL Resource
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: N/A 2: N/A
04/01/1982 - 0:02:00

AVC-1982-023-1/1 **Change of Directorship Ceremony**
Dr. Bruce Murray ceremony held at JPL Plaza Mall.
Speaker: Dr Harold Brown honors Dr. William Pickering Retirement, 20 years of service; 1954-1976.
Audience: JPL
Client:

Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/31/1976 - 0:29:23

AVC-1982-025-1/1 **Dr. Bruce Murray Farewell Ceremony**
6 years of services as Director; Speaker: Dr. Stanton Avery,
Caltech, Founder of Board of Trustees. June 30, 1982.
Audience: JPL
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/1982 - 0:35:05

AVC-1982-027-1/1 **Men Encounter Mars**
VTV-12
A black & white movie depicting the reactions and
comments of the people involved with Mariner 4's flyby of
Mars on July 14, 1965. Includes scenes from the Space Flight
Operations Facility, von Kármán Auditorium and other
locations at JPL. Some of the Mars images are shown.
Featured are:
Dr. William Pickering, Director JPL
Dan Schneiderman, Flight Project Manager
Jack James, Pre-flight Project Manager
Bill Collier - Deputy Project Manager
John Casani - Systems Manager
Dr. Van Allen - Scientist
Dr. Arvydas Kliore - Scientist
Dr. Robert Layton - Scientist
Dr. Bruce Murray - Scientist
President Lyndon B. Johnson
Audience: Gen. Site: JPL
Client: NASA
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix JPL 684; HQ-149
12/30/1965 - 0:28:22 Producer: Drew Associates

AVC-1982-029-1/1 **LANDSAT "D" Launch Vandenberg AFB**
Switcher/Program (Broadcast) Landsat "D" Launch Vandenberg
AFB.
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Silent
06/16/1982 - 0:46:40

AVC-1982-042-1/1 **Installation Ceremony of the Director Dr. Lew Allen Jr.**

Speakers: General Charles Terhune and Marvin Goldberger,
Caltech President.
October 15, 1982.
Audience: JPL
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
10/15/1982 - 0:18:51

AVC-1982-043-1/1 **Galileo Antenna Deployment**

Oct. 15, 1982
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
10/15/1982 - 0:11:13

AVC-1982-044-1/1 **Installation Ceremony of the Director Dr. Lew Allen Jr.**

INSERTS: Photo of Dr. Allen from Airman Magazine in uniform.
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
10/15/1982 - 0:17:00

AVC-1982-045-1/1 **Installation Ceremony of the Director Dr. Lew Allen Jr.**

Live, unedited; Speakers: General Charles Terhune, and
Marvin Goldberger, Caltech's President.
Audience: JPL Resource
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
10/15/1982 - 0:18:33

AVC-1982-048-1/1 **Jupiter the Giant - Saturn the Gem**

(Single Screen Version) Slide show.
Audience: Gen.
Client:
Master: 3/4" Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
10/01/1982 - 0:12:00

AVC-1983-001-1/1 **JPL Public Information Archive**

Laser Disc Transfer; Archived Rangers -6,7 and Moon Cameras;
A and B, P1,P2,P3 and P4. Over 6, 000 pictures were taken
with these cameras. Also clips from Surveyor 7 Landing on

the Moon and Launch.
Audience: JPL
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
12/01/1982 - 1:02:33

AVC-1983-004-1/1 **IRAS TV CLIP (Film to tape transfer)**
JPL-PIO; News Release
Audience: News
Client:
Master: 3/4" Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
01/24/1983 - 0:08:00

AVC-1983-005-1/1 **IRAS Launch Jan. 25, 1983**
Vandenberg Air Force Base Delta 166 Rocket; Gerald Smith,
Project Manager held short Briefing.
Audience: JPL
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Mono mix 2: Silent
01/25/1983 - 0:06:40

AVC-1983-008-1/1 **JPL STORY - A Tradition of Discovery**
The history of JPL to present day 1983(Film to tape
transfer). Segments include history segment with Dr. Al
Hibbs, Imaging radar segment with Dr. Charles Elachi, and a
telescope segment with Dr. Richard Terrile. Ending of
program with Dr. Lew Allen.
Audience: Gen.
Client: PIO
Master: 1"C
Audio 1: Mono mix 2: Mono mix
03/10/1983 - 0:17:17

AVC-1983-009-1/1 **Jupiter Mosaic Maps - Cloud Activity**
(Film to tape transfer)
Audience:
Client:
Master: 3/4" Submaster: DVCPRO25
Audio 1: Silent 2: Silent
03/30/1983 - 0:07:33

AVC-1983-010-1/1 **FY 84 Budget**
Galileo Antenna; Viking I Lander; Petroglyphs; Jupiter Map.

Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/01/1983 - 0:00:00

AVC-1983-010-1/1 **JPL HORIZONS**
IRAS, SIR-A; JPL Horizons & FY84
Budget - IRAS, SIR-A
Audience: JPL
Client: Neuhauser
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/01/1983 - 0:18:45 Producer: Bridges

AVC-1983-010-1/1 **FY 84 Budget**
Galileo Antenna; Viking I Lander; Petroglyphs; Jupiter Map.
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/01/1983 - 0:00:00

AVC-1983-011-1/1 **IRAS Launch**
Video & film raw stock
Audience:
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/25/1983 - 0:06:00

AVC-1983-016-1/1 **Shuttle Imaging Radar Looks at Earth**
(Film to tape transfer) Charles Elachi
Audience:
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/01/1983 - 0:13:00

AVC-1983-016-1/1 **Shuttle Imaging Radar Looks at Earth**
(Film to tape transfer) Charles Elachi, PI; Shuttle Landing.
Audience: News
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/01/1983 - 0:12:23

- AVC-1983-017-1/1 **Galileo Antenna Modification**
 Engineers are sewing raw material to secure the High Gain Antenna. Narrated by Engineer.
 Audience: JPL
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 04/07/1983 - 0:07:28
- AVC-1983-028-1/1 **Shuttle Imaging Radar Looks at Earth**
 Charles Elachi, PI; Navigating the Earth's surface from Space and the Shuttle's return and landing.
 Audience: Tech. JPL
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 08/29/1983 - 0:12:10
- AVC-1983-032-1/1 **Measuring the Sun: the Active Cavity Radiometer**
 Dr. Richard Wilson, SunSpot Solar Energy; Marshall Space Flight Center.
 Audience: NASA Resource
 Client: , Org. S
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Mono mix 2: Silent
 08/01/1983 - 0:06:26
- AVC-1983-033-1/1 **Galileo Antenna Shake Test**
 No sound, March 3, 1983.
 Audience: JPL
 Client:
 Master: 3/4" Submaster: DVCPPro25
 Audio 1: Silent 2: Silent
 03/08/1983 - 0:04:00
- AVC-1983-034-1/1 **NASA 25th Anniversary**
 Film transfer ASR 223
 Audience: Gen. NASA Resource
 Client:
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 08/01/1983 - 0:50:00
- AVC-1983-042-1/1 **International Halley Intercept Movie**
 Comet Rendezvous Mission - Inner Solar System : 1984-1986

Audience: Tech.
Client: , Org. JPL
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/01/1983 - 0:32:57

AVC-1983-046-1/1 **President Reagan's Address for NASA'S 25TH Anniversary**
1958-1983; In Washington.
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
/ / - 0:20:37

AVC-1983-047-1/3 **IRAS News Conference**
1 OF 3, Speakers: James Beggs, NASA Administrator, Dr.
Edlerson, Mr. Sqibbs, JPL; Mr. Koodman, Dr. Nancy Bogggers
and others.
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/09/1983 - 1:00:49

AVC-1983-047-2/3 **IRAS News Conference**
2 OF 3
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/09/1983 - 0:56:30

AVC-1983-047-3/3 **IRAS News Conference**
3 OF 3, Q & A Panel Setting; Also, 747-Shuttle Landing.
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Silent
11/09/1983 - 0:53:51

AVC-1984-005-1/1 **"VOYAGER" - 1984 (The Movie)**
VTV-3
Narrated story of the twin Voyager spacecraft's
encounters with Jupiter, Saturn and their moons. Scenes from
JPL news room, mission control, and science conferences.
Contains result images, and computer and cell animations.
Produced for JPL by Graphic Films Corp.

Audience: Gen. Resource
Client: Bristow
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix JPL 111
Film - Transferred 9/4/84
01/01/1984 - 0:25:00 Producer: Les Novros/Bristow

AVC-1984-007-1/1 **1984 MARS ROVER PROTOTYPE**
(Film to tape transfer) Demonstration of Rover Prototype
climbing rocks and slops.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/01/1983 - 0:08:00 Producer: Garrett Pane

AVC-1984-011-1/1 **Comet Halley: Here it Comes Again**
PIO
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/02/1983 - 0:20:06 Producer: John Gerber Gen Ent.

AVC-1984-013-1/1 **IRAS Briefing Film Produced by Vandenberg AFB**
Produced by Gene Langenfeld and Jim Morr; 1369th Audio
visual Squadron, Vandenberg AFB.
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
02/01/1984 - 0:10:28

AVC-1984-014-1/1 **Galileo Probe: Delivery to JPL**
Joel Harris
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
02/01/1984 - 0:05:00

AVC-1984-015-1/1 **Formation of the Solar System**
ANIMATION SEQUENCE
Audience:
Client:
Master: 3/4" Submaster: DVCPro25

Audio 1: Silent 2: Silent
Slight film print imperfection
02/01/1984 - 0:03:16

AVC-1984-016-1/1 **LAUNCH OF LANDSAT 1984**

Tom Jaqua, March 1, 1984
(Range Safety Camera View)
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
02/01/1984 - 0:50:00

AVC-1984-020-1/1 **Remote Possibilities**

Film about Landsat (Film to tape transfer of HQ 280) Images
seen Remotely from oscillating mirrors.
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/01/1977 - 0:15:07 Producer: Richard Evan

AVC-1984-022-1/1 **the Active Cavity Radiometer**

News Clip: Dr. Richard Wilson describing the radiometer
internal components in relationship to studying the Sun and
it's spots.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/01/1984 - 0:03:13

AVC-1984-025-1/1 **VOYAGER: URANUS AND NEPTUNE**

An Overview by Dr. Ed Stone
Audience: Gen. Site: von Kármán
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/01/1984 - 1:02:14

AVC-1984-026-1/1 **Viking Orbiter and Lander Animation**

Animation - "CENTAUR IUS STOCK FOOTAGE"
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent

03/01/1984 - 0:04:28

AVC-1984-027-1/1 **GOLDSTONE ANTENNA**
Stock Footage
Audience: JPL
Client: G. Harms
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
03/01/1984 - 0:09:56

AVC-1984-028-1/1 **VIKING ON MARS**
VTV-17
Videotape Transfer of the 3 35mm slide projector
multi-media presentation. James Earl Jones narrates this
historical look at Mars through the years and the Viking
Mars Project.
Audience: Gen.
Client: Neurale
Master: 3/4" Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/06/1984 - 0:16:40

AVC-1984-037-1/1 **Aeronautical Oddities**
Film transfer of JSC 795. Old newsreel documents the
successes and failures of early aeronautical oddities.
(Film is in Black & White.)
Audience: JPL Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/01/1979 - 0:16:30

AVC-1984-042-1/1 **VOYAGER TO NEPTUNE**
Computer Animation
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/1984 - 0:05:00

AVC-1984-050-1/1 **THE JPL STORY**
(Film to tape transfer)
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/01/1984 - 0:15:00

- AVC-1984-053-1/1 **SOLAR MAX REPAIR MISSION**
(Martin Marietta) MMU - Test Facility Man Maneuver Unit.
Bruce McCandness, Astronaut.
Audience: Tech.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/01/1984 - 0:07:12
- AVC-1984-061-1/1 **"Mariner '69" & "Mars the Search Begins"**
Film transfers: 21:00 min. and 28:00 min.
Narrated Film
Audience: Gen.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/01/1984 - 1:02:36 Producer: JPL
- AVC-1984-062-1/1 **Mercury: Exploration of A Planet & Planet Mars**
Film to Tape Transfer.
Produced by an outside producer.
Audience: JPL Resource
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/01/1984 - 0:25:00
- AVC-1984-062-1/1 **Mercury: Exploration of A Planet & Planet Mars**
(JPL 1046) By: Bruce Murray; Introduction
Viking Missions 1 and 2; Mariner's Missions 4,6 & 9.
Produced by: Graphic Films Corp.
Audience: JPL Resource
Client:
Master: DVCPro25 Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
01/01/1984 - 0:52:18 Producer: Graphic Films Corp.
- AVC-1984-062-1/2 **"Mercury: Exploration of a Planet" (JPL 1046) & "Planet Mars"**
(JPL 1046) Plus Planet Mars by Bruce Murray, Lab Dir.
Introduction Viking Mars Mission; Mariner's 4,6 and 9 and
Viking 1 & 2.
Audience: Gen.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

08/01/1984 - 0:52:18 Producer: Graphic Films Corp.

AVC-1984-062-2/2

Planet Mars - 1979

An intriguing story of the exploration of our celestial neighbor from the beginning through the Seventies; early investigation by telescope, Mariner spacecraft, the Viking Orbiters, and the landing of Viking robotic Landers on the Martian surface. Included are scenes from the JPL control room during the first landing. Using animation and actual images, theories of how the planet was formed are explained. The influences weather, meteorites, volcanism on the surface. The difficulties of life detection were discussed. Appearing in the film: A. Thomas Young, James Martin, Ronald Greenly and Harold P. Klien. Produced by Lester Novros of Graphic Films for NASA.

Audience: Gen.

Client: NASA

Master: 1"C

Audio 1: Mono mix 2: Mono mix JPL 1078

08/01/1984 - 0:28:30 Producer: Graphic Films

AVC-1984-064-1/1

Galileo Vibration Tests

(Sound)

Audience:

Client:

Master: 3/4" U

Audio 1: Mono mix 2: Mono mix

10/02/1984 - 0:03:00

AVC-1984-065-1/1

SHUTTLE IMAGING RADAR-B

News Clip; Second Flight, Dr. Charles Elachi demonstrated the Radar capabilities.

Audience: Gen.

Client:

Master: 3/4" U Submaster: DVCPro25

Audio 1: Silent 2: Mono mix

10/01/1984 - 0:06:00

AVC-1984-067-1/1

Goldstone Antenna Animation

Silent

Audience: Resource

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

10/01/1984 - 0:01:00

- AVC-1984-081-1/1 **SIR-B Imagery**
Montreal Canada - Charles Elachi.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
10/07/1984 - 1:00:56
- AVC-1984-082-1/1 **SIR-B Imagery**
Montreal Canada, Color Exposure - Charles Elachi
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
10/07/1984 - 0:02:58
- AVC-1984-086-1/1 **SIR-B Imagery**
STS-41G - Charles Elachi - Montreal, Orbit 37, Quebec 37,
Ecuador, Orbit 39, Maine 37; Peru
Orbit 39.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
10/10/1984 - 0:06:25
- AVC-1984-088-1/1 **SIR-B**
Quick Look-Mission & Results, 10/5/84 - 10/13/84
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
10/20/1984 - 0:05:00
- AVC-1985-002-1/1
Comets: Windows Into Time
Original version; NOTE: Film-to-tape transfer
Audience: Tech. JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/01/1981 - 0:07:12 Producer: Frank Bristow
- AVC-1985-003-1/1 **Comets: Windows Into Time**
Jan. 1985 version
Audience: Tech. JPL

Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/01/1985 - 0:04:30

AVC-1985-005-1/1 **Excerpts from Voyager 2 - Saturn Encounter**
1. NASA News Net; Voyager 2-Saturn 81. 2. News Room; 3. Blue
Room w/ Al Hibbs, Voice of Voyager;
Guest: Dr. Ed Stone, Voyager Project Scientist and Richard
Laser, Mission Director.
Audience: JPL NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/01/1985 - 0:13:00

AVC-1985-008-1/1 **IRAS - Space Technology from the Netherlands**
Join by the United States and Great Britain.
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/01/1985 - 0:24:12

AVC-1985-011-1/1 **Galileo Mission to Jupiter**
(Film-to-tape transfer)
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/01/1985 - 0:05:00

AVC-1985-013-1/1 **Galileo: Move from Spacecraft Assembly**
Facility to Spacecraft Simulator (film-to-tape transfer)
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
12/01/1984 - 0:06:30

AVC-1985-045-1/1 **Excimer Laser Excerpts**
Dr. Jim Laudenslager, JPL; President Ragan State of the
Union Address. ABC Newsnight Line - Laser bypass Surgery.
Audience: Gen. NASA News
Client:
Master: 3/4" U Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
08/01/1985 - 0:16:40

AVC-1985-047-1/1 **Jupiter Magnetosphere**
(Film to tape transfer)
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/01/1985 - 0:03:16 Producer: JPL Comp GraphicsLab

AVC-1985-048-1/1 **Galileo Spin Test**
(no description)
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
08/01/1985 - 0:04:00

AVC-1985-051-1/1 **Drop Dynamics Module**
SPACELAB 3 - Taylor Wang
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
03/01/1985 - 0:03:35

AVC-1985-058-1/1 **IRAS Map of the Galaxy**
Silent - C. Beichman
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
05/01/1985 - 0:05:11

AVC-1985-061-1/2 **RTG Handling**
Tape 1 of 2 - (Raw Stock) F. Locatel
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
04/23/1985 - 0:20:05

AVC-1985-061-2/2 **RTG Handling**
ape 2 of 2 - (Raw Stock) F. Locatel; 4 -25-85, Raw Stock.
Audience: JPL

Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
04/23/1985 - 0:06:26

AVC-1985-063-1/1 **Mission Excerpts**
Drop Dynamics Module - Spacelab 3 -Taylor Wang
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/10/1985 - 0:11:22

AVC-1985-065-1/2 **TAYLOR WANG - WELCOME HOME CEREMONY**
Held at JPL Mall
Audience: Gen.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/10/1985 - 0:25:02

AVC-1985-065-2/2 **TAYLOR WANG - WELCOME HOME CEREMONY**
C2M (Raw) 5/10/85
Audience: Gen.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/10/1985 - 0:14:00

AVC-1985-066-1/2 **Taylor Wang - Press Conference**
Tape 1 of 2 - NOTE: Camera problems in first few minutes.
Audience: News Site: von Kármán Aud
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/10/1985 - 0:20:47

AVC-1985-066-2/2 **Taylor Wang - Press Conference**
Tape 2 of 2
Audience: News
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
05/10/1985 - 0:19:08

AVC-1985-067-1/16 **Drop Dynamics Module**

Taylor Wang Spacelab 3 - Part 1 of 16
Audience: Gen.
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
04/29/1985 - 0:59:00

AVC-1985-067-2/16 **Drop Dynamics Module**
Part 2 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
04/29/1985 - 1:00:51

AVC-1985-067-3/16 **Drop Dynamics Module**
Part 3 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
04/29/1985 - 0:62:34

AVC-1985-067-4/16 **Drop Dynamics Module**
Part 4 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
04/29/1985 - 0:52:54

AVC-1985-067-5/16 **Drop Dynamics Module**
Part 5 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
04/30/1985 - 0:63:00

AVC-1985-067-6/16 **Drop Dynamics Module**
Part 6 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/01/1985 - 0:63:00

AVC-1985-067-7/16 **Drop Dynamics Module**
Part 7 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/01/1985 - 0:50:55

AVC-1985-067-8/16 **Drop Dynamics Module**
Part 8 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/02/1985 - 0:52:56

AVC-1985-067-9/16 **Drop Dynamics Module**
Part 9 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/02/1985 - 0:59:53

AVC-1985-067-10/1 **Drop Dynamics Module**
Part 10 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/02/1985 - 0:63:00

AVC-1985-067-11/1 **Drop Dynamics Module**
Part 11 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/03/1985 - 0:54:06

AVC-1985-067-12/1 **Drop Dynamics Module**
Part 12 of 16
Audience:
Client:
Master: 3/4" U

Audio 1: Mono mix 2: Mono mix
05/03/1985 - 0:51:51

AVC-1985-067-13/1 **Drop Dynamics Module**
Part 13 of 16 - 5/3-4/85
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/04/1985 - 0:49:03

AVC-1985-067-14/1 **Drop Dynamics Module**
Part 14 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/06/1985 - 0:21:15

AVC-1985-067-15/1 **Drop Dynamics Module**
Part 15 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/06/1985 - 0:56:53

AVC-1985-067-16/1 **Drop Dynamics Module**
Part 16 of 16
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
05/06/1985 - 0:08:21

AVC-1985-068-1/1 **Drop Dynamics Module Mission Excerpts**
Early Version
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
05/10/1985 - 0:06:23

AVC-1985-069-1/1 **Excimer Laser**
Stock Video - (Raw) - Jim Laudenslager demonstrates the
Laser capabilities.

Audience: Tech. JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/01/1995 - 0:13:37

AVC-1985-071-1/1 **KSC R.T.G. Handling**
Rough Edit; KSC RTG Handling; Rough Edit - walk thru, JPL
Galileo - Hardware RTG.
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
06/01/1985 - 0:49:42

AVC-1985-087-1/1 **ULYSSES - RTG Handling Walk-thru**
John Kayele - Mechanical Engineer, Ulysses Spacecraft; Walk
Thru.
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/08/1985 - 0:50:22

AVC-1985-089-1/1 **Mean Cloud Cover and Altitude**
Kevin Hussey (film-to-tape transfer) Animation Processing.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: NO SOUND 2: NO SOUND
07/08/1985 - 0:10:18

AVC-1985-090-1/4 **RTG Handling**
Tape 1 of 4 - Videotaped by KSC
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/09/1985 - 1:00:00

AVC-1985-090-2/4 **RTG Handling**
Tape 2 of 4 - Videotaped by KSC
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

07/09/1985 - 1:00:00

AVC-1985-090-3/4 **RTG Handling**
Tape 3 of 4 - Videotaped by KSC
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/09/1985 - 1:00:00

AVC-1985-090-4/4 **RTG Handling**
Tape 4 of 4 - Videotaped by KSC
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/09/1985 - 0:25:48

AVC-1985-093-1/1 **MEN ENCOUNTER MARS**
film to tape transfer; July 1965 in Black & White
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/1985 - 0:28:42

AVC-1985-101-1/2 **President Li at the Jet Propulsion Laboratory**
Part 1 of 2 - Introduction Ceremony; followed by a tour of
the LAB. (He had an Interpreter to translate).
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/15/1985 - 0:17:00

AVC-1985-101-2/2 **President Li at JPL (SAF)**
Part 2 of 2; President Li visited the SFOF, John Casani
explained the Galileo Spacecraft and Launch and planetary
encounters, time and dates - He also viewed some of the
other hardware of the Spacecraft.
Audience: JPL Site: von Kármán Aud
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/29/1985 - 0:25:11

- AVC-1985-103-1/1 **Welcome to Outer Space - 1985**
 3 Projector, single screen version of a slide show about the history and future of JPL, 1985.
 Phil Neuhauser Executive Producer.
 Audience: JPL
 Client:
 Master: 3/4" U Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 08/01/1985 - 0:23:26 Producer: Phil Neuhauser
- AVC-1986-002-1/1 **Ulysses Mission to the Sun**
 VTV-4 NOTE: Channels 1 and 2 audio in mono
 Audience: Gen.
 Client:
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 10/15/1985 - 0:08:53
- AVC-1986-003-1/1 **Halley's Comet Mission Animations**
 10/23/85 - 21:30 min.; Animation
 Audience: Resource
 Client:
 Master: 3/4" U Submaster: DVCPPro25
 Audio 1: No Sound 2: No Sound
 10/13/1985 - 0:21:33
- AVC-1986-004-1/1 **Voyager - Tour of Jupiter and Saturn**
 Edited Version - Channel 1: Effects, Channel 2: Narration by Al Hibbs, Voice of Voyager.
 Audience: JPL
 Client:
 Master: 3/4" U Submaster: DVCPPro25
 Audio 1: Silent 2: Mono mix
 10/27/1985 - 0:06:26
- AVC-1986-006-1/1 **"Halley Comet Mission Animation" & "Comets, Window Into Time"**
 Raw animations (silent):
 00:08 Planet-A Spacecraft View
 00:49 MS-T5 Spacecraft View
 01:30 VEGA-2 Spacecraft View
 02:12 GIOTTO Spacecraft View
 02:57 VEGA-1 Spacecraft View
 03:36 VEGA-1 Spacecraft View (double frame, slow)
 04:34 VEGA-2 Spacecraft View (fast)
 05:08 VEGA-1 Spacecraft View (slow)
 06:22 VEGA-1 Spacecraft View (fast)

06:59 Cometary Plasma Tail Simulation
08:20 Halley Orbit in Solar System
09:48 Halley Orbit in Solar System (fast)
11:31 1986 Halley - Earth View
12:40 1986 Halley - Earth View (fast)
13:25 1910 Halley - Earth View
14:29 1910 Halley Tail Brushing Earth (slow)
14:51 1986 Pathfinder Spacecraft Trajectories
16:08 JPL 1082 - "Comets, Window Into Time"
This film describes a proposed space mission to flyby
Halley's comet in 1985 and a rendezvous with comet Tempel 2
in 1988. The mission will be the first to use the solar
electric propulsion system.
Color/Sound, 4 1/2 min.
Audience: Gen.
Client:
Master: 1"C Submaster: DVCPro25
Audio 1: Mono 2: Mono
11/13/1985 - 0:20:35 Producer: JPL

AVC-1986-009-1/1 **Uranus and Satellites Rotation Movie**
VU-1 - 11/6&7/85; A film of Uranus Satellites rotating in
orbit around Uranus.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
11/07/1985 - 0:03:33

AVC-1986-010-1/1 **"Voyager Encounters Uranus" & "Voyager Encounters Neptune"**
VTV-31 (VU-4) Computer Graphics - Jim Blinn
Audience: Gen.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
12/07/1985 - 0:06:48

AVC-1986-011-1/1 **Voyager/Uranus Press Briefing**
NASA Headquarters - Speakers: Dr. Burton I. Edelson, Dr.
Richard Laeser, Dr. Edward Stone, Dr. Michael Kaiser, Dr.
Brad Smith
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/03/1985 - 1:06:00

- AVC-1986-016-1/1 **Dynamics of the IO Sodium Cloud**
Note: Film-to-tape transfer.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: No Sound 2: No Sound
01/01/1986 - 0:04:52 Producer: B.A. Goldberg
- AVC-1986-017-1/1 **Tour of Goldstone**
Selected stock footage for on-site narration on
DSS-11 -Pioneer; DSS-12 -ECHO; DSS-13 - Venus; DSS-14 -
Mars; DSS-15 -; DSS-16 - STSCOM.
Audience: Tech. JPL Site: Goldstone
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/08/1986 - 0:06:50
- AVC-1986-020-1/1 **THE DSN STORY - 1978**
Tells the Deep Space Network story from 1958 to early 70s
(JPL 1068 tape to film transfer) Goldstone, Australia,
Spain.
Audience: Gen. Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix JPL 1068
12/20/1985 - 0:12:26 Producer: Photo Lab
- AVC-1986-022-1/1 **Voyager at Uranus**
Press release, Jurrie van der Woude narration.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/06/1986 - 0:08:40
- AVC-1986-024-1/1 **Composite of Voyager 1 Saturn Films**
Voyager 1 Encounters Saturn: - Computer Simulation - Saturn
Encounter 1980 - Rings Rotation - Rotation Movie - Ring
Movie
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: No Sound 2: No Sound
01/14/1986 - 0:15:03

- AVC-1986-025-1/1 **Voyager 1 Launch - Close up**
NOTE: Film-to-tape transfer
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: No Sound 2: No Sound
09/05/1977 - 0:13:54
- AVC-1986-026-1/1 **Voyager 1 Launch - Long Shot**
NOTE: Film-to-tape transfer, very grainy
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
09/05/1977 - 0:05:39
- AVC-1986-027-1/1 **Probing the Clouds of Venus**
Charles S Hall - Project Manager discussed probe Models;
Narrated by George Rye.
Produced by the Ames Research Center Film #NAV-036 (JPL
1069) Pre-launch film describing the Pioneer Venus Mission.
Artist rendering of the expected surface of Venus. (Pioneer
Venus 1, Venus orbiter, launched 5/20/78, arrived 12/4/78.
Pioneer Venus)
Audience: Gen.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/01/1978 - 0:19:36
- AVC-1986-028-1/1 **Voyager 2 Encounters Uranus (VU-4)**
Narration by Charles Kohlhase
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/20/1986 - 0:07:00
- AVC-1986-029-1/1 **Halley's Comet Animations**
Animation Only - Jim Blinn - Special;
1910 Orbit – Close View
1986 Orbit – Close View
Vega 1, Plane -1-A; - Vega 2, MST-5, Giotto
Audience: Gen.
Client:

Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
01/01/1986 - 0:07:15

AVC-1986-030-1/1 **DSN/AUSTRALIA: PARKS**

NOTE: Film-to-tape transfer
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
01/21/1986 - 0:32:06

AVC-1986-031-1/1 **"Voyager 2 Encounters Uranus" (VU4) & " Uranian Moons"**

Voyager releases
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/20/1986 - 0:00:00

AVC-1986-032-1/1 **Uranus Animation**

Narration by Charles Kohlhasse
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/19/1986 - 0:05:00

AVC-1986-033-1/1 **Voyager 1 Launch - September 5, 1977**

Three camera angles.
Raw footage, film to tape transfer made 1/17/86.
Audience: Resource Site: KSC
Client:
Master: 1"C
Audio 1: Silent 2: Silent
01/17/1986 - 0:13:50 Producer: KSC

AVC-1986-034-1/2 **Voyager at Uranus - Press Conference**

Part 1 of 2 - Welcome: Dr. Lew Allen, JPL
Director and Dr. Burton Edelson, Associate
Director for NASA,
Panel: Ed Stone, Spacecraft Overview;
Dick Laeser, Mission Director, Spacecraft
Mechanics;
Brad Smith, Imaging Team Leader, University of
Arizona..

Audience: News Site: von Kármán Aud
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/22/1986 - 1:02:45

AVC-1986-034-2/2 **Voyager at Uranus - Press Conference**
Part 2 of 2; Brad Smith continues, Imaging Team Leader,
Follow by Q & A Setting.
Audience: News
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/22/1986 - 0:32:29

AVC-1986-035-1/1 **Voyager at Uranus - Blue Room Update**
8:00am - No guest, 9:00am - Al Hibbs, Voice of Voyager,
Charles Kohlhase, Spacecraft Design; 12:00pm - Torrence
Johnson, Imaging Team.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/22/1986 - 0:46:11

AVC-1986-036-1/1 **Voyager at Uranus - Blue Room Update**
1:00pm - Von Eshelman, 2:00pm - Rich Terrile; 3:00pm - Gary
Hunt
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/22/1986 - 0:40:40

AVC-1986-037-1/1 **Voyager at Uranus - Blue Room Update**
4:00pm - Donna Pivirotto, 5:00pm - Dick Laeser
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/22/1986 - 0:17:19

AVC-1986-038-1/2 **Voyager at Uranus - News Briefing - 1/23/86**
Part 1 of 2 - PANEL: Brad Smith, Ed Stone, Dick Laeser
Audience:
Client:

Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/23/1986 - 1:00:00

AVC-1986-038-2/2 **Voyager at Uranus - News Briefing - 1/23/86**

Part 2 of 2

Audience:

Client:

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

01/23/1986 - 0:20:00

AVC-1986-039-1/1 **Voyager at Uranus - Blue Room Update**

8:00am - No guest, 9:00am - Lonnie Lane; 12:00pm - Michael
Kaiser

Audience:

Client:

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

01/23/1986 - 0:35:00

AVC-1986-040-1/1 **Voyager at Uranus - Blue Room Update**

Part 1 of 2: 1:00pm - Fred Scarf, 2:00pm - Don Gray; 3:00pm
- Andy Ingersoll; 4:00pm - No guest

Audience:

Client:

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

01/23/1986 - 1:00:00

AVC-1986-041-1/1 **Voyager at Uranus - NASA SCIENCE REPORT**

Televane Productions

Audience:

Client:

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

01/23/1986 - 1:00:00

AVC-1986-042-1/1 **Voyager at Uranus - NEWS BRIEFING - 1/24/86**

PANEL: Dick Laeser, Brad Smith, Edward Stone, John
Belcher, Norman Ness

Audience:

Client:

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

01/24/1986 - 0:88:00

- AVC-1986-043-1/1 **Voyager at Uranus - Blue Room Update**
4:00pm - Bill McLaughlin
Audience: News
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/1986 - 0:10:00
- AVC-1986-044-1/1 **Voyager at Uranus - Blue Room Update**
8:00am - Donna Piviroto, 9:00am - Rudy Hanel; 12:00pm -
Mario Acuna - no time code on 12:00 pm
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/24/1986 - 0:02:00
- AVC-1986-045-1/1 **Voyager at Uranus - NASA SCIENCE REPORT - 1/24/86**
Live updates
Audience: News
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/1986 - 1:00:00 Producer: Televane Productions
- AVC-1986-046-1/1 **Voyager at Uranus - Blue Room Update**
1:00pm - Darrell Strober, 2:00pm - Hal Masursky; 3:00pm -
Laurence Soderblom; Recorded Closest Approach at 12:45pm
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/24/1986 - 0:55:00
- AVC-1986-048-1/2 **Voyager at Uranus - NEWS BRIEFING - 1/25/86**
Part 1 of 2 - PANEL: Richard Laeser, Brad Smith, Rudolf
Hanel, Norman Ness, Edward Stone, Lyle Broadfoot, Laurence
Soderblom
Audience: News
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/25/1986 - 1:00:00
- AVC-1986-048-2/2 **Voyager at Uranus - NEWS BRIEFING - 1/25/86**

Part 2 of 2
Audience: News
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/25/1986 - 0:28:00

AVC-1986-049-1/1 **Voyager at Uranus - Blue Room Update**
8:00am - D. Pivrotto, 9:20 & 9:40am - J. Cuzzi, 8:30 &
9:00am - R. Terrile, 12:10pm - R. Strom
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/25/1986 - 0:06:00

AVC-1986-050-1/1 **Voyager at Uranus - Blue Room Update**
12:40 & 1:00pm - Hal Masursky, 1:20 & 1:40pm - Bob Strom,
2:00 - Gary Hunt
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/25/1986 - 0:56:40

AVC-1986-051-1/1 **Voyager at Uranus - Blue Room Update**
2:20pm - Gary Hunt, 2:40, 3:00 & 3:20pm - Laurence
Soderblom; 5:40pm - Bob Brown
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/25/1986 - 0:54:00

AVC-1986-052-1/1 **Voyager at Uranus - NEWS BRIEFING - (Special) 1/26/86**
Lew Allen, Burton Edelson
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/26/1986 - 0:30:00

AVC-1986-053-1/4 **Voyager at Uranus - NEWS BRIEFING - 1/26/86**
Part 1 of 4 - PANEL: Richard Laeser, Brad Smith, Laurence
Soderblom, Bill Sander, Sim Krimigis, David Chenette, Arthur
Lane, Fred Scarf, Edward Stone

Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/26/1986 - 0:95:00

AVC-1986-053-2/4 **Voyager at Uranus - NEWS BRIEFING - 1/26/86**

Part 2 of 4
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/26/1986 - 0:34:00

AVC-1986-053-3/4 **Voyager at Uranus - NEWS BRIEFING - 1/26/86**

Part 3 of 4
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/26/1986 - 0:32:19

AVC-1986-053-4/4 **Voyager at Uranus - NEWS BRIEFING - 1/26/86**

Part 4 of 4
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/26/1986 - 0:07:18

AVC-1986-054-1/1 **Voyager at Uranus - NASA SCIENCE REPORT - 1/26/86**

Televane Production
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/26/1986 - 1:00:00

AVC-1986-055-1/2 **Voyager at Uranus - Blue Room Update**

Part 1 of 2 - 4:00pm - Bob Brown, 5:00pm - Andy Ingersoll,
4:20 & 4:40pm - R. Terrile, 5:20pm - Toby Owen, 5:40pm -
Andre Brahic
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix

01/25/1986 - 0:80:00

AVC-1986-055-2/2 **Voyager at Uranus - Blue Room Update**
Part 2 of 2 - 7:00pm - David Morrison, 6:00pm - Reta Beebe,
8:00pm - No Guest
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/25/1986 - 0:21:50

AVC-1986-056-1/2 **Voyager at Uranus - NEWS BRIEFING - 1/27/86**
Part 1 of 2 - PANEL: James Warwick, Lyle Broadfoot, Barney
Conrath, Len Tyler, Andy Ingersol, Laurence Soderblom,
Edward Stone
Audience:
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
01/27/1986 - 0:00:00

AVC-1986-056-1/1 **Voyager at Uranus - NASA SCIENCE REPORT - 1/28/86**
"Summary" - Televane Production - live to NASA Select TV
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/28/1986 - 1:00:00

AVC-1986-056-2/2 **Voyager at Uranus - NEWS BRIEFING - 1/27/86**
Part 2 of 2
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/27/1986 - 0:40:30

AVC-1986-057-1/1 **Voyager at Uranus - Blue Room Update**
8:00 a.m. No guest, 9:40 a.m. No guest, 1:00 p.m. David
Chenette, 2:00 p.m. Jeff Cuzzi 3:00 p.m. Hal Masursky, 3:35
p.m. Carolyn Porco (No audio: First 7 seconds into blue
room)
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix

01/26/1986 - 0:54:00

AVC-1986-058-1/1 **Voyager at Uranus - NASA SCIENCE REPORT - 1/27/86**

Televane Production - live to NASA Select TV

Audience:

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

01/27/1986 - 1:00:00

AVC-1986-059-1/1 **Voyager at Uranus - NASA SCIENCE REPORT - 1/27/86**

Televane Production - live to NASA Select TV

Audience: News

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

01/27/1986 - 1:00:00

AVC-1986-060-1/1 **Voyager at Uranus - Blue Room Update**

3:35 p.m. - Carolyn Porco, 4:00 p.m. - Ray Morris

Audience:

Client:

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

01/26/1986 - 0:14:50

AVC-1986-061-1/1 **Voyager at Uranus - Blue Room Update**

8:00 a.m. & 9:00 - No guest, 12:10 p.m. - Hal Masursky, 1:00 p.m. - Don Sweetnam

Audience:

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

01/27/1986 - 0:49:20

AVC-1986-062-1/1 **Voyager at Uranus - Blue Room Update**

2:00 p.m. - Gary Hunt, 3:00 p.m. - David Morrison, 4:00 p.m. - Dave Smith

Audience:

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

01/27/1986 - 0:34:50

AVC-1986-063-1/1 **Voyager at Uranus - Blue Room Update**

8:00 a.m. No guest; "SPECIAL" - SPACE SHUTTLE TRAGEDY

(without explosion)
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
/ / - 0:00:00

AVC-1986-063-1/1 **Voyager at Uranus - Blue Room Update**
8:00 a.m. - No guest
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
01/28/1986 - 0:07:00

AVC-1986-064-1/3 **STS-51L Launch Tragedy (Challenger)**
Recorded live NASA feed (very few words said)
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
01/28/1986 - 0:11:05

AVC-1986-064-2/3 **STS-51L (Challenger) Views of Explosion from Kennedy Space Center**
Shuttle exploded shortly after liftoff.
Crew: Francis R. Scobee, Michael J. Smith, Judith A. Resnik,
Ellison S. Onizuka, Ronald E. McNair, Gregory Jarvis, S.
Christa McAuliffe (teacher).
Payload: TDRS-B/IUS, SPARTAN-203/Halley,
Part 1 of 2
Audience: NASA Resource Site: KSC
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
01/28/1986 - 1:00:00 Producer: KSC

AVC-1986-064-3/3 **STS-51L (Challenger) Views of Explosion from Kennedy Space Center**
Part 2 of 2
Audience: Site: KSC
Client:
Master: 1" IVC
Audio 1: Mono mix 2: Mono mix
01/28/1986 - 0:36:00 Producer: KSC

AVC-1986-065-1/2 **Voyager at Uranus - NEWS BRIEFING - Final**
Part 1 of 2 - Address by: Dr. Lew Allen; Panel: Len Tyler,

Arthur Lane, Charles Hord, Fran Bagenol, Larry Esposito, James Trainor, Jeff Cuzzi, Larry Soderblom. NOTE: Final briefing with credits rolled at end.

Audience:

Client:

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

01/29/1986 - 0:96:00

AVC-1986-065-2/2 **Voyager at Uranus - NEWS BRIEFING - Final**

Part 2 of 2

Audience:

Client:

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

01/29/1986 - 0:52:44

AVC-1986-066-1/1 **Space Shuttle Tragedy News Conference**

Kennedy Space Center - Hugh Harris and Jess Moore

Audience:

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

01/28/1986 - 0:27:00

AVC-1986-067-1/1 **Vice Presidential News Conference Space Shuttle Tragedy**

Kennedy Space Center - George Buck, Sen. John Glenn, Sen. Jake Garn and Vice President Bush.

Audience: News

Client:

Master: 3/4" U Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

01/28/1986 - 0:06:40

AVC-1986-068-1/1 **President Reagan's Address to the Nation about the Space Shuttle Tragedy**

Off air

Audience:

Client:

Master: 3/4" U

Audio 1: Mono mix 2: Mono mix

01/28/1986 - 0:04:00

AVC-1986-069-1/1 **Space Shuttle Tragedy wrap-up News Conference**

Kennedy Space Center - 24 hours after incident - Mission 51L Panel Setting Q & A.

Audience: NASA News
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/29/1986 - 0:52:56

AVC-1986-071-1/2 **Memorial Service for the Challenger Space Shuttle Crew**
From Johnson Space Center. Part 1 of 2
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/13/1986 - 1:02:38

AVC-1986-071-2/2 **Memorial Service for the Challenger Space Shuttle Crew**
From Johnson Space Center. Part 2 of 2
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/13/1986 - 0:06:27

AVC-1986-072-1/1 **Voyager Uranus Release Video**
1. VOYAGER AT URANUS - VU-3: 8:40 min. Narrated by Vic Perrin.
Audience: Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
/ / - 0:08:01

AVC-1986-073-1/1 **Voyager II Encounters Uranus- VU-4**
Release video
Audience: Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
01/31/1986 - 0:05:30

AVC-1986-074-1/1 **Uranus Moons**
Voyager 2 release video
Audience: Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
01/21/1986 - 0:01:15

- AVC-1986-075-1/1 **Voyager II Encounters Uranus - VU-4 (with freeze frames)**
Release video
Audience: Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
01/31/1986 - 0:10:40
- AVC-1986-076-1/1 **Voyager II Encounters Uranus - VU-4 and Uranian Moons**
Release video
Audience: Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
01/31/1986 - 0:07:33
- AVC-1986-077-1/1 **VOYAGER II Logo for the Uranus Encounter**
NOTE: Good logo's at 10:00 min. and 14:00 min With music
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/31/1986 - 0:16:34
- AVC-1986-078-1/3 **Uranus Computer Graphics Slides**
Part 1 of 3 - Jim Blinn Volume #1-20 slides
Audience: Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/31/1986 - 0:29:16
- AVC-1986-078-2/3 **Uranus Computer Graphics Slides**
Part 2 of 3 - Jim Blinn Volume #2-19 slides
Audience: Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
01/31/1986 - 0:27:40
- AVC-1986-078-3/3 **Uranus Computer Graphics Slides**
Part 3 of 3 - Jim Blinn Volume #3 Slides from Blue Room of
Uranus and Rings
Audience: Resource
Client:

Master: 3/4" U
Audio 1: Silent 2: Mono mix
01/31/1986 - 0:29:45

AVC-1986-079-1/1 **Voyager at Uranus (VU-3) (With Narration)**
Release video Animation Rendition; Audio is very faint.
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/02/1986 - 0:08:47

AVC-1986-081-1/1 **Voyager UTC M 3 Clock**
Voyager/Uranus Encounter, The Countdown
Audience: Tech.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
01/06/1986 - 0:20:00

AVC-1986-082-1/1 **Message from William R. Graham to All NASA Employees**
Regarding Space Shuttle Tragedy
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/07/1986 - 0:04:05

AVC-1986-111-1/1 **HALLEY'S COMET**
VTV-18 Public Information Office
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
03/06/1986 - 0:06:30

AVC-1986-113-1/1 **Uranus and Moons -- Raw Buildups**
Silent - Marian Inova
Audience: Tech.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
03/06/1986 - 1:02:32

AVC-1986-114-1/1 **Goldstone Antennas**
DSS 14 and DSS 15. NOTE: Film to tape transfer

Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
03/06/1908 - 0:21:31

AVC-1986-114-1/1 **Goldstone Antennas**
DSS 14 and DSS 15. NOTE: Film to tape transfer
Audience:
Client:
Master: 3/4" U Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
03/06/1908 - 0:00:00

AVC-1986-114-2/1 **Goldstone Antennas**
DSS 14 and DSS 15. NOTE: Film to tape transfer
Audience:
Client:
Master: 3/4" U Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
03/06/1908 - 0:00:00

AVC-1986-126-1/1 **Comet Rendezvous**
New Version
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/04/1986 - 0:08:00

AVC-1986-131-1/1 **VOYAGER II AT URANUS**
Final Press Conference from the Baltimore Convention Center
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
05/19/1986 - 0:90:00

AVC-1986-133-1/1 **The Unveiling of Venus**
Film Transfer, VOIR: Time Code Visible on Tape Transfer.
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/09/1986 - 0:16:04

- AVC-1986-136-1/1 **VOYAGER II AT URANUS: An Overview by Ed Stone**
 VTV-6
 Voyager II at Uranus: An Overview by Ed Stone.
 Audience: Gen. Site: 186-Studio
 Client:
 Master: 1"C Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 03/17/1986 - 0:45:00
- AVC-1986-137-1/1 **Halley's Comet Encounter and Giotto's Images of Halley**
 European Space Agency live coverage of Spacecraft Giotto's
 encounter with Halley's Comet. Coverage came by satellite to
 Goddard TV which then uplinked the signal to NASA TV.
 Note: First 2:51 minutes are audio only, no video
 Audience:
 Client:
 Master: 1"C Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 03/13/1986 - 0:55:00
- AVC-1986-138-1/1 **Telerobotic Demonstrator**
 Wayne Zimmerman. Ch. 1, Effects - Ch. 2, Narration
 Audience:
 Client:
 Master: 3/4" Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 05/01/1986 - 0:12:30
- AVC-1986-138-1/1 **Time code simulated 1987 satellite servicing sequence**
 No audio
 Audience:
 Client:
 Master: 1" IVC
 Audio 1: Mono mix 2: Mono mix
 05/01/1986 - 0:07:00
- AVC-1986-141-1/1 **Pioneering the Space Frontier**
 An Exciting Vision of Our Next Fifty Years In Space. Video
 Highlights of the Report of The National Commission on
 Space - 1986
 Audience: Gen. NASA
 Client:
 Master: 3/4" U Submaster: DVCPPro25
 Audio 1: Mono mix 2: Mono mix
 06/13/1986 - 0:33:00
- AVC-1986-147-1/1 **Director's Management Address**

Dr. Lew Allen
Audience:
Client:
Master: 3/4" U
Audio 1: Mono mix 2: Mono mix
06/25/1986 - 0:45:00

AVC-1986-150-1/1 **Dr. Lew Allen Interview**
Dr. Eldred Tubbs Take 3 - 6:30 min. For Jim Kukowski NASA Headquarters; Discussing the Shuttle and Spacestation Docking and Measurements of Usage.
Audience: NASA Site: NASA HQ
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/08/1986 - 0:17:10

AVC-1986-151-1/1 **Panorama Shots of JPL with Jim Kukowski**
1" Master only NOTE: Transferred from 3/4" tape
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
07/08/1986 - 0:18:30

AVC-1986-153-1/1 **MARS: THE NEXT STEP**
Narrated by Jim French: Human Expedition to Mars
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Narration 2: Music
07/16/1986 - 0:06:47

AVC-1986-155-1/1 **Uranus Encounter - BBC "HORIZON"**
Air Checked
Audience: Tech.
Client: Frank Bristow
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/01/1986 - 0:49:29

AVC-1986-156-1/1 **Challenger Accident Report**
Recorded off of NASA SELECT TV in Washington.
Speaker: President Ragan and Guest; Shuttle Commission Press Conference, Old Executive Office.
Also comments on the Challenger Accident Report.

Dated: June 9, 1986; 2:00pm
Audience: News Site: White House
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/09/1986 - 0:14:15

AVC-1986-157-1/1 **NASA Administrator John C. Fletcher Press Conference**
NASA SELECT TV; June 9, 1986.
Audience: News Site: NASA HQ
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/09/1986 - 0:52:35

AVC-1986-158-1/1 **NASA UPDATE - Vol. 1, No. 5**
Jim Kukowski: Interview about Methane dispersed into the
Ozone and it's effects; Guest Speaker: Dr James Baker,
Oceanographer.
Audience: News Site: NASA HQ
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/27/1908 - 0:24:35

AVC-1986-159-1/1 **NASA UPDATE - Vol. 1, No. 6**
Jim Kukowski
Audience:
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/15/1908 - 0:27:00

AVC-1986-164-1/1 **M JPL Hypersonic Wind Tunnel**
Air Dryer Facility; Air Heating Facility; Wind Tunnel Test
Station; Diffuser System-Water Cooling Tower Control
Console.
Audience: JPL Site: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
07/01/1985 - 0:08:40

AVC-1986-165-1/1 **Uranus Magnetosphere**
Computer Graphics ab/JPL
Audience:

Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/11/1986 - 0:14:00

AVC-1986-166-1/1 **Mars Rover**
Brian Wilcox - Ch. 1, FX - Ch. 2, Narration Al Hibbs;
Early Vehicle Operation
Audience: JPL
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/01/1986 - 0:04:26

AVC-1986-167-1/1 **The Antarctic Ozone Hole as Seen by TOMS**
Mark Shoeberl, Arlin Kureger and Rich Stolarski
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/01/1986 - 0:08:28

AVC-1986-173-1/1 **AXAF - The Advanced X-Ray Astrophysics Facility**
NARRATED; Animation Format
Audience: Edu.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/18/1986 - 0:21:29 Producer: LMLC

AVC-1986-174-1/1 **A Comet Called Halley**
Terence Murtagh, Armagh Planetarium, N. Ireland; Narrator.
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/17/1908 - 0:30:52 Producer: York Films

AVC-1986-175-1/2 **MARS CONFERENCE - Panel Discussion**
art 1 of 2 - Carl Sagan, Dr. Bruce Murray, Harvey
Meierson, Dr. Bonet, Dr. Longston
Audience: Edu.
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
07/22/1986 - 1:02:45

- AVC-1986-175-2/2 **MARS CONFERENCE - Panel Discussion**
 Part 2 of 2 - Carl Sagan, Dr. Bruce Murray, Harvey Meierson, Dr. Bonet, Dr. Longston, Dr. Sullivan
 Audience: Edu.
 Client:
 Master: 3/4" U Submaster: DVCPro25
 Audio 1: Silent 2: Mono mix
 07/22/1986 - 1:02:36
- AVC-1986-176-1/1 **NASA Briefing**
 Dr. James Fletcher; NASA Administrator
 12:30pm Washington DC; NASA Select TV,
 Speaker: Sherry Green, NASA Press Conference Director;
 August 18, 1986.
 Audience: NASA
 Client:
 Master: 3/4" U Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/18/1986 - 0:53:05
- AVC-1986-178-1/1 **Aeronautics and Space Report**
 Restoring Miss Liberty - 4:20 min.; Research Aircraft X-29,
 GSFC - 2:35 min.; Planet Research - 3:15; Laser Artery
 Repair (JPL) - 4:00 min.
 Audience: NASA
 Client:
 Master: 3/4" U Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/28/1908 - 0:15:56
- AVC-1986-180-1/1 **Surveyor Program: Surveyor Project Report #20**
 Including final summary of the Lunar lander. 1968
 Audience: Gen. Resource
 Client:
 Master: 3/4" U Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 09/02/1986 - 0:27:00
- AVC-1986-181-1/1 **NEXT...THE MEN (Surveyor Moon Lander)**
 The story of Surveyor I Moon lander, with emphasis on the
 spacecraft's fabrication and testing
 Audience: Gen. Resource Site:
 Client:
 Master: 3/4" U Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix JPL 750

09/02/1986 - 0:17:00 Producer: Hugh Aircraft

AVC-1986-182-1/1 **ONE, ONE, ZERO, ZERO**
Surveyor SC-1 Mission - 1968
Audience: Gen. Resource
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/02/1986 - 0:27:00 Producer: General Dynamics

AVC-1986-183-1/1 **NASA...THE 25TH YEAR**
VTV-208
From Explorer 1 to the space shuttle, this program
chronicles the numerous challenges and accomplishments which
have marked a quarter century of space exploration.
Audience: Gen. Resource
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix ASR 223
06/01/1983 - 0:50:00 Producer: NASA HQ

AVC-1986-184-1/1 **Computer Graphics Demo Tape**
1" Master only 1984, 1985, 1986, and 1987 - Jim Blinn
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/08/1986 - 0:22:00

AVC-1986-187-1/1 **The JPL Story 1970**
Film-to-tape transfer
Audience:
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
09/15/1986 - 0:26:16

AVC-1986-188-1/1 **NASA Press Briefing - Space Station Review**
Space Station Review; Associate Administrator, Andrew J.
Stofan
Audience: NASA Site: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/12/1986 - 0:34:42

AVC-1986-191-1/2 **ATLAS 52E LAUNCH - NOAA SATELLITE**

Vandenberg Air Force Base. NOTE: Also, various camera angles
September 17, 1986 - Broadcast
Audience: NASA
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Silent
09/17/1986 - 0:58:06

AVC-1986-192-1/1 **Dr. Richard Feynman Press Teleconference on the Rogers Commission (Ch)**
CIT - Jurrie van Woude
Dr. Feynman; Discussed possible danger of flying Plutonium on Galileo and Ulysses Missions.
Audience: NASA News
Client: Jurrie van der Woude
Master: 3/4" U Submaster: DVCPro25
Audio 1: Silent 2: Mono mix
06/10/1986 - 1:00:00

AVC-1986-201-1/1 **Aeronautics and Space Report**
Teacher in Space - 4:50; Air Flow Research - 3:05; Human Factors Studies - 2:55; Comet Halley Returns - 3:05; Voyager/Uranus Flyby; - 1986
Audience: NASA News
Client:
Master: 3/4" U Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/30/1986 - 0:16:00

AVC-1987-005-1/1 **SEASAT Scatterometer Marine Winds**
"Wind Speed with Vectors" - 11:49 min.
"Zonal and Meridional" - 3:43 min.
"Vorticity and Divergence" - 8:15 min.
By Peter Woiceshun
Audience: JPL
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
10/01/1986 - 0:22:47

AVC-1987-006-1/1 **JPL Historical Footage**
Public Information Office
Silent
Audience: JPL
Client: PIO

Master: 3/4" Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
10/08/1986 - 0:07:30

AVC-1987-010-1/1 **NOVA: The Planet that Got Knocked On Its Side**

F.J. Colella
Audience: Gen.
Client:
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
10/21/1986 - 0:56:00

AVC-1987-012-1/1 **"I Will See Such Things" - (Voyager at Uranus)**

VTV-7

The story of Voyager 2's flyby of the planet Uranus in January 1986 as told by Dr. Al Hibbs. Interviews with Dr. Ed Stone, Dr. Larry Soderblom Dr. Richard Terrile. They discuss, with animations and actual images, Voyager's scientific discoveries about Uranus and it's moons. Includes historical background on the planet from its discovery by William Herschel in 1781 and an overview of the Voyager spacecraft and its encounters with Jupiter and Saturn.
Audience: Gen. JPL
Client: PIO, Org. PIO
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix JPL 1121
Film transfer from JPL 1121
10/22/1986 - 0:28:34 Producer: Frank Bristow

AVC-1987-014-1/1 **Arroyo Seco Ceremony**

50th Anniversary Celebration of First Rocket Firing
Audience: JPL
Client: Mary Lassiter
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
10/31/1986 - 0:14:00

AVC-1987-026-1/1 **L.A. The Movie**

VTV-14

Image processing simulated flight over the Los Angeles area using a Landsat image.
(Narrated version)
Audience: Gen.
Client: Kevin Hussey
Master: 1"C Submaster: 1"C
Audio 1: Mix 2: Mix
04/01/1987 - 0:03:27

- AVC-1987-029-1/1 **The Voyager Discoveries: Jupiter, Saturn, Uranus and on to Neptune**
 VTV-20 Multimedia slide show transferred to tape. Narration
 and music.
 Audience: JPL NASA
 Client:
 Master: 1"C Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 12/01/1986 - 0:15:00
- AVC-1987-033-1/1 **JPL Aerial Shots**
 Audience: JPL Resource
 Client:
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 01/12/1987 - 0:02:00
- AVC-1987-035-1/1 **Voyager at the Smithsonian**
 Stock Footage - Silent
 Audience: Resource
 Client: Jack Dawson
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 01/15/1987 - 0:33:00
- AVC-1987-036-1/1 **Space Telescope Animation**
 Audience: Resource
 Client:
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 01/15/1987 - 0:06:30 Producer: Perkin-Elmer
- AVC-1987-039-1/1 **Groundbreaking Ceremony for the Microdevices Laboratory**
 Speakers: Dr. Lew Allen; Dr. Marvin Goldberger
 Dr. Burton Edelson; Gen. Billie McGarvey
 Moderator: Dr. Terry Cole
 Audience: JPL
 Client:
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 01/21/1987 - 0:23:25
- AVC-1987-040-1/1 **Aerial Footage of Goldstone - MOS**
 Audience: NASA Resource
 Client:
 Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix
02/03/1987 - 0:27:36

AVC-1987-047-1/1 **Voyager Spacecraft Used for Magellan Project Tests**

Audience:

Client: Jim Doyle

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

02/11/1987 - 0:02:14

AVC-1987-062-1/1 **Magellan Assembly - SSB High Bay 1986**

Audience: JPL Resource

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

01/18/1987 - 0:07:00

AVC-1987-076-1/1 **CRAF Trajectory, Comet Tempel 2 Orbit, and Solar System**

Doug Stetson

Audience: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

04/16/1987 - 0:05:00

AVC-1987-078-1/1 **IRAS - Infrared Astronomical Satellite**

Zaqueline Souras

Audience:

Client:

Master: 1"C

Audio 1: 2:

05/07/1987 - 0:08:00

AVC-1987-080-1/1 **SETI Trailer and Shuttle Dish**

EDITED VERSION OF RAW FOOTAGE, SHOT AT
GOLDSTONE, OF THE SETI TRAILER AND SHUTTLE DISH

Audience: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

01/01/1987 - 0:30:00 Producer: Borst

AVC-1987-081-1/1 **Raw Footage of SETI Trailer and Shuttle Dish**

Audience: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

01/01/1987 - 0:32:00

AVC-1987-082-1/1 **IRAS News Release**

Audience: JPL News

Client: PIO

Master: 1"C

Audio 1: Mono mix 2: Mono mix

01/01/1987 - 0:08:00

- AVC-1987-083-1/1 **Space Flight Operations Facility**
 John Tullius
 Audience: JPL
 Client:
 Master: 1"C Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 06/01/1987 - 0:06:30
- AVC-1987-087-1/1 **Microwave Limb Sounder**
 Tom Frascchetti
 Audience:
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 06/05/1987 - 0:03:00
- AVC-1987-088-1/1 **Space Imaging Radar Program at JPL**
 Diane Evans
 Audience: JPL
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 06/05/1987 - 0:05:00
- AVC-1987-089-1/1 **Comet Rendezvous Asteroid Flyby: A Mariner Mark II Mission**
 Jim Wilson
 Audience:
 Client:
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 06/10/1987 - 0:09:00
- AVC-1987-093-1/1 **No tape (use 1987-097)**
 Audience:
 Client:
 Master:
 Audio 1: Mono mix 2: Mono mix
 / / - 0:00:00
- AVC-1987-094-1/1 **Winds of Jupiter**
 Black & White
 Audience: JPL
 Client:
 Master: 3/4" Submaster: DVCPRO25
 Audio 1: Silent 2: Silent

06/01/1987 - 0:07:30

AVC-1987-096-1/1 **Space Shuttle Challenger Accident Investigation**
VTV-26 51-L documentation tape by the Rogers Commission.
A Technical Documentary.
Audience: Tech.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
07/02/1987 - 0:31:00

AVC-1987-097-1/1 **X-MINUS 80 DAYS 5/26/58**
The story of the 80 days leading up to the launch of
Explorer 1, the joint Army-JPL project following the Sputnik
launch. (film-to-tape transfer) Early footage of JPL, Dr.
William Pickering and Dr. Albert Hibbs.
Audience: Gen. JPL
Client: PIO
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/30/1987 - 0:20:52

AVC-1987-098-1/1 **Mars Balloon Test**
(Recorded on January 22, 1987 at Dryden
Research Center)
Audience: NASA
Client: Jim Burke
Master: 1"C
Audio 1: Mono mix 2: Mono mix
06/01/1987 - 0:06:50

AVC-1987-100-1/1 **Miranda: A Dynamic View**
JPL Computer Graphics Lab
Audience: JPL
Client:
Master: 1"C Submaster: DVD
Audio 1: Mono mix 2: Mono mix
07/16/1987 - 0:07:00

AVC-1987-105-1/1 **Miranda Rotation Press Release**
Silent
Audience:
Client: PIO
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/07/1987 - 0:02:30

- AVC-1987-108-1/1 **Project Galileo: "A Jovian Odyssey"**
Audience: Gen. Resource
Client: Maynard Hine
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/04/1987 - 0:04:00
- AVC-1987-109-1/1 **Lunar Bridgehead (Ranger 7)**
Documentary film (11/25/64) of the first successful Moon photography mission, Ranger 7, impacting the Moon July 31, 1964. Scenes include July 28 launch from Cape Canaveral on an Atlas/Agena; Jet Propulsion Laboratory (JPL) Space Flight Operations, von Karman Auditorium, mission control; Deep Space Network (DSN) Madrid, Goldstone. Appearances by H. (Bud) Schurmeir, Dr. William Pickering, Dr. Gerard P. Kuiper, and President Lyndon B. Johnson. Includes photos of the moon down to 18 inch resolution.
Audience: Gen. Resource
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JPL 571A
08/31/1987 - 0:28:30 Producer: Irl Newlan - Photo
- AVC-1987-117-1/1 **"Project Galileo"**
Press Release
Audience: NASA News
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/23/1987 - 0:04:00
- AVC-1987-119-1/1 **Probing The Clouds Of Venus**
Audience: NASA
Client: NASA/AMES
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/22/1987 - 0:22:00
- AVC-1987-120-1/1 **SFOF and IPL Stock Footage from Magellan Film**
Audience: NASA
Client: Neal Nickle
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/15/1987 - 0:29:00

AVC-1987-121-1/1 **Magellan Animation**
 Film to tape transfer
 Audience: JPL
 Client: Neal Nickle
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 09/22/1987 - 0:06:00

AVC-1988-009-1/1 **Miranda the Movie**
 VTV-8
 Made from a mosaic of 9 frames taken by
 Voyager of the Uranian moon Miranda. General
 Audience
 Audience: Gen.
 Client: Kevin Hussey, Sec. 384
 Master: 1"C Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 11/13/1987 - 0:02:00

AVC-1988-010-1/1 **Miranda the Movie**
 VTV-8
 Scientific Audience
 Audience: Tech. JPL Site: Kevin Hussey, S
 Client:
 Master: 1"C Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 11/13/1987 - 0:03:50

AVC-1988-011-1/1 **Miranda the Movie**
 Recorded 2 times - Raw Footage - Silent
 Audience: JPL
 Client:
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 11/13/1987 - 0:02:00

AVC-1988-013-1/1 **Antennas in Spain**
 Raw Footage Film-to-tape transfer
 Audience:
 Client: J. Dawson
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 10/30/1987 - 0:42:00

AVC-1988-014-1/1 **Beyond the Clouds**
 NASA Goddard Research Center/ UARS Project
 Film-to-tape Transfer
 Audience: NASA

Client: NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
10/30/1987 - 0:11:35

AVC-1988-015-1/1 **Supernova**
Audience:
Client: J. Goldsmith
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/20/1987 - 0:05:15

AVC-1988-016-1/1 **Halley Rendezvous Animation**
Silent
Audience:
Client: Jim Blinn
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
11/07/1987 - 0:21:30

AVC-1988-024-1/1 **Supernova Animation**
Supernova Plates, Global
Network; Supernova Expansion
By: Jeff Goldsmith, Computer Graphics Lab,
Audience: JPL
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/20/1987 - 0:04:00

AVC-1988-025-1/1 **Star Field**
By: Jeff Goldsmith, Computer Graphic Lab
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/20/1987 - 1:00:00

AVC-1988-029-1/3 **Dr. Pickering Interview**
Interviewer: Dr. Albert Hibbs
This interview was taped for The California
Museum Of Science And Industry Archives.
Audience: NASA Resource
Client: Dr. Shirley Thomas
Master: 1"C
Audio 1: Mono mix 2: Mono mix

10/26/1988 - 0:53:00

AVC-1988-029-2/3 **Dr. Pickering Interview**
Interviewer: Dr. Albert Hibbs
This interview was taped for The California
Museum Of Science And Industry Archives.
Audience: NASA Resource
Client: Dr. Shirley Thomas
Master: 1"C
Audio 1: Mono mix 2: Mono mix
10/26/1987 - 0:45:00

AVC-1988-029-3/3 **Dr. Pickering Interview**
Interviewer: Dr. Albert Hibbs
This interview was taped for The California
Museum Of Science And Industry Archives.
Audience: JPL NASA Resource
Client: Dr. Shirley Thomas
Master: 1"C
Audio 1: Mono mix 2: Mono mix
10/26/1987 - 0:41:00

AVC-1988-037-1/1 **Goldstone 70 Meter Construction**
GOLDSTONE 70 METER CONSTRUCTION
Audience: NASA
Client: Lynda McKinley
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
02/09/1988 - 0:05:17

AVC-1988-041-1/1 **Voyager Mission Highlights**
A video show of selected segments taken from
the Voyager Encounters.
Silent
Audience:
Client: Dr. Lew Allen
Master: 1"C
Audio 1: Mono mix 2: Mono mix
02/26/1988 - 0:05:00

AVC-1988-046-1/1 **NASA Telerobotic Research Demonstration**
Audience: Gen. NASA Site: BRIAN WILCOX
Client: NASA
Master: 3/4" Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
03/02/1988 - 0:05:30

AVC-1988-053-1/1 **Galileo Animations**
Audience: Resource
Client: D. Blakey & B. Asher
Master: 1"C
Audio 1: Mono mix 2: Mono mix
03/24/1988 - 0:04:00

AVC-1988-057-1/1 **Magellan: Exploring Venus**
A film produced for JPL
Audience:
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
03/30/1988 - 0:28:34 Producer: outside producer

AVC-1988-063-1/1 **Space Flight Operations Facility**
John Tullius 1988 Version
Audience: NASA
Client: NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/23/1988 - 0:06:25

AVC-1988-071-1/1 **Supernova II**
JPL Computer Graphics Lab
Audience: JPL
Client:
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
05/20/1988 - 0:10:00

AVC-1988-072-1/1 **Simulation 87 - 1988 Version**
Jim Lathrop
Audience: JPL
Client:
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/01/1988 - 0:05:00

AVC-1988-073-1/2 **Supernova Science Briefing**
VTV-34
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix

06/02/1988 - 1:00:00

AVC-1988-073-2/2 **Supernova Science Briefing**

Audience:

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

06/02/1988 - 0:30:00

AVC-1988-080-1/1 **Launch of Russian Mars Probe To Phobos**

Audience:

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

07/07/1988 - 0:13:00

AVC-1988-084-1/1 **Semiautonomous Mars Rover Navigation**

An edited production demonstrating a software for navigating semiautonomous rovers.

Audience: Tech. Site: JPL

Client: Andy Mishkin

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

07/16/1988 - 0:07:00 Producer: Inova/Savona

AVC-1988-087-1/1 **Earth the Movie**

VTV-40

Uses cloud data from satellites and topographical data from maps.

Audience: JPL

Client: Kevin Hussey

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

08/16/1988 - 0:06:10

AVC-1988-096-1/1 **JPL Missions Sampler**

Audience: JPL

Client: Mary Beth Murrill

Master: 1"C

Audio 1: Mono mix 2: Mono mix

09/12/1988 - 0:24:00

AVC-1988-097-1/1 **Earth the Movie**

Raw Stock (UNEDITED)

SILENT

Audience: JPL

Client: Kevin Hussey

Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/16/1988 - 0:15:00

AVC-1988-098-1/1 **Digital Image Animation Lab Sampler 1988**
"L.A. the Movie" "Miranda the Movie" "Time Series of 500-MB
Height Fields" "Seasat Wind Speed"
"West Coast Chlorophyll Time Series" "Transparency
Experiment - South America Rotation"
"Earth the Movie"
Audience: JPL
Client: Betsy Asher
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/21/1988 - 0:19:00

AVC-1988-101-1/1 **Magellan: Exploring Venus**
Audience: JPL
Client:
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/29/1989 - 0:16:00

AVC-1988-102-1/1 **The Flight of STS-26 "Return to Space"**
Includes: lift-off, TDRSS deployment and
Landing at Edwards Air Force Base
Audience: NASA
Client: NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/29/1988 - 0:22:30

AVC-1988-103-1/1 **Galileo Press Release**
Audience: JPL
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/21/1988 - 0:19:00

AVC-1988-104-1/1 **Goldstone 70 Meter, DSS 14 Mars Site Antenna**
DSS 15 SMALL ANTENNA
Stock Footage
Audience: JPL Resource
Client: Jack Dawson
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix

09/16/1988 - 0:30:00

AVC-1988-105-1/1 **Space Flight Operations Facility**
Walk-Thru
Audience:
Client: Charles Koscielski
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/30/1988 - 0:07:00

AVC-1988-110-1/1 **Galileo in Space Simulator**
Stock Footage
Audience:
Client: Jack Dawson
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/22/1988 - 0:09:12

AVC-1988-119-1/1 **Mars Radar Observations**
Silent Version
Audience: JPL NASA
Client: Steve Ostro
Master: 1"C
Audio 1: Mono mix 2: Mono mix
10/17/1988 - 0:02:30

AVC-1988-120-1/1 **Mars Radar Observations**
Narrated Version
Audience: JPL NASA
Client: Steve Ostro
Master: 1"C Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/31/1988 - 0:03:30

AVC-1988-134-1/1 **Stock Footage of Engineers & Techniques**
Audience: JPL
Client: Jurrie van der Woude
Master: 1"C
Audio 1: Mono mix 2: Mono mix
12/09/1988 - 0:03:00

AVC-1988-138-1/1 **Magellan Animation**
1988 Version
(See AVC-121-87T1M for 1987 Version)
Raw Stock
Audience: JPL

Client: N. Nickle
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/07/1988 - 0:03:30

AVC-1989-002-1/1 **Visions of Other Worlds**
Audience: NASA
Client: NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
06/07/1984 - 0:28:00

AVC-1989-003-1/1 **CRAF-COMET Rendezvous Asteroid Flyby**
Audience:
Client: T. Barber
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
01/09/1989 - 0:01:00

AVC-1989-012-1/1 **Mars the Movie**
VTV-49
This computer-generated simulation follows a flight path over Mars using actual Viking Orbiter data.
Audience: Gen.
Client: Kevin Hussey, Org. DIAL
Master: 1"-C Submaster: 1"-C
Audio 1: Stereo 2: Stereo
01/30/1989 - 0:05:30

AVC-1989-013-1/1 **Collection of the Movies**
VTV-53
1."L.A. The Movie" 3:00
2."Miranda the Movie" 2:00
3."Earth the Movie" 6:10
4."Mars the Movie" 5:30 5."Monterey the Bay" 4:42
Computer generated, three-dimensional flyovers of still datasets taken from various spacecraft.
Audience: Gen.
Client:
Master: 1"C Submaster: 1"C
Audio 1: Mix 2: Mix
03/28/1991 - 0:21:52

AVC-1989-017-1/1 **Galileo Probe Pre-Shipment Review**
THE MAKING OF THE GALILEO PROBE
GALILEO PROBE "READY TO GO"
Audience:
Client:

Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/01/1989 - 0:59:00

AVC-1989-018-1/1 **Arctic Ozone Briefing**
ARCTIC OZONE EXPEDITION 5:00 Min.
ARCTIC OZONE EXPEDITION"B" Roll Scenes 12:00 Min.
OZONE AS SEEN BY TOMS 50 seconds
Audience:
Client:
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/17/1989 - 1:07:00

AVC-1989-019-1/1 **The JPL Story**
A Tradition of Discovery
Audience: JPL
Client:
Master: BCAMsp Submaster: VHS
Audio 1: Mono mix 2: Mono mix
03/01/1989 - 0:17:17

AVC-1989-020-1/1 **Hubble Space Telescope**
Computer Animation
Audience: JPL
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
03/06/1989 - 0:02:00

AVC-1989-021-1/1 **Magellan Pre-Launch Clip**
F
Audience:
Client: Jim Doyle
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
03/06/1989 - 0:03:40

AVC-1989-022-1/1 **Magellan Preflight Press Briefing**
Johnson Space Center
Audience: Gen. Resource
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
03/15/1989 - 0:57:00

AVC-1989-025-1/1 **Life and the Solar System: The CRAF and Cassini Missions**
VTV-127

The production uses animation and interviews with Dr. Tobias Owen from the State University, New York and Dr. Daniel Gautier from the Paris Observatory, Meudon, France, to describe the proposed missions. Both missions will use the new JPL Mariner Mark II class spacecraft and have landing probes. The CRAF (Comet Rendezvous and Flyby) mission will study comets. The Cassini mission will orbit Saturn and land a probe on Titan. Both are joint missions with NASA and ESA. The missions will fly during the mid 90's.

Audience: Gen. Site: JPL & France
Client: Tom Barber/G. Alexander, Org. 240
Master: 1"C Submaster: 1"C
Audio 1: Mixed 2: Mixed
03/21/1989 - 0:09:00 Producer: M. Inova

AVC-1989-027-1/1 **STS-30 Magellan Press Conference**

Johnson Space Center
John Gerpheide

Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
03/27/1989 - 1:35:00

AVC-1989-028-1/1 **STS-30 Flight Crew Press Conference**

Audience: NASA
Client: NASA
Master: M-II
Audio 1: Mono mix 2: Mono mix
03/27/1989 - 0:34:30

AVC-1989-029-1/1 **Magellan Science Briefing**

Audience: JPL
Client: Steve Saunders
Master: M-II
Audio 1: Mono mix 2: Mono mix
03/27/1989 - 0:32:00

AVC-1989-030-1/1 **VEGA AND PHOBOS**

Soviet Space Missions
Steve Edburg
Footage From The U.S.S.R.
Audience:
Client:

Master: 1"C
Audio 1: Mono mix 2: Mono mix
03/27/1989 - 0:23:00

AVC-1989-036-1/2 **Magellan Press Conference**
Audience:
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/11/1989 - 1:00:00

AVC-1989-036-2/2 **Magellan Press Conference**
Audience:
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/11/1989 - 0:20:00

AVC-1989-042-1/1 **STS-30 Prelaunch Briefings - MAGELLAN**
Taped from KSC
Audience: NASA News Resource Site: KSC
Client:
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/27/1989 - 1:30:00

AVC-1989-045-1/1 **Venus Globe with Magellan's SWATH**
lost from 180-101
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/27/1989 - 0:12:42

AVC-1989-046-1/1 **Magellan/STS-30 Launch and Deployment**
VTV-63
Various shots of STS-30 Launch, JPL's Space Flight
Operations Facility (SFOF), Magellan's Deployment,
and Post-Deployment.
Press Conference with J.H. Gerpheide
Audience: News
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
05/04/1989 - 0:18:25

AVC-1989-048-1/1 **Voyager's Encounter with Neptune**

lost from 180-101
10/18/02
Audience:
Client:
Master:
Audio 1: Mono mix 2: Mono mix
05/11/1989 - 0:04:25

AVC-1989-051-1/1 **Voyager 2 Pre-Encounter Compilation Tape**
Various Highlights of Voyager 2
Includes: LAUNCH
COMPUTER ANIMATION
NEWS BRIEFINGS
ACTUAL IMAGING
BLUE ROOM UPDATE
Audience: Resource
Client: NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
05/16/1989 - 0:41:47

AVC-1989-052-1/1 **Magellan/STS-30 Launch and Deployment**
VTV-65
Various shots of Launch/Deployment Highlights
with SFOF Footage
Audience:
Client:
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/15/1989 - 0:04:17

AVC-1989-055-1/1 **STS-30 Post-Flight Crew Press Briefing**
(Magellan Deployment)
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
05/18/1989 - 0:59:00

AVC-1989-061-1/2 **APOLLO 11 - 20th Anniversary Press Conference**
VTV-66
Audience: NASA
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
05/26/1989 - 0:26:00

- AVC-1989-061-2/2 **APOLLO 11 - 20th Anniversary Press Conference**
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
05/26/1989 - 0:26:00
- AVC-1989-063-1/1 **Galileo Mission to Jupiter for KSC Press Conference**
News release
Audience:
Client: Maynard Hine
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
05/31/1989 - 0:02:40
- AVC-1989-065-1/1 **Voyager II'S Encounter with Uranus/Neptune**
Audience:
Client: Dr. Edward Stone
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/06/1989 - 0:56:00
- AVC-1989-066-1/1 **Voyager II Neptune Raw Images**
6/7/89 - 6/12/89
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
06/07/1989 - 0:56:00
- AVC-1989-067-1/1 **Voyager II Neptune Raw Images**
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
06/19/1989 - 0:36:00
- AVC-1989-068-1/1 **STS-30 Mission Highlights Resource Tape**
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
05/18/1989 - 0:58:30
- AVC-1989-069-1/1 **RTG Safety Tests**
VTV-99 Clips of Safety Testing done on RTGs at Los

Alamos. Includes stills of fuel capsules after testing.

Audience:

Client:

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

06/21/1989 - 0:11:20

AVC-1989-071-1/1 **Voyager II Neptune Raw Images**

SILENT

Audience: NASA

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

06/27/1989 - 1:30:00

AVC-1989-072-1/1 **Voyager Encounter Highlights Resource Tape**

VTV-120

Collection of 19 news release animation segments for Voyager 1 & 2 at Jupiter, Saturn and Uranus. Most are made from Voyager imaging data, except the trajectory animations.

Most are silent.

(OPENING TITLE) :08 00:00:00

1. TRAJECTORIES, VOYAGER 1 & 2 1:10 Silent 00:00:08

Computer animation of the trajectories for both Voyagers 1 and 2, from launch through Neptune. Depicts the trajectory paths from a point of view above the ecliptic plane of the Solar System.

2. JUPITER FROM GANYMEDE - COMPUTER ANIMATION :35

Silent

00:0:21

A time lapse, computer generated view of Jupiter from its satellite Ganymede during one orbit of the satellite. Shows other satellites orbiting Jupiter, Jupiter's rotation, and the stars behind the planet.

3. JUPITER COMPUTER ANIMATION 2:00 Silent 00:01:59

Computer simulation of Voyager 2's encounter with Jupiter and its satellites. Ninety hours are compressed into three-minutes. Starting at encounter -60 hours; Callisto imaging, -40 hours; Great Red Spot, -28 hours; Ganymede, -15 hours; Europa; Jupiter encounter; Io, +2 hours; Jupiter auroral phenomena observation; occultation of Sun and Earth; on to Saturn, +20 hours.

4. JUPITER ROTATION MOVIE :00 Silent 00:03:58

Made from color images taken by Voyager as it approached Jupiter. The resulting time lapse sequence shows the

planet's rotation and its satellites orbiting Jupiter.

5. JUPITER ZOOM MOVIES :20 Silent 00:05:02

Zoom movies made of frames taken by Voyager. The frames selected were centered at the same longitude of Jupiter on each rotation, producing a stroboscopic sequence in which the planet rotation has been "frozen" so that cloud motions are more clearly seen. Several latitudes have been selected. They are repeated several times.

6. JUPITER RED SPOT, VIOLET FILTER 0 Silent 00:05:27

A zoom movie made from 70 images of the Great Red Spot taken April 25 - May 24, 1979, by Voyager 2 through the violet filter. The black and white time lapse picture repeats the sequence three times, condensing the 700-hour period into 5.5 seconds.

7. JUPITER RED SPOT, BLUE FILTER :40 Silent 00:0:12

This zoom movie was taken through the blue filter by Voyager 1. Repeated three times.

8. THE WINDS OF JUPITER 1:00 Silent 00:06:54

A combination of Voyager images formed into a Mercator projection are reproduced in time lapse fashion to show the dynamics of Jupiter's clouds. The whole planet is shown first, then two closer looks are repeated several times.

9. PANS OF SATELLITE STILLS - JUPITER SYSTEM 1:15 Silent 00:08:39

Camera movements on still Voyager images of the satellites Callisto, Ganymede, Europa, Io, and Amalthea.

10. VOYAGER SATURN ENCOUNTER COMPUTER SIMULATION (VS-2-1)

4:40 Sound 00:10:24

A computer simulated tour of the Saturn system from the point of view just behind Voyager 2. Approach; ultraviolet spectrometer scans; roll maneuvers; photopolarimeter observations of the occultation of the star Delta Scorpii by the rings; Earth and Sun occultation; Tethys observations; departure from the planet.

11. VOYAGER 2 SATURN ZOOM MOVIE (VS-2-2) 1:00 Silent 00:15:22

Made from 116 images of Saturn taken through the green filter as Voyager approached the planet. The resulting movie shows Saturn cloud movements as the planet fills the field of view. The black and white sequences are repeated six times.

12. SATURN ROTATION MOVIE (VS-3) 1:25 Silent 00:16:26

The time lapse film was made from 516 color images of Saturn taken by Voyager 1 on September 12-14, 1980. Saturn's high altitude haze obscures features, hiding the planet's

rotation. The satellites Mimas, Enceladus, Tethys, Dione and Rhea are seen orbiting the planet.

13. SATURN SPOKE/RING MOVIE 1:00 Silent 00:17:55
These frames were enhanced to show the motion of features in Saturn's rings. Divisions between the rings are apparent, and nearly-radial, spoke-like features are seen sweeping through part of the B-ring. Shown at several playback speeds.

14. PANS OF SATELLITE STILLs - SATURN SYSTEM 5 Silent 00:19:00

Camera movements on still Voyager images of the satellites Titan, Rhea, Dione, Tethys, Enceladus, Mimas, and Hyperion.

5. URANUS ENCOUNTER ANIMATION :00 Silent 00:21:28
Computer generated animation showing the Uranian system; the occultation of the star, Sigma Sagittari, behind the Uranian rings; Voyager 2 spacecraft, Uranus, its rings, and its satellites, Oberon, Umbriel, Titania, Ariel and Miranda from the point of view just behind the spacecraft; ring crossing; Sun and Earth occultation .

16. URANUS 8 FRAME ORANGE MOVIE :20 Silent 00:25:
A sequence of eight images taken through the orange filter by Voyager 2 over a 6.4-hour period on Jan. 14, 198. Shows latitudinal cloud bands and discrete bright features in the planet's atmosphere.

A computer generated, three-dimensional, simulated flyover created from nine images taken by Voyager 2 of the Uranian moon Miranda.

18. PANS OF SATELLITE STILLs - URANUS SYSTEM :5 Silent 00:27:23

Camera movements on still Voyager images of the satellites Oberon, Titania, Umbriel, Ariel, and Miranda.

19. VOYAGER ENCOUNTERS NEPTUNE (VU-4) 1:00 Silent 00:29:12

A quick look, computer animation, made during the Uranus encounter of the Voyager Neptune encounter in August, 1989.
(END) 00:30:18

Audience: Gen. Tech. Resource

Client: Voyager Project/PIO, Org. 1810

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

none

06/28/1989 - 0:30:18

AVC-1989-073-1/1 **Voyager II Neptune Raw Images**

Audience: JPL NASA

Client:

Master: 1"C
Audio 1: Mono mix 2: Mono mix
07/05/1989 - 1:17:00

AVC-1989-074-1/1 **Voyager II Neptune Raw Images**
SILENT
Audience: JPL NASA
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
07/11/1989 - 0:25:00

AVC-1989-075-1/1 **Satellites of Jupiter, Saturn, and Uranus**
One still and two pans of each satellite from
the three planets.
SILENT
Audience: NASA
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
07/11/1989 - 0:11:02

AVC-1989-077-1/1 **From Space to the MOHO**
Image processing of the desert mountain
ranges of S.W. Arizona and S.E. California.
Audience: JPL
Client: Dr. Ron Blom
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/07/1989 - 0:05:27 Producer: LAWSON/SAVONA

AVC-1989-078-1/1 **The DSN Story**
VTV-676 Produced by the JPL photo lab. Film to tape
transfer.
Audience:
Client:
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/10/1989 - 0:21:11 Producer: JPL Photo Lab

AVC-1989-079-1/1 **The Neptune Rotation Movie**
VTV-75 Silent
Audience: NASA News
Client: PIO
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix

07/14/1989 - 0:01:40

AVC-1989-081-1/1 **Voyager 2 Neptune Raw Images**
VTV-74
SILENT
Audience: NASA
Client: NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
07/18/1989 - 0:43:00

AVC-1989-082-1/1 **APOLLO 11-20th Anniversary Ceremony**
National Air and Space Museum
Apollo 11 astronauts, Admiral Dick Truly, Vice
Pres. Dan Quayle, and Pres. Bush's commitment
speech
Audience: NASA
Client: NASA
Master: M-II
Audio 1: Mono mix 2: Mono mix
07/20/1989 - 0:43:00

AVC-1989-083-1/1 **Voyager/Neptune Pre-Encounter Talk**
Dr. Edward Stone
Audience: JPL
Client: JPL
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/06/1989 - 0:45:00

AVC-1989-084-1/1 **Galileo Press Conference**
VTV-77
Audience: NASA
Client: NASA
Master: M-II
Audio 1: Mono mix 2: Mono mix
07/21/1989 - 1:30:00

AVC-1989-093-1/1 **Soviet's PHOBOS Animation**
Audience:
Client:
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/27/1989 - 0:03:00

AVC-1989-094-1/1 **Voyager 2 Neptune Raw Images**
SILENT

Audience: NASA
Client: NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/01/1989 - 0:39:00

AVC-1989-095-1/1 **Mars Rover Sample Return Mission**
JSC produced animation proposing possible Mars Sample Return Mission.
Audience: NASA
Client: NASA
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/01/1989 - 0:04:45

AVC-1989-096-1/1 **Voyager 2 Neptune Raw Images**
SILENT
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
07/25/1989 - 0:42:00

AVC-1989-097-1/1 **Voyager Press Conference**
VTV-82 FROM HEADQUARTERS
Norm Haynes and Ed Stone
Audience: NASA
Client: NASA
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/04/1989 - 0:48:00

AVC-1989-098-1/1 **Voyager 2 Neptune Raw Images**
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/07/1989 - 0:38:00

AVC-1989-099-1/1 **Voyager 2: Neptune Encounter**
Two segments, the first is 0:05:12 long narrated overview with computer graphics, actual images, and stock footage. Followed by 0:06:19 of unedited computer graphics. Intended for media use.
Audience: Site: JPL
Client: Voyager/PIO

Master: 1"C Submaster: 1"C
Audio 1: Mix 2: Mix
08/08/1989 - 0:11:31

AVC-1989-105-1/1 **Galileo Activities at KSC**
Press Release For Conference at the Cape.
Audience: NASA
Client: Maynard Hine
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/15/1989 - 0:06:46

AVC-1989-106-1/1 **Voyager 2 Neptune Raw Images**
Silent
Audience: NASA Resource
Client: NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/14/1989 - 1:33:00

AVC-1989-107-1/1 **Voyager 2: Encounters Neptune & Triton**
Computer Animation produced by: Computer
Graphics Lab and Voyager Mission Planning
Audience:
Client: William Kosmann
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1989 - 0:04:00

AVC-1989-108-1/1 **Voyager Neptune Approach Movie**
Public Information Office
JUNE 5 - AUGUST 11, 1989
Audience: JPL
Client: PIO
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/11/1989 - 0:03:30

AVC-1989-109-1/1 **Voyager 2: Neptune Weather Movies**
A South Polar view and equatorial view
Audience:
Client: PIO
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/05/1989 - 0:02:30

AVC-1989-110-1/3 **Galileo Science Writers' Briefing**
Galileo managers & scientists discuss plans for the upcoming mission to Jupiter in regards to launch, orbits, and science. Presenters; Richard Spenhalski Project Manager JPL; Clayne Yeates, Acting Science Mission Design Man. JPL; Earl Cherniak Orbiter Science Man. JPL; John Givens Ames Res. Center Probe System Design Man.; Neal Ausman Mission Director JPL.
Audience: JPL Site: JPL
Client: PIO
Master: 1"C Submaster: M-II
Audio 1: Mono mix 2: Mono mix
08/20/1989 - 1:34:00

AVC-1989-110-2/3 **Galileo Science Writers' Briefing**
Galileo managers & scientists discuss plans for the upcoming mission to Jupiter in regards to launch, orbits, and science. Presenters: Dr. Torrence Johnson Project Scientist JPL; Dr. Richard Young Probe Scientist Ames Research Center; Clayne Yeates Acting Mission Design Manager JPL.
Audience: JPL
Client: PIO
Master: 1"C Submaster: M-II
Audio 1: Mono mix 2: Mono mix
08/20/1989 - 1:05:00

AVC-1989-110-3/3 **Galileo Science Writers' Briefing**
Galileo managers & scientists discuss plans for the upcoming mission to Jupiter in regards to launch, orbits, and science. Presenters; Richard Spenhalski Project Manager JPL; Clayne Yeates, Acting Science Mission Design Man. JPL; Earl Cherniak Orbiter Science Man. JPL; John Givens Ames Res. Center Probe System Design Man.; Neal Ausman Mission Director JPL. Dr. Torrence Johnson Project Scientist JPL; Dr. Richard Young Probe Scientist Ames Research Center; Clayne Yeates Acting Mission Design Manager JPL.
Audience: JPL
Client: PIO
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/20/1989 - 0:32:00

AVC-1989-111-1/2 **Voyager 2: Neptune Press Briefing**
Welcome By: Dr. Allen
Presenters: Norman Haynes, Dr. Edward Stone,
Dr. Bradford Smith, Dr. James Warwick

Audience: JPL News Resource
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/12/1989 - 2:00:00

AVC-1989-111-2/2 **Voyager 2: Neptune Press Briefing**
Welcome By: Dr. Allen
Presenters: Norman Haynes, Dr. Edward Stone,
Dr. Bradford Smith, Dr. James Warwick
Audience: JPL News Resource
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/12/1989 - 0:10:00

AVC-1989-112-1/2 **BLUE ROOM - Voyager 2 at Neptune Update**
9AM - 2PM Host: Al Hibbs
Guests: Lanny Miller, Norm Haynes
Audience: JPL
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/21/1989 - 0:49:04

AVC-1989-112-2/2 **BLUE ROOM - Voyager 2 at Neptune Update**
9AM - 2PM Host: Al Hibbs
Guests: Lanny Miller, Norm Haynes
Audience: JPL
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/21/1989 - 0:54:20

AVC-1989-113-1/1 **Voyager 2: Neptune Press Briefing**
Presenters: Dr. Edward Stone, Dr. Bradford
Smith
Audience: JPL
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/22/1989 - 1:23:00

AVC-1989-114-1/3 **BLUE ROOM - Voyager 2 at Neptune Update**
Hosts: Willis Meeks, Jancis Martin, Al Hibbs
Guests: Lanny Miller, Lyle Broadfoot, Dale

Crukshank
Audience: JPL
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/22/1989 - 0:35:00

AVC-1989-114-2/3 **BLUE ROOM - Voyager 2 at Neptune Update**
Hosts: Al, Hibbs, Donna Piviroto, Steve Wall
Guests: S.M. Krimigis, Doug Griffith
Audience: JPL
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/22/1989 - 0:48:25

AVC-1989-114-3/3 **BLUE ROOM - Voyager 2 at Neptune Update**
Hosts: Al, Hibbs, Donna Piviroto, Steve Wall
Guests: S.M. Krimigis, Doug Griffith
Audience: JPL
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/22/1989 - 0:23:00

AVC-1989-115-1/2 **Voyager 2: Neptune Press Briefing**
Presenters: Norman Haynes, Dr. Edward Stone,
Dr. Bradford Smith
Audience: JPL
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/23/1996 - 1:36:00

AVC-1989-115-2/2 **Voyager 2: Neptune Press Briefing**
Presenters: Norman Haynes, Dr. Edward Stone,
Dr. Bradford Smith
Audience: JPL
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/23/1996 - 0:07:00

AVC-1989-116-1/2 **BLUE ROOM - Voyager 2 at Neptune Update**
Host: Al Hibbs
Guests: Lanny Miller, William Farrell, Rex

Ridenoure
Audience:
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/23/1989 - 0:36:40

AVC-1989-116-2/2 **BLUE ROOM - Voyager 2 at Neptune Update**
Hosts: Donna Pivirotto, Al Hibbs, Izeller-
Cureton Snead
Guests: Norman Haynes, Garry Hunt, Raymond
Amorose
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/23/1989 - 0:48:50

AVC-1989-117-1/1 **Neptune Global Rotation Movie**
Andy Ingersoll
Eric DeJong
No Audio
Audience: JPL
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/24/1989 - 0:01:00

AVC-1989-118-1/1 **Voyager 2: Neptune Press Briefing**
Presenters: Dr. Edward Stone, Dr. Brad Smith
Audience: JPL
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1989 - 1:25:00

AVC-1989-119-1/2 **BLUE ROOM Update: 9AM - 2PM**
Hosts: Willis Meeks, Steve Wall
Guests: Lanny Miller, Larry Soderblom, Andrew Ingersoll
Audience: JPL NASA
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1989 - 0:45:40

AVC-1989-119-2/2 **BLUE ROOM Update: 3PM - 5PM**

Hosts: Donna Pivirotto, Steve Wall, Al Hibbs
Guests: Donald Gurnett, Bob Nelson, Reta Beebe
Audience: JPL NASA
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1989 - 0:55:15

AVC-1989-120-1/1 **BLUE ROOM Update: 8PM - 9PM**

Hosts: Steve Wall, Al Hibbs
Guests: Andy Ingersoll, Don Gray
Audience: JPL NASA
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/24/1989 - 0:41:00

AVC-1989-121-1/1 **BLUE ROOM Update: 10PM - 11PM**

Host: Rich Terrile
Guests: Jeff Cuzzi, Larry Soderblom, Torrence Johnson
Audience: JPL NASA
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1989 - 0:54:00

AVC-1989-122-1/1 **BLUE ROOM Update: 12PM - 1AM**

Hosts: Rich Terrile, Steve Wall
Guests: Ed Stone, Don Gurnett/PWS, Larry Soderblom
Audience: JPL NASA
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 0:18:40

AVC-1989-123-1/1 **BLUE ROOM Update: 2AM - 3AM**

Host: Steve Wall
Guests: Bob Nelson, Hal Masursky
Audience: JPL NASA
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 0:23:00

AVC-1989-124-1/1 **BLUE ROOM Update: 5AM - 7AM**

Hosts: Suzanne Dodd, Jancis Martin

Guests: Jay Holberg, Bill Kurth, Pat Liggett
Audience: JPL NASA
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 0:46:00

AVC-1989-125-1/1 **Voyager 2: Neptune - Vice President Quayle**
VTV-88
Addresses JPL and Press
Audience: Gen. JPL News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 0:53:00

AVC-1989-126-1/2 **Voyager 2: Neptune Press Briefing**
Presenters: Dr. Edward Stone, Dr. Lawrence
Soderblom, Dr. Donald Gurnett, Dr. Norman Ness, Dr. Ralph
McNutt
Audience: JPL NASA
Client:
Master: 1"C Submaster: M-II
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 1:33:00

AVC-1989-126-2/2 **Voyager 2: Neptune Press Briefing**
Presenters: Dr. Edward Stone, Dr. Lawrence
Soderblom, Dr. Donald Gurnett, Dr. Norman Ness, Dr. Ralph
McNutt
Audience: JPL NASA
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 0:09:14

AVC-1989-127-1/1 **BLUE ROOM Update: 12 NOON - 2PM**
Host: Al Hibbs
Guests: Frances Bagenal, Bob Strom, Alexander Bazelevsky,
Andy Ingersoll
Audience: JPL NASA
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 0:49:00

AVC-1989-128-1/1 **BLUE ROOM Update: 2PM - 3PM**

Hosts: Al Hibbs, Donna Pivirotto
Guests: Alexander Bazelevsky, Andy Ingersoll, Lonnie Lane,
Andre Brahic
Audience: JPL NASA
Client:
Master:
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 0:45:00

AVC-1989-129-1/1 **BLUE ROOM Update: 4PM - 5PM**
Hosts: Izeller Cureton-Snead, Al Hibbs
Guests: Norm Haynes, Ed Stone
Audience: JPL NASA
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/25/1989 - 0:18:00

AVC-1989-130-1/2 **Voyager 2: Neptune PRESS BRIEFING**
Presenters: Dr. Ed Stone, Dr. Bill Sandel, Dr. John Belcher,
Dr. Tom Krimigis, DR. Arthur Lane
Audience: JPL NASA
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/26/1989 - 1:30:00

AVC-1989-130-2/2 **Voyager 2: Neptune Press Briefing**
Presenters: Dr. Ed Stone, Dr. Bill Sandel, Dr. John Belcher,
Dr. Tom Krimigis, Dr. Arthur Lane
Audience: JPL NASA
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/26/1989 - 0:43:00

AVC-1989-131-1/1 **BLUE ROOM Update: 9AM - 12 NOON**
Hosts: Al Hibbs, Jancis Martin
Guests: Lanny Miller, Kate Robinett, & Patrick Moore
Audience: JPL NASA
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/26/1989 - 0:25:00

AVC-1989-132-1/1 **Voyager 2: Neptune Press Briefing - 1PM**

Presenters: Dr. Lennard Fisk, Dr. Allen
Audience: JPL NASA
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/26/1989 - 0:58:00

AVC-1989-133-1/1 **Voyager 2: Neptune Encounter CNN Live**
Audience: Gen. News
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/26/1989 - 1:00:00

AVC-1989-134-1/1 **BLUE ROOM Update: 3PM - 4PM**
Host: Donna Pivrotto
Guest: Lyle Broadfoot
Audience: JPL NASA
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/26/1989 - 0:36:00

AVC-1989-135-1/2 **Voyager 2: Neptune Press Briefing - 10AM**
Presenters: Norm Haynes, Dr. Edward Stone, Dr. Donald
J. Gurnett, Dr. Norman F. Ness, Dr. James, W. Warwick, Dr.
Robert West, Dr. Barney Conrath, Dr. Andrew Ingersoll, Dr.
Lawrence Soderblom
Audience: Gen. News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/27/1989 - 1:31:00

AVC-1989-135-2/2 **Voyager 2: Neptune Press Briefing - 10AM**
Presenters: Norm Haynes, Dr. Edward Stone, Dr. Donald
J. Gurnett, Dr. Norman F. Ness, Dr. James, W. Warwick, Dr.
Robert West, Dr. Barney Conrath, Dr. Andrew Ingersoll, Dr.
Lawrence Soderblom
Audience: Gen. News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/27/1989 - 0:41:00

AVC-1989-136-1/1 **BLUE ROOM - Voyager 2 at Neptune Update: 9AM - 2PM**

Hosts: Donna Pivrotto, Jancis Martin, Al Hibbs
Guests: Norm Ness, Charles Kohlhasse
Audience: News Resource Site: 186-Studio
Client: Voyager/PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/27/1989 - 0:50:55 Producer: Inova

AVC-1989-137-1/1 **BLUE ROOM Update: 3PM - 4PM**

Hosts: Al Hibbs, Steve Wall
Guest: Ralph McNutt
Audience: JPL NASA
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/27/1989 - 0:23:15

AVC-1989-139-1/3 **VOYAGER 2: Neptune Press Briefing**

Presenters: Dr. Edward Stone, Dr. Roger Yelle,
Dr. Andy Chen, Dr. Ralph McNutt, Dr. Carolyn
Porco, Dr. Jim Pollock, Dr. Torrence Johnson
Audience: News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/28/1989 - 1:34:00

AVC-1989-139-2/3 **VOYAGER 2: Neptune Press Briefing**

Presenters: Dr. Edward Stone, Dr. Roger Yelle,
Dr. Andy Chen, Dr. Ralph McNutt, Dr. Carolyn
Porco, Dr. Jim Pollock, Dr. Torrence Johnson
Audience: News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/28/1989 - 1:00:00

AVC-1989-139-3/3 **VOYAGER 2: Neptune Press Briefing**

Presenters: Dr. Edward Stone, Dr. Roger Yelle,
Dr. Andy Chen, Dr. Ralph McNutt, Dr. Carolyn
Porco, Dr. Jim Pollock, Dr. Torrence Johnson
Audience: News
Client:
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/28/1989 - 0:02:30

AVC-1989-140-1/1 **BLUE ROOM - Voyager 2 at Neptune Update**

Hosts: Willis Meeks, Al Hibbs
Guests: Lanny Miller, Torrence Johnson, Toby Owen
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/28/1989 - 0:38:00

AVC-1989-141-1/1 **BLUE ROOM - Voyager 2 at Neptune Update**

Hosts: Donna Pivirotto, Steve Wall
Guests: Len Tyler, Louis Lanzerotti
Audience:
Client:
Master: 1"C Submaster: M-II
Audio 1: Mono mix 2: Mono mix
08/28/1989 - 0:45:00

AVC-1989-142-1/1 **Flight Over Triton**

Silent
Audience: JPL
Client: Larry Soderblom
Master: M-II Submaster: 1"C
Audio 1: Silent 2: Silent
08/29/1989 - 0:00:33

AVC-1989-143-1/1 **Voyager Neptune Atmosphere**

Features: Andy Ingersoll
Audience:
Client:
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/29/1989 - 0:01:40

AVC-1989-144-1/2 **Voyager 2: Neptune Press Briefing**

Presenters: Bob Mac Millin, Norm Haynes, Norm Ness, Barry Mauk, Don Gurnett, Dr. Larry Esposito, Dr. Lennard Tyler, Dr. Andrew Ingersoll, Larry Soderblom, Ed Stone, Dr. Bradford Smith
Audience: News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix

08/29/1989 - 1:30:00

AVC-1989-144-2/2 **Voyager 2: Neptune Press Briefing**
Presenters: Bob Mac Millin, Norm Haynes, Norm
Ness, Barry Mauk, Don Gurnett, Dr. Larry
Esposito, Dr. Lennard Tyler, Dr. Andrew
Ingersoll, Larry Soderblom, Ed Stone, Dr.
Bradford Smith
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/29/1989 - 1:00:00

AVC-1989-145-1/1 **BLUE ROOM - Voyager 2 at Neptune Update**
Host: Al Hibbs
Guest: Norm Haynes, Lanny Miller, Ed Stone
Audience: JPL
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
/ / - 0:00:00

AVC-1989-146-1/1 **Galileo Cape Activity**
Film Transfer by Foto-tronics
Audience: Resource Site: KSC
Client:
Master: 1"C
Audio 1: Silent 2: Silent
08/15/1989 - 0:42:00

AVC-1989-147-1/1 **DSN Goldstone Reconstruction Time Lapse**
Film to tape transfer
Audience: JPL
Client:
Master: 1"C Submaster: VHS
Audio 1: Mono mix 2: Mono mix
02/03/1988 - 0:23:41

AVC-1989-148-1/1 **Voyager: The Neptune Encounter**
(For Congressional Review)
Dr. Edward Stone
Audience: Edu.
Client: JPL
Master: 1"C
Audio 1: Mono mix 2: Mono mix

09/04/1989 - 0:04:00

AVC-1989-149-1/1 **STS-34 Mission Overview**
Press Conference - JSC
Audience: NASA
Client: NASA
Master: M-II
Audio 1: Mono mix 2: Mono mix
09/05/1989 - 0:40:00

AVC-1989-150-1/2 **Galileo Science Briefing**
Audience: JPL
Client: JPL
Master: M-II
Audio 1: Mono mix 2: Mono mix
09/05/1989 - 1:00:00

AVC-1989-150-2/2 **Galileo Science Briefing**
Audience: JPL
Client: JPL
Master: M-II
Audio 1: Mono mix 2: Mono mix
09/05/1989 - 0:30:00

AVC-1989-151-1/1 **Neptune Encounter Highlights Resource Tape**
VTV-95
21 segments consisting of computer animation (C.A.)
and animation made from real (Real) Voyager Neptune
encounter data, for use as a resource tape.

1. Viewing Neptune from Triton (C.A.) - 0:59
2. Diving Over Neptune to meet Triton (C.A.) - 0:46
3. Catching Triton in its Retrograde Orbit (C.A.) - 0:42
4. Encountering Neptune's Magnetopause (C.A.) - 0:59
5. Close Encounters with Neptune and Triton (C.A.) - 0:56
6. View from Earth of Voyager's Occultation (C.A.) - 0:27
7. Encounters Neptune and Triton (C.A.) - 4:34
8. Nodding Image Motion (C.A.) - 0:58
9. Voyager Rotation Movie (Real) - 1:29
10. Voyager Approach Movie (Real) - 3:16
11. Neptune Weather Movie (Real) - 2:26
12. Neptune Global Rotation Movie (Real) - 1:15
13. Real Time Images Sample (Real) - 3:30
14. Voyager at Triton (Real) - 0:48
15. Neptune's Rings (Real) - 0:42
16. Neptune's Atmospheric Features (Real) - 1:41
17. Neptune's Atmosphere in Motion (Real) - 1:44
18. The Great Dark Spot (Real) - 1:03

19. Flight over Triton Movie (Real) - 0:43
20. A Farewell (Real) - 1:20
21. Triton's Active Plumes (Real) [AVC-90-024] - 3:30
Made 9/10/89, revised 11/28/89
Audience: Resource
Client: Voyager Project/PIO, Org. 1810
Master: 1"C Submaster: DVCPro25
Audio 1: Mix 2: Mix
11/28/1989 - 0:32:38

AVC-1989-154-1/1 **Voyager Last Picture Show**
VTV-103 An overview of the Neptune Encounter blending
computer animation, actual photos, data, and
music.
Audience: JPL
Client: Phil Neuhauser
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/18/1989 - 0:05:30

AVC-1989-158-1/1 **JPL Computer Animations**
J "Winds of Jupiter"
"Pioneer II Saturn Encounter"
"Voyager at Uranus"
Audience: Resource
Client:
Master: 1"C
Audio 1: 2:
09/01/1989 - 0:20:00

AVC-1989-161-1/1 **SIGGRAPH - Voyager Retrospective**
Made for a SIGGRAPH presentation by the JPL
Computer Graphics Lab
Audience: Resource
Client:
Master: 1"C
Audio 1: Narration 2: Music8
07/01/1989 - 0:03:00

AVC-1990-017-1/1 **Voyager: National Air & Space Museum**
VTV-102 A recap of Voyager's travels to the outer planets
using excerpts out of previous tapes.
Audience: Gen.
Client: G. Alexander, Org. 1800
Master: 1"C Submaster: 1"C
Audio 1: Mix 2: Mix

10/10/1989 - 0:04:30 Producer: Inova

AVC-1990-023-1/1 **Telerobotic Control From 3000 Miles**
Telerobotic Control From 3000 Miles
LONG VERSION
Channel 1 - Narration; - Channel 2 - Music
Audience:
Client: B.Bon/B.Hansen(Inova)
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
11/21/1989 - 0:07:00

AVC-1990-024-1/1 **Voyager II: Triton's Active Plumes**
VTV-109 Voyager II: Triton's Active Plumes
Silent
Audience:
Client: Lawson
Master: 3/4" Submaster: 1"C
Audio 1: Silent 2: Mono mix
11/21/1989 - 0:03:40

AVC-1990-025-1/1 **"COBE"**
Cobe
Ch.1: Full Mix
Ch.2: Music Effects & Actualities
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/29/1989 - 0:12:56

AVC-1990-026-1/1 **The Hubble Space Telescope**
Pre-launch story of the Hubble Space Telescope. Produced by
BDM International for NASA Hq. Astrophysics Division
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
05/01/1989 - 0:27:16 Producer: BDM International

AVC-1990-027-1/2 **STS-34 Mission Highlights Resource Tape**
STS-34 Mission Highlights Resource Tape
Audio Channel 2 Produced at Johnson Space Center
Audience:
Client:
Master: 3/4"

Audio 1: Mono mix 2: Mono mix
11/28/1989 - 1:30:00 Producer: Johnson Space Center

AVC-1990-027-2/2 **STS-34 Mission Highlights Resource Tape**
STS-34 Mission Highlights Resource Tape
Audio Channel 2 Produced at Johnson Space Center
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
11/28/1989 - 1:30:00 Producer: Johnson Space Center

AVC-1990-030-1/1 **STS-34 Post Flight Press Conference**
STS-34 Post Flight Press Conference
Audience:
Client:
Master:
Audio 1: Mono mix 2: Mono mix
10/01/1989 - 0:15:00

AVC-1990-034-1/1 **The Martian Investigators**
VTV-108
Documentary of the Mariner 6 and 7 July and August,
1969 fly by Mission to Mars. Features the team of scientists
who planned and built the experiments.
Film-to-tape transfer of 1969 film JPL 900 (HQ-195).
Produced by Drew Associates for JPL.
Audience: Gen.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JPL 900
12/31/1969 - 0:28:00 Producer: Drew Associates

AVC-1990-038-1/2 **STS-34 Mission Highlights Resource Tape**
STS-34 Mission Highlights Resource Tape
Audience:
Client:
Master:
Audio 1: Mono mix 2: Mono mix
11/13/1989 - 0:53:21

AVC-1990-038-2/2 **STS-34 Mission Highlights Resource Tape**
STS-34 Mission Highlights Resource Tape
These tapes were produced at Johnson Space Center
Audience: Site: JSC
Client:
Master:

Audio 1: Mono mix 2: Mono mix
11/13/1989 - 0:46:00

AVC-1990-040-1/1 **Chapters in Aerospace History Interviews - Dr. Lew Allen Jr.**

Made for the Museum of Science and Industry archives. Dr. Lew Allen Jr., Director of The Jet Propulsion Laboratory (JPL), 1982-1990. He is interviewed by Dr. Al Hibbs.

Audience: Resource Site: JPL

Client: Shirley Thomas

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/05/1989 - 1:12:15 Producer: Lawson

AVC-1990-044-1/1 **Robotic Control From 3000 Miles**

Robotic Control From 3000 Miles

Short Version. Demonstrates remote control of a manipulator from KSC to JPL.

Audience:

Client: Giulio Varsi/Bon Hansen (

Master: 1"C

Audio 1: Narration 2: Effects

12/15/1989 - 0:04:30

AVC-1990-045-1/1 **Hubble Space Telescope: Compilation - Preparation for STS-31 Launch**

Raw footage with natural sound.

Tape location | length

1) 0:00:00 | 08:00 6/21/89 - STS-31: Cleaning of VPF for Hubble Space Telescope (HST).

2) 0:08:00 | 03:00 7/11/89 - VPE Airlock Adapter: Cleaning of VPF for HST.

3) 0:11:08 | 03:00 10/8/89 - HST in the VPF.

4) 0:14:15 | 09:00 10/9/89 - HST Lift to Vertical.

5) 0:23:32 | 17:30 10/10/89 - HST Lift to Work Platform.

6) 0:41:00 | 13:00 10/12/89 - HST Protective Cover

Installation.

7) 0:53:12 | 08:30 12/20/89 - HST Widefield Planetary Camera Installation.

8) 1:01:00 | 04:33 12/11/89 - HST Widefield Planetary Camera in Hanger "S".

Audience: Resource

Site: KSC

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

12/20/1989 - 1:05:33 Producer: KSC

AVC-1990-046-1/1

STS-31: Hubble Space Telescope

STS-31

Hubble Space Telescope

Widefield Planetary Camera Install Hangers

Audience:

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

12/20/1989 - 0:12:50

AVC-1990-047-1/2 **STS-31:Hubble Space Telescope & Compiled Field Footage**

STS-31:Hubble Space Telescope & Compiled Field Footage.

Audience:

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

06/21/1989 - 0:53:00

AVC-1990-047-2/2 **STS-31:Hubble Space Telescope & Compiled Field Footage**

STS-31:Hubble Space Telescope & Compiled Field Footage.

Audience:

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

06/21/1989 - 0:12:20

AVC-1990-049-1/2 **History of Robotics**

VTV-119

History of Robotics, Science Fiction and Science

Fact. A talk on Robotic History. Includes Film Clips and Slides.

Audience:

Client: Dr. L.S. Coles

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

01/18/1990 - 1:33:40 Producer: Lawson

AVC-1990-049-2/2 **History of Robotics**

History of Robotics, Science Fiction and Science Fact. A talk on Robotic History. Includes Film Clips and Slides.

Audience:

Client: Dr. L.S. Coles

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

01/18/1990 - 0:09:31 Producer: Lawson

AVC-1990-055-1/1 **Exploring The Planets**

Film-to-tape transfer
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/17/1990 - 0:11:30

AVC-1990-057-1/1 **The Log of Mariner IV**
Story of Mariner IV's flight to Mars. The spacecraft was launched November 28, 1964. In July, 1965, it took the first close-range images of Mars, confirming the existence of surface craters. Entered solar orbit.
NOTE: Transferred from a worn film print 1/25/90.
Audience: Gen.
Client: S. Bridges, Org. 182
Master: 1"C
Audio 1: Mono mix 2: Mono mix JPL 618
12/01/1965 - 0:28:00

AVC-1990-061-1/1 **To The Planets From The Space Station**
A narrated production consisting mostly of cell animation and some computer trajectories. The production contrasts three different launch options from the Space Station.
Audience: Managers and funding sources.
(Inova)
Audience:
Client: Paul Henry, Org. 311
Master: 1"C Submaster: 1"C
Audio 1: Narration 2: Effects
01/01/1990 - 0:05:00

AVC-1990-063-1/1 **Galileo Venus Flyby Press Release**
(Updated Version)
Audience:
Client:
Master:
Audio 1: Mono mix 2: Mono mix
02/09/1990 - 0:04:00

AVC-1990-065-1/1 **Galileo Venus Flyby Press Briefing**
Audience:
Client:
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/10/1990 - 0:58:00

- AVC-1990-067-1/1 **The Soviet's Mars Rover Sampler Return**
 VTV-123 "Phobos"
 5:00
 NOTE: Dubbed from VHS tape from the Soviet Union.
 Audience:
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 11/08/1988 - 0:09:00
- AVC-1990-070-1/1 **Voyager 1 Saturn Encounter and Ring Rotation**
 Voyager 1 Saturn Encounter - 5:00
 Voyager 1 Saturn Ring Rotation - 1:00
 (movie repeats one time)
 Audience: Resource
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 / / - 0:06:00
- AVC-1990-071-1/1 **Voyager Resource Releases: Uranus & Neptune**
 Uranus and Satellites Rotation Movie - 4:00 Voyager at
 Uranus - 9:00
 Uranian Moon Rotation - 1:00
 Voyager II Encounters Uranus and Neptune - 7:00
 8 Frame Orange Movie - 5:00
 Audience: Resource
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 / / - 0:26:00
- AVC-1990-072-1/1 **Voyager 1 Resource Releases: Saturn**
 Voyager 1 Saturn Encounter 1980 - 6:10
 Voyager 1 Saturn Rotation & Ring - 1:15
 Voyager 1 Saturn Computer Simulation - 4:40
 Audience: Resource
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 / / - 0:12:05
- AVC-1990-073-1/1 **Voyager Resource Releases: Jupiter Animations and Images**
 Jupiter Color Rotation and Zoom - 6:00
 Jupiter B & W Rotation & ring - 11:00

Voyager 1 Animation - 11:00
Mission 2 Excerpt Images - 21:00
Audience: Resource Site: JPL
Client: PIO
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/02/1995 - 0:49:00 Producer: Savona

AVC-1990-074-1/1 **Voyager Encounters: Jupiter, Saturn, Uranus and Neptune**
Audience: Resource
Client:
Master: 3/4" Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
/ / - 0:14:00

AVC-1990-075-1/1 **Voyager 2 Saturn Ring Movies**
Voyager 2 Saturn Ring Movie #1 - 4:00
Voyager 2 Saturn Ring Movie #2 - 2:00
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/01/1981 - 0:06:00

AVC-1990-076-1/1 **Voyager 1 Resource Releases: Jupiter**
Voyager 1 Encounter - 3:00 Min
Voyager 1 Approach to Jupiter - 2:00 .
Voyager 1 Jupiter Rotation - 6:00
Voyager 1 Jupiter Approach (Blue Filter) - 3:00
Audience: Resource
Client:
Master: 3/4" Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
/ / - 0:14:00

AVC-1990-076-2/2 **Voyager 1 Resource Releases: Saturn**
Voyager 1 Saturn (Narrated) - 12:00
MIMAS - 00:42
Voyager 1 Encounter - Saturn (Narrated) - 5:00
Audience: Resource
Client:
Master: 3/4" Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
/ / - 0:17:42

AVC-1990-077-1/1 **Voyager Resource Releases: Uranus & Neptune**

Voyager Encounter Uranus - 5:00
Voyager Neptune Encounter VU-2 - 12/5/85 - 01:15
Audience: Resource
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
/ / - 0:06:15

AVC-1990-079-1/1 **Voyager II Encounters Uranus**
Jim Blinn Animation, Revised
Audience: Resource
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/02/1986 - 0:07:00

AVC-1990-080-1/1 **Chapters in Aerospace History Interviews - Mr. Dale Myers**
VTV-126 Interviewed by Dr. Al Hibbs
Made for the Museum of Science and Industry archives.
Audience: Resource Site: 186-Studio
Client: Shirley Thomas
Master: M-II Submaster: M-II
Audio 1: Mono mix 2: Mono mix
03/06/1990 - 1:30:00

AVC-1990-083-1/2 **Global Change Dynamics**
An edited production showing computer simulated data of the
Earth's atmosphere.
Audience: NASA
Client: Sam Benedict
Master: 1"C
Audio 1: Mono mix 2: Mono mix
03/04/1990 - 0:07:35 Producer: Savona

AVC-1990-083-2/2 **Global Change Dynamics (revised)**
An edited production showing computer simulated data of the
Earth's atmosphere.
(added new images and music)
Audience: NASA
Client: M. Chahine
Master:
Audio 1: Mono mix 2: Mono mix
06/06/1990 - 0:08:35 Producer: Savona (Hanchett)

AVC-1990-085-1/1 **Voyager and Galileo Animation**
1st Segment Shows Voyager

Spacecraft Crossing Starfield;
2nd Segment depicts Galileo's Earth-Venus-Earth
trajectory and gravity assists from Venus.
(JPL Computer Graphic Lab)
Audience: Gen.
Client:
Master: 1"C
Audio 1: Silent 2:
03/07/1990 - 0:04:00 Producer: Savona

AVC-1990-086-1/1 **Galileo Venus Flyby Press Footage**
A non-narrated videotape assembled for the Venus Flyby Press
Briefing on February 10, 1990
Audience: Resource
Client: Bob Mac Millin
Master: 1"C Submaster: 1"C
Audio 1: Silent 2:
01/12/1990 - 0:03:00

AVC-1990-090-1/1 **Voyager**
Tour tape with Al Hibbs explaining how a picture comes back
from space.
1980
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
/ / - 0:19:00

AVC-1990-091-1/1 **8 Frame Orange Movie**
High Pass Filtered
1/86
Audience:
Client: Brad Smith
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
/ / - 0:05:00

AVC-1990-095-1/1 **Voyager: The Grand Tour**
VTV-152
Produced by Martin Marietta. Ken Colby Animation
or interactive pictures from Voyager 1 and 2 missions with
sound bytes from Dr. Ed Stone, Andy Ingersoll and sounds of
earth. Takes us through Voyager mission from launch and
gives a description of what was found at each planet
starting at Jupiter going through Saturn, Uranus,
Neptune and into future missions.

Audience: Gen.
Client:
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
03/29/1990 - 0:17:51 Producer: Martin Marietta

AVC-1990-097-1/1 **Historical Voyager Footage with Gold Record Installation**

Film-to-tape transfer
1978
Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/01/1978 - 0:16:00

AVC-1990-099-1/1 **Magellan Launch & Deployment at SFOF**

Highlights of SFOF action during STS-30. Includes launch and deployment footage.
Audience:
Client: Al Conrad
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
/ / - 0:07:20

AVC-1990-102-1/2 **Mars Trajectory Graph Animation**

Raw Stock
Jan. 1990
Audience:
Client: Paul Henry
Master: 1"C
Audio 1: Narration 2: Effects
01/01/1990 - 0:01:00

AVC-1990-102-2/2 **Mars Trajectory Graph Animation**

Raw Stock
Jan. 1990
Audience:
Client: Paul Henry
Master: 1"C
Audio 1: Narration 2: Effects
01/01/1990 - 0:01:00

AVC-1990-103-1/1 **EOS-SAR Computer Animation Segments**

Raw Stock
JPL Computer Graphics Lab
Audience:

Client:
Master: 1"C
Audio 1: Silent 2: Silent
04/24/1990 - 0:08:00

AVC-1990-104-1/1 **Excerpts from JPL AV Productions"**
1. To The Planets
2. Life and The Solar System
3. Cosmic Worms
4. Galileo: The Jovian Laboratory
5. Voyager: National Air & Space Museum
6. Neptune Encounter
Feb. 1990 (Audio Mixed)
Audience: JPL Resource
Client: Steve Bridges
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/30/1990 - 0:20:00

AVC-1990-105-1/1 **Insight to Global Change: The EOS-SAR Mission**
VTV-155
The production explains the value of JPL's unique technology, Synthetic Aperture Radar (SAR) as a vital part of NASA's global research program. Includes an explanation of global warming, experimentation with the SAR in the rain forests of Belize and monitoring of the polar ice flows.
Audience: Gen. Site: Belize
Client: Tom Barber
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/30/1990 - 0:08:30 Producer: Inova

AVC-1990-106-1/1 **STS-32 Video News Release**
Long Duration Exposure Facility (LDEF) is coming home
Protein Crystal Growth
Produced by Marshall Space Flight Center
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
12/06/1989 - 0:05:15

AVC-1990-107-1/1 **STS-32 Mission**
"Long Duration Exposure Facility"
Nov. 1989
Produced by Langley Research Center
Audience:

Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
/ / - 0:04:00

AVC-1990-108-1/1 **STS-32 Mission**
"Long Duration Exposure Facility"
Retrieval Animation
Nov. 1989
Produced by Langley Research Center
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
/ / - 0:04:00

AVC-1990-109-1/1 **Chapters in Aerospace History Interviews - Prof. Hermann Oberth**
VTV-133 Edited a videotape shoot by the Museum of Science
and Industry. English translation by Dr. Al Hibbs. The late
Prof. Hermann Oberth's interviewed on his 95th birthday.
Audio: German interview - Channel 2
English translation - Channel 1
Audience: Resource
Client: G. Alexander/S. Thomas, Org. 180
Master: 1"C Submaster: 1"C
Audio 1: English 2: German
05/04/1990 - 0:19:04 Producer: Lawson

AVC-1990-116-1/2 **First Light Press Briefing**
Hubble Space Telescope
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
05/10/1990 - 1:00:00

AVC-1990-116-2/2 **First Light Press Briefing**
Hubble Space Telescope
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
05/10/1990 - 1:17:00

AVC-1990-121-1/1 **STS-31 Post Flight Press Conference**
Hubble Space Telescope - JSC

Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
06/06/1990 - 0:22:00

AVC-1990-122-1/1
VTV-140

Voyager Science Summary Tape

Developed by Solar System Visualization Program for a press conference on June 6, 1990, presented by Dr. Edward Stone. Includes:

VOYAGER - A RETROSPECTIVE, 4:23 (Stand-alone production with narration) This production was produced to depict the success of the Voyager spacecrafts as demonstrated by the data that was beamed back from the most distant corners of our solar system. From Voyager 1's vantage point a rare opportunity was seized, as the spacecraft photographed our solar system.

The following segments are recent manipulations of Voyager data (music only):

THE SOLAR SYSTEM, 2:47

VOYAGER 1 AND 2 OUTER PLANET ATMOSPHERES, 3:26

SHALLOW WATER MODEL, 1:15

NEPTUNE'S ATMOSPHERE, 1:50

NEPTUNE KIDA VORTEX MODEL, 0:53

NEPTUNE'S CRESCENT, 2:00

MAGNETIC FIELD OF JUPITER, 0:29

MAGNETIC FIELD OF URANUS, 0:53

EARTH'S MOON, 1:14

GANYMEDE, 0:42

ENCELADUS, 0:36

TRITON, 1:11

IO, 1:23

THE SOLAR SYSTEM, 2:47

NOTE: see full description sheet in file 90-122.AVC

Audience: Resource

Client: Eric De Jong

Master: 1"C Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

06/06/1990 - 0:28:21 Producer: Savona

AVC-1990-123-1/1
VTV-141

Voyager Missions: Solar System Image and New Findings

Press conference from NASA HQ on latest analysis of Voyager data, including the "Family Portrait" (VPLANET) mosaic of the Solar System. The data was presented by Dr. Ed Stone, Voyager Project Scientist, and comments by Dr. Carl Sagan. Included segments from AVC-90-122. Produced at NASA

HQ.

Animations developed by Solar System Visualization Program

Audience:

Client:

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

06/06/1990 - 1:30:00

AVC-1990-126-1/1

Space Telescope Science Institute Computer Animation

Computer animated visualization of space telescope and other cosmic phenomena. Produced by The Astronomy Visualization Laboratory of The Space Telescope Science Institute.

Audience:

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

06/14/1990 - 0:14:28

AVC-1990-128-1/28

Voyager Film Rawstock Footage - Jupiter #1 + Viking, Surveyor, Pioneer

Film to tape transfer

NO AUDIO

1. Various shots of Mission Control room at Jupiter encounter.
2. Meeting with 8 men. Voyager model on desk.
3. Shots of signals from Voyager printed on paper.
4. @ 4:25: more shots of Mission Control room, "Command Operator."
5. Office with the model of Voyager and a film crew; Bob Parks on phone @ 6:40.
6. Three men (Bruce Murray, Paul Westmoreland, other) holding a conversation, panning to a wide shot of room.
7. Woman looking at monitors; other control room shots.
8. Viking Mars landing celebration (Fletcher on phone, Jim Martin, champagne toast by many men).
9. Voyager spacecraft assembly in clean room @ 5:30.
10. Animation of Io and Jupiter.
11. Various shots of Surveyor and shots of itself digging on the lunar surface.
12. Two shots of Pioneer 3 spacecraft.
13. Voyager spacecraft being lowered into test position in clean room; mounting high gain antenna @ 20:30.
14. Animation of the solar system and of Jupiter and Voyager.

Audience: Resource

Site: JPL

Client:
Master: 1"C
Audio 1: Silent 2: Silent
(old designation- Hour 1)
03/12/1990 - 0:22:00

AVC-1990-128-2/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #1**

Film to tape transfer

1. Shot of Photolab with an explanation of the black & white and color photos that are made there.
2. Close-up of Dick Laeser watching incoming data on a monitor; with Charlie Kohlase.
3. Shots in a conference room. Man speaking on the scan platform problems after Saturn encounter.
4. Close-up of Ed Stone asking a question; also Brad Smith, L. Lane.
5. Shots in the Press room.
6. Shots during a press conference on Enceladus in Audiovisual booth, post-Saturn encounter.
7. Shots of a meeting in progress, with Charles Kohlase: sticking scan platform

Audience: Resource

Site: JPL

Client:

Master: 1"C
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1)
03/12/1990 - 0:29:06

AVC-1990-128-3/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #2**

Film to tape transfer

1. Various shots of press conference with P.I.'s and the open forum in von Kármán Auditorium w/100 people about Jupiter atmosphere. Loses sound in middle, comes back.
2. Driving shots up Oak Grove to JPL and turning at visitors' parking lot.
3. People getting off bus and arriving for encounter.
4. Different shots of the open house for Voyager 2 at Saturn encounter.
5. Meeting in a conference room concerning images, Stone et al. No sound
6. Shot of press conference, zoom on Carl Sagan on floor; no sound @ 22:12.
7. Montage of quick clips of meetings, press conferences, @ :55; no sound.

Audience: Resource

Site: JPL

Client:

Master: 1"C
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1:30)
03/09/1990 - 0:27:51

AVC-1990-128-4/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #3**

Film to tape transfer

1. Shots at control room. No sound.
2. Small meeting. No sound.
3. Shots of Blue Room with Al Hibbs and a man. No sound.
4. Meeting in a glass conference room. No sound.
5. Shots of three men in a room comparing data. No sound.
6. Various shots of Voyager control room, close-ups, two shots zoom outs, monitors.
7. Shots of Radio Science area with people at . 8. Various shots of press conference about Hailey's Mission with J. Beggs, Murray, Stofen; Julies Bergman asks a question. (Shows Gregoire and Borst, the latter @ 22:54) No sound in beginning.

9. Shots outside SFOF for visit of Ed Meese, and his departure. Also shows Terhune and Murray

Audience: Resource Site: JPL

Client:

Master: 1"C Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 2:00)

03/09/1990 - 0:29:00

AVC-1990-128-5/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #4**

Film to tape transfer

1. Office with people (Lane) looking at monitor for star occultation: loud cheering; good shots.. (Borst @ 6:27)
2. Control room at 264, Radio Science control, three guys [also in T4 film]. No sound.
3. Cake cutting for PPS ["Positively Phantastic Science"]; Lane Shows a black-frosted sheet cake with one lit candle that shines through the rings of a model Saturn mounted on the cake's surface: celebrates star-ring occultation. At beginning: no sound..
4. Meeting with Brad Smith.
5. An artist explaining his metaphor drawings for Voyager facts. End: no sound.
6. Mr. Beggs on tour; a woman explaining to him star imaging, with various close ups, with "Stofen," Parks. Laeser..

Audience: Resource

Site: JPL

Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:30)
03/12/1990 - 0:25:51

AVC-1990-128-6/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #5**

Film to tape transfer

1. Science meeting in 264 studying pictures of rings. No sound. With Lane Masurgsky, Stone.
2. Three men analyzing data.
3. Different shots of the imaging room. 3 men viewing b & w pictures on a small monitor.
4. Press conference with Dick Laeser talking about scan platform problem. Briefly loses sound in middle.
5. Photolab frolics: Deitz et al preparing press kit packages.
6. More shots of the press conference. No sound.
7. Meeting in a glass room. Speaking about slew data.
8. Various shots of the mission control room. @ 26:30 man says "We're having trouble sending up a command."

Audience: Resource Site: JPL

Client:

Master: 1"C Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 3:00)
03/12/1990 - 0:27:00

AVC-1990-128-7/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #6**

Film to tape transfer

1. Computer room, different shots, close up of plotter and printers; two men looking at data and ring analysis.
2. Photo meeting with Brad Smith, J. Van der Woude et al: discussing releasing images.
3. Science meeting with Dick Laeser.
4. Science meeting, with Viewgraphs and Dick Laeser; various shots.
5. Shots of Radio Science operations. Men looking at small monitors.
6. Some close up shots.

Audience: Resource Site: JPL

Client:

Master: 1"C
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 3:30)
03/09/1990 - 0:29:43

AVC-1990-128-8/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #7**

Film to tape transfer

1. Shots of Radio Science operations [as seen in part 7].
Nice overhead shot.
2. Press conference with Ed Stone talking about Saturn's rings. Brad Smith at the end of it.
3. Shots of the camera crews at the press conference. No sound.
4. Science meeting, man showing Viewgraphs on the atmospheric activity on Saturn. Medium shots of Ed Stone.
5. Picture meeting with Brad Smith, Torrence Johnson, Van der Woude. Discusses what images to release. Loses sound at end.

Audience: Resource

Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 4:00)

03/16/1990 - 0:29:30

AVC-1990-128-9/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #8**

Film to tape transfer

1. Picture meeting continued from part 6. no sound, short.
2. Science meeting talking about F ring. Ed Stone asking questions; L. Lane.
3. Meeting in glass room in 264. checking on status of the spacecraft. Lost sound at end. Repeated sound in part.
4. Shots of press conference. Rich Terrile speaks about the E ring. No sound in the beginning. Lost sound at end.
5. Shots of navigation area. People talking, shots of monitor screens, etc. No sound. "Navi-Gators" logo on wall.

Audience: Resource

Site: JPL

Client:

Master: 1"C Submaster: DVCPRO25

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 4:30)

03/16/1990 - 0:30:00

AVC-1990-128-10/28 **Voyager Film Rawstock Footage - Voyager 2/Saturn tape #9**

Film to tape transfer

1. Man at data phone. No sound.
2. Science meeting. Man showing viewgraphs. No sound.
3. Shots in an office building. Costume pinned to wall labeled "Dearth Falcur: Ghost of FSMAN 2".
4. Close up of woman at console. No sound.

5. Various shots of people in 264 mission control, three men at a console. No sound.

6. Small model of Voyager in a room. No sound.

7. More shots of people at consoles in: the 3 Radio Science guys.

Audience: Resource Site: JPL

Client:

Master: 1"C Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 5:00)

03/16/1990 - 0:26:03

AVC-1990-128-11/28 Voyager Film Rawstock Footage - Voyager 2/Uranus tape #1

Film to tape transfer

1. Various shots of people, of charts and monitors from 264 third floor. Tour of offices. No sound.

2. Science meeting with Ed Stone and close ups of the other men in the room, e.g. E. Miner, L. Lane. No sound.

3. Various shots of 16 men getting ready for a group picture outside at the mall. Stone, Smith, Lane, Laeser, et al. No sound.

Audience: Resource Site: JPL

Client:

Master: 1"C Submaster: DVCPPro50

Audio 1: Silent 2: Silent

(old designation- Hour 1:00)

03/09/1990 - 0:27:43

AVC-1990-128-12/28 Voyager Film Rawstock Footage - Voyager 2/Uranus tape #2

Film to tape transfer

1. Interview with Kathryn Sullivan (astronaut). Part 2. 8 min.

2. Various shots of Voyager control room, 264. Starts with an establishing shot. [room configuration changed]: plotters, monitors.

3. Interview with Kathryn Sullivan (astronaut). Part 1. 6 min.

4. Science meeting with a man with Viewgraphs.

5. Shots of Photolab finishing area: making press kits, attaching photo captions (Deitz et al).

6. Forum for press conference. Torrence Johnson and Masurgsky speak. No sound.

Audience: Resource Site: JPL

Client:

Master: 1"C Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 1:30)
03/09/1990 - 0:29:46

AVC-1990-128-13/28 Voyager Film Rawstock Footage - Voyager 2/Uranus tape #3

Film to tape transfer

1. Forum press conference in von Kármán Auditorium. Same as tape part 12.

Much background noise. Lost sound at end.

2. Torrence Johnson speaks on geological evolution.

3. Various shots outside on the mall. One shot following Lew Allen up into Building 180. No sound.

4. Also some shots outside west gate trailer signs; trailers; fountain; flowers. No sound.

5. Press conference in auditorium with white haired German investigator. No sound at end.

6. Shots of auditorium control booth with Gary Savona and Marian Inova. No sound.

7. Shots of news room @ :08 good. No sound.

8. Blue room show with Al Hibbs and Larry Soderblom. No sound.

Audience: Resource

Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 2:00)

03/09/1990 - 0:29:55

AVC-1990-128-14/28 Voyager Film Rawstock Footage - Voyager 2/Uranus tape #4

Film to tape transfer

1. Blue room show with Al Hibbs and Larry Soderblom. No sound.

2. Press conference in auditorium. Shots of other camera operators. No sound.

3. Model of flyby of Uranus. No sound. [items 2 and 3 transferred twice]. Press conference with shots of camera operators. No sound.

5. Press conference at auditorium, panel discussion with Ed Stone among others. No sound.

6. Shot of audiovisual booth at auditorium.

7. Men at Mission Control console in control room, No sound.

8. Various other shots of people in the control room in: Radio Science, 3 people. No sound.

9. Same type of shots, example- a three shot + woman typing on keyboard; man marking chart.

Audience: Resource

Site: JPL

Client:

Master: 1"C
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:30)
03/12/1990 - 0:29:15

AVC-1990-128-15/28 Voyager Film Rawstock Footage - Voyager 2/Uranus tape #5

Film to tape transfer

1. Various shots of Voyager control room. No sound towards end.
2. Close up shots of the ceiling signs above the different areas. No sound.
3. More various shots of people (e.g., M.L. Mays, on badge) working in Voyager control room in Building 264. No sound.

Audience: Resource Site: JPL

Client:

Master: 1"C Submaster: DVCPRO25

Audio 1: Mono mix 2: Mono mix
(old designation- Hour 3:00)
03/12/1990 - 0:14:35

AVC-1990-128-16/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #1

Film to tape transfer

Voyager 2/Neptune part #1

1. Photo meeting with Imaging team, Smith, Van Der Woode; 11 minutes long.
2. Press room in auditorium. Starts with two shot, goes to close ups and other shots: radio and print reporters, using keyboards, on phones.
3. Science meeting from Room 167. Man with viewgraphs. Shot from in back.

Audience: Resource Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1:00)
03/12/1990 - 0:28:40

AVC-1990-128-17/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #2

Film to tape transfer

1. Woman with Viewgraphs speaking on bowshock crossing. Man speaking on new moons, etc.
2. Press conference in von Kármán Auditorium. 3 men + Carolyn Porco speak on Triton's atmosphere, rings. Loses sound at end.
3. Science meeting. Brad Smith speaks on rings. Woman speaks on bowshocks + other reports. Stone presides (Krimegis:

c.u. of his badge).
4. Press conference in auditorium. Man speaks on Neptune's Atmosphere.
Audience: Resource Site: JPL
Client:
Master: 1"C Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 1:30, 128T16M/2)
03/09/1990 - 0:29:05

AVC-1990-128-18/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #3

Film to tape transfer
1. Press conference in von Kármán Auditorium, Torrence Johnson speaks.
2. Press conference, panel Q & A. Ed Stone, Carolyn Porco, Torrence Johnson, + 3 others..
3. Larry Soderblom speaks + another man (shows Neptune rotation "movies").
4. Outside (curtain backdrop to a podium) in mall area, the beginning of Dan Quayle's speech (Gregoire), many people.
Audience: Resource Site: JPL
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:00, 128T17M)
03/09/1990 - 0:29:59

AVC-1990-128-19/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #4

Film to tape transfer
1. Quayle's speech continued, outside in the mall area.
2. Quayle's speech Q & A, in the von Kármán Auditorium.
3. Driving up the street toward JPL past all the cars and TV trucks. No sound.
4. Inside the photo trailer with Van der Woode working through walk-up window.
5. Outside, shots of security and others (including Borst).
6. Inside the decorated blue room with Al Hibbs and guests (with IMAX camera filming)..
7. Press conference in auditorium with Ed Stone and a man (Triton UVS) + a man (magnetosphere)..
Audience: Resource Site: JPL
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
(old designation- Hour 2:30, 128T18M)
03/09/1990 - 0:29:29

AVC-1990-128-20/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #5

Film to tape transfer

1. Press conference in von Kármán Auditorium. One man at a time speaking on magnetopause, radiation belts, Lane, Smith, man (rings), Soderblom.

2.27 Press conference panel Q & A with Andy Ingersoll, Larry Soderblom, Ed Stone, N.Ness, D.Guernott, J.Warwick..

Audience: Resource

Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 3:00, 128T19M)

03/09/1990 - 0:27:00

AVC-1990-128-21/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #6

Film to tape transfer

1. Photo meeting with Brad Smith, and others.

2. Unknown office with 9 people watching two men at keyboards.

3. Control room in Building 264. Various shots of people.

Photo trailer, Van der Woude asleep @ 3:25.

5. Science meeting with Larry Soderblom.

6. Various shots of 3 other crews filming Brad Smith and Torrence Johnson speaking with Carl Sagan @ 7:00.

7. Office with people watching monitors: Triton images.

Various dark and lit rooms with many people watching monitors and talking about it: Soderblom, Stone, Smith:

Triton images @ : Very good @ 25:25: sleeping bag under desk

@ 27:30: Sagan, Smith, Johnson: Triton images.

Audience: Resource

Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 3:30, 128T20M)

03/09/1990 - 0:29:25

AVC-1990-128-22/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #7

Film to tape transfer

1. Science meeting. Loses sound at end.

2. Auditorium: Van der Woude showing images to a woman. No sound.

3. 264, Voyager control room. Shots of people during a scan platform maneuver.

4. Shots of Radio Science area [reconfigured since Uranus encounter]. Lost sound in the middle.

5. Press room auditorium. Newsman saying a piece of news over the phone, with laptop computer.

Audience: Resource Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 4:00, 128T19/2M)

03/09/1990 - 0:29:25

AVC-1990-128-23/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #8

Film to tape transfer

1. Press room auditorium, Newsman saying a piece of news over the phone [same as in film 19/2].

2. Computer imaging lab. Various shots.

3. 167 science meeting. Carolyn Porco talking on rings.

Others (Smith, Stone, Miner, Lane et al) also talk.

4. Inside the sound booth in auditorium for a press conference (Bridges, Borst).

5. Press conference in von Kármán Auditorium with Ed Stone and Brad Smith.

6. Press conference Q & A. Shots of Ed Stone and Brad Smith at podium and seated (@ 23:30 good).

7. Press room auditorium. Shots of news people and PIO desk.

Audience: Resource Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 4:30, 128T22M)

03/09/1990 - 0:29:50

AVC-1990-128-24/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #9

Film to tape transfer

1. Press room auditorium, various shots around the room.

2. Photo meeting with the imaging team.

3. Science meeting starts closeups, no sound.. Press conference in auditorium with Norm Haynes.

Shots of IMAX.

Audience: Resource Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

(old designation- Hour 5:00, 128T24M)

03/09/1990 - 0:29:48

AVC-1990-128-25/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #10

Film to tape transfer

Audio 1: Mono mix 2: Mono mix
(old designation- Hour 6:30, 128T27M)
03/09/1990 - 0:29:00

AVC-1990-128-28/28 Voyager Film Rawstock Footage - Voyager 2/Neptune tape #13

Film to tape transfer

1. Press conference in von Kármán Auditorium with men at podium; Andy Ingersoll, Norm Haynes, Ed Stone, Brad Smith and another.

Audience: Resource Site: JPL

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix
(old designation- Hour 7:00, 128T28M)
03/09/1990 - 0:16:41

AVC-1990-130-1/2 Ulysses Spacecraft Press Briefing

From Kennedy Space Center

George Diller - Commentator

John Conway - KSC Dir. Payload

Peter Wenzel - ESA Ulysses Project

Willis Meeks - JPL Ulysses Project MGR.

Derek Eaton - ESA Ulysses Project MGR.

Bruce Melnick -Mission Specialist and Thomas Akers

NOTE: Program starts 8:00 Min. into tape.

Audience:

Client:

Master: M-II Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix
06/26/1990 - 1:00:00

AVC-1990-130-2/2 Ulysses Spacecraft Press Briefing

From Kennedy Space Center

George Diller - Commentator

John Conway - KSC Dir. Payload

Peter Wenzel - ESA Ulysses Project

Willis Meeks - JPL Ulysses Project MGR.

Derek Eaton - ESA Ulysses Project MGR.

Bruce Melnick -Mission Specialist and Thomas Akers

NOTE: Program starts 8:00 Min. into tape.

Audience:

Client:

Master: M-II Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix
06/26/1990 - 0:32:00

- AVC-1990-131-1/1 **Magellan Model Set-up News Release Footage**
Raw footage, loosely edited, shot in the JPL Mall.
Audience:
Client: PIO/Jim Doyle, Org. 181
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
06/26/1990 - 0:06:31 Producer: Lawson
- AVC-1990-132-1/1 **Hubble Space Telescope Press Conference**
Goddard Space Flight Center
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
06/27/1990 - 1:10:00
- AVC-1990-134-1/1 **NASA Press Conference**
Briefing on trouble with the Shuttles and the Hubble Space Telescope.
Richard Truly, Dr. Lennard Fisk and Dr. William Lenoir at headquarters - NASA Select
Audience:
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/02/1990 - 1:13:00
- AVC-1990-135-1/2 **STS-31 Mission Highlights Resource Tape**
Highlights of STS 31 Mission which included launch of the Hubble Space Telescope. Highlights also have launch, deployment and landing of shuttle.
Umatic copy sent from JSC.
Audience: Site: JSC
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
06/21/1990 - 0:55:00
- AVC-1990-135-2/2 **STS-31 Mission Highlights Resource Tape - inflight Press Briefing**
inflight Press Briefing with STS-31 Astronauts regarding the mission to deploy the Hubble Space Telescope. Briefing originates from JSC.
Umatic copy of a JSC Production
Audience: Site: JSC
Client:
Master: 3/4"

Audio 1: Mono mix 2: Mono mix
06/21/1990 - 0:27:00

AVC-1990-136-1/1

Magellan to Venus

Cell Animation, Narrated with Music for Press Release.
Shows approach, orbit insertion and mapping sequences.

Audience:

Client: PIO, Jim Doyle

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

07/09/1990 - 0:03:35 Producer: Inova, Lawson, Savon

AVC-1990-138-1/1

Planetary Rover Program

A polished documentary intended to show the successes achieved and progress to be made in robotic space exploration. The rover's sophistication is demonstrated by an exercise in semi-autonomous navigation which occurs on a rocky canyon floor. Tape includes explanation of project and interviews with key personnel.

Audience: Gen.

Client: G. Varsi/R. Bedard

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

07/12/1990 - 0:10:00 Producer: Savona

AVC-1990-142-1/1

15th Apollo/Soyuz Celebration

VTV-151

Fred Boen, Manager NASA Resident Office and Dr. Lew Allen present plaques to members of the Apollo/Soyuz crew at JPL in the Mall Area.

Audience:

Client:

Master: M-II

Audio 1: Mono mix 2: Mono mix

07/19/1990 - 0:28:00

AVC-1990-146-1/1

Ulysses, A Solar Odyssey

VTV-163

Film-to-tape transfer of a Media Four production by Charles Finance about the Ulysses Mission to the Sun. The pre-launch production uses graphics, animation and live footage describes how Ulysses will use the gravity of Jupiter to lift it out of the ecliptic plane into polar orbit around the Sun to study the Heliosphere and probe the corona. Other objectives shown include: Solar wind, magnetic fields, cosmic rays and solar flares.

Audience: Gen.

Site: JPL

Client: PIL, Org. 180

Master: 1"C Submaster: 1"C
Audio 1: mono-mix 2: mono-mix
07/23/1990 - 0:11:33 Producer: Media Four

AVC-1990-147-1/1 **Magellan Press Conference**
Taped in von Kármán Auditorium. Participants: Tony
Spear, Gordon Rendingill, Steve Saunders
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/26/1990 - 1:00:00 Producer: Savona

AVC-1990-148-1/1 **Ulysses Spacecraft IUS Mate Activities Press Release**
NASA Select - Kennedy Space Center
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
07/31/1990 - 0:05:00

AVC-1990-151-1/1 **Magellan: At Venus Report**
Guest: Stephen Saunders (15:00)
Guest: Cheick Diarra (15:00)
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/06/1990 - 0:30:00 Producer: Bridges

AVC-1990-152-1/2 **Magellan Press Conference**
Speakers: Dr. Wesley T. Huntress Jr., Anthony Spear, Ken
Ledbetter, Dr. William T. Johnson, Dr. John McCarthy, Dr. R.
Stephen Saunders
Audience:
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/09/1990 - 1:30:00 Producer: Savona

AVC-1990-152-2/2 **Magellan Press Conference**
Speakers: Dr. Wesley T. Huntress Jr., Anthony Spear, Ken
Ledbetter, Dr. William T. Johnson, Dr. John McCarthy, Dr. R.
Stephen Saunders
Audience:
Client:

Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/09/1990 - 0:25:00 Producer: Savona

AVC-1990-153-1/2 **Magellan: At Venus Report**
Guests: Douglas G. Griffith, W.T. Johnson, John
Slonski, Keith Hamlyn
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/10/1990 - 1:30:00 Producer: Bridges

AVC-1990-153-2/2 **Magellan: At Venus Report**
Guests: Douglas G. Griffith, W.T. Johnson, John
Slonski, Keith Hamlyn
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/10/1990 - 1:00:00 Producer: Bridges

AVC-1990-154-1/1 **Magellan Press Conference**
Speakers: Bob Mac Millan, Dr. A. Fisk, J. Spear, F.
Scott, Dr. McNamee, M. Hamlyn, Ken Ledbetter
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/10/1990 - 0:51:00 Producer: Savona

AVC-1990-157-1/1 **Magellan Press Conference**
Speakers: A. Spear, Chris Jones, Jim Marr, Betsy
Marlowe, Ray Morris, K. Bouvier
Audience:
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
08/17/1990 - 0:46:00 Producer: Savona

AVC-1990-159-1/1 **Magellan: At Venus Press Conference**
Speakers: A. Spear, John Slonski, William Johnson, Steve
Saunders
Audience:
Client:
Master: M-II Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix
08/21/1990 - 1:15:00 Producer: Bridges

AVC-1990-160-1/1 **Magellan: At Venus Report**
A.J. Spear
8/15/90 - 15:00
David Okerson
8/22/90 - 15:00
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/15/1990 - 0:30:00 Producer: Bridges

AVC-1990-163-1/1 **Magellan Radar Calibration Test Preliminary Results**
NOTE: Description log 90-163.AVC.
Also included in AVC-90-180, COLLECTION OF RESULTS.
Audience:
Client: Eric De Jong
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1990 - 0:03:39 Producer: Savona

AVC-1990-164-1/1 **Magellan: At Venus Press Conference**
VTV-158
Speakers: A.J. Spear, R.S. Saunders, J.P. Slonski,
J.F. McKinney, R.K. Raney.
Mixed Audio
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1990 - 1:10:00 Producer: Savona

AVC-1990-167-1/1 **Magellan: At Venus Report**
R.S. Saunders - 8/29/90 - 15:00
Audience:
Client: Jim Head
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/05/1990 - 0:19:00 Producer: Bridges

AVC-1990-175-1/1 **Ulysses Press Briefing**
FROM KSC
Audience:
Client:
Master: 3/4"

Audio 1: Mono mix 2: Mono mix
09/13/1990 - 0:45:00

AVC-1990-176-1/1 **Magellan: At Venus Report**
Client: Magellan project/PIO (Bridges)
R.S. Saunders - 9/12/90 - 15:00
William Johnson - 9/19/90 - 15:00
Audience:
Client:
Master: 3/4" Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
/ / - 0:00:00 Producer: (Bridges)

AVC-1990-179-1/1 **Magellan Radar Calibration Test Preliminary Results**
NOTE: Also included in AVC-90-180, COLLECTION OF RESULTS.
Audience:
Client:
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/25/1990 - 0:02:30

AVC-1990-180-1/1 **Collection of Results from Magellan Radar Calibration Tests**
Simulated color was used to approximate hues which might be seen by the human eye, based on color images recorded by the Venera 13 and 14 spacecrafts. A mosaic of images from selected orbits was used to create the animation sequences.
AVC-1991-031: The first sequence begins with a black and white globe of Venus, created using a combination of Pioneer Venus Orbiter and Venera 15/16 data. It continues with a simulated flight over the northern polar region, concentrating on Ishtar and Maxwell. High resolution Magellan data is displayed in color on top of the data from the earlier mission.
AVC-1990-179: The Second 2½ minute video sequence consisted of four short scenes: (1) a globe of Venus,(2) Golubkina Crater, (3) pan north from 4 degrees south latitude, (4) pan north from 1 degree north.
AVC-1990-163: The third 3½ minute video sequence consists of twelve short scenes. The first eleven scenes pan north to south, from 60 degrees north latitude to 20 degrees north latitude. The last field rendered scene pans south to north, from 20 degrees north to about 24 degrees north, at approximately 287 degrees east longitude.
Audience:
Client: Eric De Jong

Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
11/16/1990 - 0:09:12 Producer: Savona

AVC-1990-181-1/1 **Magellan: At Venus Press Conference**
Speakers: R. S. Saunders, John Slonski, G. H. Pettengill, J.W.
Head, R. Piereson
Audience:
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
09/25/1990 - 1:33:00 Producer: Bridges

AVC-1990-182-1/1 **And Then There Was Voyager**
VTV-170
Polished production of NASA's legendary grand tour
of the outer solar system. The video takes the viewer from
the mission's conception in the early 1970's, through each
of the spacecraft's stunning encounters of Jupiter, Saturn,
Uranus and Neptune, and on to what may lie ahead for the
probes as they search for the heliopause. Told in the words
of key members of the Voyager team.
Audience: Gen. Site: JPL &
Client: PIO/Voyager Project, Org. 181
Master: 3/4" Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/25/1990 - 0:30:19 Producer: Hardin

AVC-1990-184-1/1 **Planetary Rover Milestone**
A technical video showing results of a 100 meter test.
Ch.1: Narration; Ch.2: Effects
Audience:
Client: R. Bedard/A. Mishkin (Ino
Master: 1"C Submaster: 3/4"
Audio 1: Narration 2: Effects
09/26/1990 - 0:02:00 Producer: Inova

AVC-1990-185-1/1 **Ulysses Pre-launch Press Release**
Clips taken from the movie "Ulysses: A Solar Odyssey and
edited together for a press release.
Silent
Audience:
Client: Frank O'Donnell/PIO
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/27/1990 - 0:04:44 Producer: Savona

AVC-1991-004-1/1 **Magellan at Venus: "Brown University Perspective"**
Speakers: James Head, Steve Saunders, Ellen Stofan, Sue Smrekar, Jeff Plaut.
A three-camera videotaping in the TV studio
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/03/1990 - 0:22:00 Producer: Bridges

AVC-1991-005-1/1 **Magellan: At Venus Report**
Magellan: At Venus Report
9/26/90 - Ken Ledbetter
10/3/90 - Dr. J. Wood
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
/ / - 0:30:00 Producer: Bridges

AVC-1991-006-1/1 **Voyager Colby Films Launch Video**
Voyager I & II Stock Footage at the Cape
Given to Mary Hardin/PIO from National Archives
Launches includes Gold record installation on
Spacecraft.
Audience:
Client:
Master: 1"C
Audio 1: Silent 2: Silent
10/03/1990 - 0:20:00

AVC-1991-007-1/1 **Ulysses Pre-launch Press Conference**
VTV-164
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/04/1990 - 0:47:00

AVC-1991-008-1/1 **Ulysses Post Deployment Press Conference**
Willis Meeks, Demek Eaton, Dr. Edgar Page
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
10/06/1990 - 0:17:00

- AVC-1991-009-1/1 **STS-41 Highlights**
 Shuttle Launch, Ulysses Deployment, and Shuttle Landing
 Audience:
 Client:
 Master: M-II Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/10/1990 - 0:29:00
- AVC-1991-014-1/1 **Ulysses the Movie (ESA)**
 VTV-166 July 1990 - 30:00
 Tape-to-tape Transfer
 Audience:
 Client:
 Master: 1"C Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 / / - 0:30:00
- AVC-1991-016-1/1 **Magellan: At Venus Report**
 Prof. R. Arvidson
 10/10/90 - 15:00
 Dr. McGill
 10/17/90 - 15:00
 Audience:
 Client:
 Master: M-II Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 10/17/1990 - 0:30:00 Producer: Bridges
- AVC-1991-017-1/1 **Neptune's Great Dark Spot**
 Kida Vortex Model
 An edited video of the Great Dark Spot in Motion.
 Audience:
 Client: Eric De Jong
 Master: 1"C Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 10/17/1990 - 0:01:08 Producer: Savona
- AVC-1991-018-1/1 **Radar Images of Asteroid 1989 PB**
 An edited video of radar changes of Asteroid 1989 PB in
 motion.
 Audience: Resource
 Client: Eric De Jong
 Master: 1"C Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 10/17/1990 - 0:02:08 Producer: Savona

- AVC-1991-019-1/1 **CRAF Spacecraft Rendezvous with Comet - Kopff**
 From National Aeronautics and Space Administration
 Visual Communications Lab
 NASA Johnson Space Center
 Audience:
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 10/11/1990 - 0:02:00
- AVC-1991-023-1/1 **Magellan: At Venus Report**
 10/24/90 - 15:00
 Dr. Stofan
 10/31/90 - 15:00
 Dr. Basilevsky
 Audience:
 Client:
 Master: M-II Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 10/31/1990 - 0:30:00 Producer: Bridges
- AVC-1991-029-1/1 **Magellan: At Venus Report**
 Speaker: Dr. Saunders
 11/7/90 - 15:00
 Speaker: J.P. Slonski
 11/14/90 - 15:00
 Audience:
 Client:
 Master: M-II Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 11/07/1990 - 0:30:00 Producer: Bridges
- AVC-1991-030-1/1 **Magellan: At Venus Report**
 Guests: Dr. Saunders, Dr. Peter G. Ford, Dr. Gordon
 Pettengill, Dr. Alexander Basilevsky
 Audience:
 Client:
 Master: M-II Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 11/21/1990 - 0:30:00 Producer: Bridges
- AVC-1991-031-1/1 **Magellan Radar Engineering Test, Preliminary Results**
 Stereo Music
 Audience:
 Client:

Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/16/1990 - 0:02:43 Producer: Savona

AVC-1991-032-1/2 **Magellan Venus Press Conference**
Speakers: A.J. Spear, R.S. Saunders, G.H. Pettengill, R.
Arvidson, S. Solomon
Audience:
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
11/16/1990 - 1:30:00 Producer: Savona

AVC-1991-032-2/2 **Magellan Venus Press Conference**
Speakers: A.J. Spear, R.S. Saunders, G.H. Pettengill, R.
Arvidson, S. Solomon
Audience:
Client:
Master: M-II Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
11/16/1990 - 0:10:00 Producer: Savona

AVC-1991-036-1/1 **Atmosphere of Venus**
Preliminary Results developed by the Solar System
Visualization Project and the Galileo Imaging Team
Four video sequences were created to show the atmosphere of
Venus as seen through the violet filter of the Galileo Solid
State Imaging System. The Images were taken over
several-days period following the Venus flyby on February
10, 1990.
Description sheet: 91-180.AVC
Audience: Resource
Client: Eric De Jong
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/29/1990 - 0:02:18 Producer: Savona

AVC-1991-037-1/2 **Galileo Press Conference**
A four-camera videotaping in von Kármán Auditorium.
Speakers: William J. O'Neil, Dr. Torrence V. Johnson, Dr.
Michael J. S. Belton, Dr. Robert W. Carlson, Dr. Margaret G.
Kivelson, Dr. Louis W. Frank, and Dr. Donald Gurnett.
Audience: News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix

11/29/1990 - 1:30:00 Producer: Savona

AVC-1991-037-2/2

Galileo Press Conference

Part 2 of 2.

Audience: News

Client:

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

11/29/1990 - 0:29:00 Producer: Savona

AVC-1991-038-1/1
VTV-175

STS-41 Post Flight Press Conference From JSC

November 1990

Audience:

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

11/30/1990 - 0:21:30

AVC-1991-039-1/1

The Third Step to Jupiter

An edited production for Earth 1 Encounter Press Release. This program uses computer animation to illustrate a technique called gravity-assist as performed by the Galileo spacecraft when it passed near Earth in December 1990.

Audience: Gen.

Client: Maynard Hine

Master: 1"C Submaster: 1"C

Audio 1: Narration 2: Effects

12/07/1990 - 0:04:45 Producer: Savona

AVC-1991-040-1/1

Galileo at Earth 1 Report

A live show to NASA select describing Galileo's Earth 1 Encounter

Guests: William O'Neil, Torrence Johnson, Neal Ausman

Audience:

Client: Rich Terrile

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/08/1990 - 0:25:00 Producer: Savona

AVC-1991-041-1/1

Galileo at Earth 1 Report

A live show to NASA select describing Galileo's Earth 1 Encounter

Guests: Karen Buxbaum, Louis Frank, Christopher Russell, Louis D'Amario, James Head, Thomas McCord, Reed

Thompson, Robert Carlson
Audience:
Client: Rich Terrile
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/08/1990 - 1:00:00 Producer: Stealey

AVC-1991-042-1/1 **Galileo Press Briefing**
Speakers: Wesley Huntress, William O'Neil, Neal
Ausman, Torrence Johnson, Clayne Yeates
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/08/1990 - 1:07:00 Producer: Savona

AVC-1991-043-1/1 **Galileo at Earth 1 Report**
A live show to NASA select describing Galileo's Earth 1
Encounter
Host: Rich Terrile
Guests: Carl Sagan, Andy Ingersoll, William O'Neil, Torrence
Johnson
Audience:
Client: Rich Terrile
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/08/1990 - 0:30:00 Producer: Savona

AVC-1991-044-1/1 **Galileo at Earth 1 Report**
A live show to NASA select describing Galileo's Earth 1
Encounter
Host: Rich Terrile
Guests: Torrence Johnson, Louis Frank, James Head
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/10/1990 - 0:30:00 Producer: Savona

AVC-1991-045-1/1 **Galileo at Earth 1 Report**
A live show to NASA select describing Galileo's Earth 1
Encounter
Host: Rich Terrile
Guests: Torrence Johnson, Clark Chapman, Andy Ingersoll
Audience:
Client: Rich Terrile

Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/13/1990 - 0:28:00 Producer: Savona

AVC-1991-046-1/1 **Magellan: At Venus Report**

Magellan: At Venus Report

J.W. Head

11/28/90 - 15:00

Tim Parker

12/5/90 - 15:00

Cathy Weitz

Audience:

Client:

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/12/1990 - 0:15:00 Producer: Bridges

AVC-1991-056-1/1 **The Galileo Earth-Moon 1 Encounter**

VTV-181

Earth rotation - 2:16, A movie made from a sequence of images taken by the Galileo spacecraft of the Earth over a 25 hour period on December 11, 1990. Moon rotation - 1:35, The globe in this movie is made up of airbrush maps of Lunar Orbiter and Apollo images. Galileo color visualization images are superposed on the globe.

Music Only.

Audience: Gen.

Site: JPL

Client: Eric De Jong

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/19/1990 - 0:03:51 Producer: Savona

AVC-1991-057-1/2 **Galileo Earth-Moon 1 Encounter Press Briefing**

A four-camera videotaping in von Kármán Auditorium of post encounter press briefing.

Speakers: O'Neil, Johnson, Kivelson, Frank, Kurth, Carlson, Mc Cord, Belton, Head, Chapman

Tape 1 of 2

Audience:

Client:

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/19/1990 - 1:30:00 Producer: Savona

AVC-1991-057-2/2 **Galileo Earth-Moon 1 Encounter Press Briefing**

A four-camera videotaping in von Kármán Auditorium of post encounter press briefing.

Speakers: Chapman and Q & A
Tape 2 of 2
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/19/1990 - 0:44:00 Producer: Savona

AVC-1991-058-1/1 **Galileo: Earth Spin Movie New Version**

Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
12/20/1990 - 0:02:48 Producer: Stealey

AVC-1991-060-1/1 **Voyage to the Outer Planets**

Computer animation of Voyager data set to music;
Jupiter, Saturn, Uranus, and Neptune.
Audience: Gen.
Client: William Kosmann
Master: 1"C Submaster: 1"C
Audio 1: Mono Mix 2: Mono Mix
01/04/1991 - 0:02:48 Producer: Stealey/Inova

AVC-1991-061-1/1 **JPL End Logo 1991/Stars in Motion**

JPL end logos over Starfield. Many cuts with and
without reflections in JPL logo.
Audience: JPL
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
01/04/1991 - 1:22:00 Producer: Stealey

AVC-1991-063-1/1 **AAM The Movie**

Atmospheric Angular Momentum Fluctuations occurring in the
UCLA General Circulation Model
Audience: JPL
Client: Steve Marcus, Org. 3350
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
01/08/1991 - 0:07:53 Producer: Stealey

AVC-1991-064-1/1 **Galileo Earth 1 Report Highlights Tape**

Highlights of Galileo Earth 1 Reports from Galileo Earth 1
Encounter of 12/8/90. This is an abbreviated account of the
reports for replay on the day after closest approach.

Audience: Gen.
Client: Maynard Hine
Master: M-II
Audio 1: Mono mix 2: Mono mix
01/08/1991 - 0:30:00 Producer: Stealey

AVC-1991-077-1/1 **Magellan: At Venus Report**
Dr. Saunders and Eric De Jong
1/9/91 - 15:00 (Savona)
Dr. Goldstein and Annette deCharon
1/16/91 - 15:00 (Savona)
Dr. Stofan
1/23/91 - 15:00 (Stealey)
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
01/23/1991 - 0:15:00

AVC-1991-081-1/1 **Magellan: At Venus Report**
Magellan: At Venus Report
1/30/91 - Steve Saunders
2/6/91 - Tony Spear
2/13/91 - John Guest
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
01/30/1991 - 0:45:00 Producer: Savona

AVC-1991-091-1/1 **Collection of Magellan Venus Radar Mapping Results**
VTV-205
Developed by the Solar System Visualization Project
and the Magellan Science Team.
Collection of Magellan releases:
SEQUENCE 1: GLOBAL GRAVITY MAP & FINAL BREAKUP
ANIMATION
(Released October 6, 1994 - 3:30 - AVC-95-012)
SEQUENCE 2: UPPER ATMOSPHERE COMPOSITION AND O-CO2
RADIATIVE COOLING
(Released August 10, 1993 - 2:22 - AVC-93-191)
SEQUENCE 3: AEROBRAKING TO CIRCULAR ORBIT
(Released August 10, 1993 - 1:53 - AVC-93-191)
SEQUENCE 4: DIONE REGIO, BETA & ATLA REGIO, OVDA REGIO
(Released May 26, 1993 - 7:37 - AVC-93-158)
SEQUENCE 5: ATLA REGIO
(Released April 22, 1992 - 2:37 - AVC-92-105)

SEQUENCE 6: ARTEMIS

(Released October 29, 1991 - 3:15 - AVC-92-024)

SEQUENCE 7: ALPHA REGIO

(Released May 29, 1991 - 2:25 - AVC-91-122)

SEQUENCE 8: WESTERN EISTLA REGIO

(Released March 5, 1991 - 2:36 - AVC-91-092)

SEQUENCE 9: WESTERN ISHTAR REGIO

(Released November 16, 1990 - 2:43 - AVC-91-031)

Computer animation techniques create four simulated flights over the surface of Venus. The four video sequences use radar mapping data recorded by the Magellan spacecraft during September-February 1991.

Simulated color approximates hues which might be seen by the human eye, based on color images recorded by the Venera 13 and 14 spacecraft. The vertical scale in the simulated flights is exaggerated by a factor of 22.5.

Four mosaics of images from selected orbits were used to create the animation sequences. The first sequence begins with a global view of Venus. It continues with a simulated flight over Artemis corona, and into the deep chasms of eastern Aphrodite Terra. The second sequence begins with a view of three craters (Howe, Danilova, Aglaonice). We fly over the complex terrain of Alpha Regio and end with a view of Stuart crater.

The third sequence begins with a view of Sif Mons (a 1.2 mile high volcano). We fly over a rift valley, several impact craters, a corona, and Gula Mons (a 1.8 mile high volcano). The sequence ends with a North-East view of Eistla Regio. The fourth sequence begins with a view of a black and white globe of Venus, created using a combination of Pioneer Venus Orbiter and Venera 15/16 data. It continues with a simulated flight over the northern polar region, concentrating on Ishtar and Maxwell. High resolution Magellan data is displayed in color on top of the data from the earlier mission.

Audience: Gen. Site: Venus Data

Client: De Jong/C. Young

Master: 1"C Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

NOTE: DESCRIPTION SHEET AVAILABLE

10/06/1994 - 0:30:23 Producer: Gary W. Savona

AVC-1991-092-1/1

Western Eishtla Regio

DESCRIPTION SHEET: Included in 91-091.AVC

Audience:

Client: Magellan/Eric De Jong

Master: 1"C Submaster: M-II
Audio 1: Music only 2: Music Only
03/05/1991 - 0:02:36 Producer: Savona

AVC-1991-093-1/1 **Magellan Science Briefing**
VTV-190 A four-camera videotaping in von Kármán Auditorium
for Press and NASA Select
Audio Mixed
Audience:
Client: Carolynn Young
Master: M-II Submaster: 1"C
Audio 1: Mono Mix 2: Mono mix
03/05/1991 - 1:09:00 Producer: Savona

AVC-1991-094-1/1 **Magellan at Venus Report**
2/20/91 - SCHABER (Savona)
2/27/91 - LEDBETTER (Savona)
3/6/91 - De CHARON (Savona)
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
03/06/1991 - 0:45:00

AVC-1991-100-1/1 **Monterey The Bay**
This computer-generated animation was produced to
demonstrate the fusion and visualization of multiple
geophysical datasets.
Audience: Gen.
Client: Kevin Hussey/Watson
Master: 1"C Submaster: BCAMsp
Audio 1: Narration 2: Effects
03/13/1991 - 0:04:52 Producer: Savona

AVC-1991-101-1/1 **SIRTF - The Space Infrared Telescope Facility**
VTV-192 Introduction to Infrared Astronomy using Infrared
telescope in Space, description of SIRTF mission,
Note: Renamed "The Spitzer Space Telescope"
Audience: Gen.
Client: Mary Hardin, PIO
Master: 1"C Submaster: 1"C
Audio 1: Narration 2: Music & Ef
03/18/1991 - 0:06:50 Producer: Stealey

AVC-1991-104-1/1 **Firefly**
A roll of field tests on Mojave. Firefly uses an

infrared detection to locate forest flies from the air. A PIO release to the media containing raw footage and an interview w/David Nichols.

Needs shot meet

Audience:

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

03/29/1991 - 0:17:35

- AVC-1991-105-1/1 **JPL Special Program and Outreach Activities**
An edited program show casing several JPL volunteer and outreach programs
Audience:
Client: Michael Chilicki
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/02/1991 - 0:14:38 Producer: Stealey
- AVC-1991-108-1/1 **Magellan: At Venus Report**
Jason Hyon
3/13/91
Dr. Basllevsky
3/20/91
Dr. Bindschadler
3/27/91
Audience:
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
03/27/1991 - 0:45:00
- AVC-1991-113-1/1 **Magellan: At Venus Report**
Dr. B. Banerdt
4/3/91
Dr. S. Soloman
4/10/91
Dr. J. Plaut
4/17/91
Audience:
Client:
Master: 1"C Submaster: M-II
Audio 1: Mono mix 2: Mono mix
04/17/1991 - 0:45:00
- AVC-1991-116-1/1 **Galileo High Gain Antenna Analysis**

This video program uses computer animation to simulate what may have happened to the Galileo High Gain Antenna to restrict its deployment.

Audience: Gen.

Client: Hoppy Price

Master: 1"C Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

04/25/1991 - 0:05:11 Producer: Stealey

AVC-1991-118-1/1 **Magellan: At Venus Report**

4/24/91 - Slonski

5/1/91 - Saunders

5/8/91 - Senshe, Dr. Phillips

Audience:

Client:

Master: 1"C Submaster: M-II

Audio 1: Mono mix 2: Mono mix

05/08/1991 - 0:45:00 Producer: Stealey

AVC-1991-119-1/1 **Magellan: At Venus Report**

Tony Spear

May 15, 1991

Audience:

Client:

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

/ / - 0:15:00 Producer: Savona

AVC-1991-120-1/1 **Magellan Reprise Summary Tape**

Opening titles and closing titles for all the Magellan at Venus Reports also a brief 4 minutes and 20 second history of the Magellan mission as told by some of the scientists and Engineers who were involved with music

Audience: Resource

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

05/15/1991 - 0:04:40 Producer: Semerano

AVC-1991-122-1/1 **Alpha Regio**

Included In AVC-91-091 Collection

Animation sequence of Magellan Data. The following computer animation creates a simulated flight over the Northwestern Portion of Lavinia Planitia and Alpha Regio. The sequence ends with a view of Stuart crater.

Description Sheet: Included in AVC-91-091

Audience:
Client: Magellan/Eric De Jong
Master: 1"C
Audio 1: Music Only 2: Music Only
05/29/1991 - 0:02:26 Producer: Savona

AVC-1991-123-1/1 **Magellan Press Conference at NASA Headquarters**
Guests: Steve Saunders, Tom Thompson, Gordon Pettengill,
James Head, Wesley Huntress
Audience:
Client:
Master:
Audio 1: Mono mix 2: Mono mix
05/29/1991 - 1:10:00

AVC-1991-125-1/1 **Spaceflight Operations Facility 1991 Version**
VTV-206 Updated & reedited SFOF program this program is an
updated version of AVC-063-88
Audience:
Client: Ben Toxoshima
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/07/1991 - 0:06:45 Producer: Inova/Stealey

AVC-1991-133-1/1 **Geological Tour of Central Wyoming Basins**
A computer-generated animation of a flyover of Central
Wyoming taken from landsat satellite data.
Audience:
Client: Steven Adams
Master: 1"C
Audio 1: Mono mix 2: Mono mix
06/25/1991 - 0:03:09 Producer: Savona

AVC-1991-136-1/3 **Solar Eclipse - July 1991**
VTV-207 The July 11, 1991 Solar Eclipse as seen in
Pasadena. 69% of the Solar disk was covered by the Moon.
Edited from live show in the TV studio documenting the
event.
Host: Willis Meeks
Guests: Joan Feynman and Bruce Tsurutani
Audience: Gen. Site: 186-Studio
Client: G. Alexander/NASA TV, Org. 180
Master: BCAMsp Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/11/1991 - 0:58:00 Producer: Stealey

- AVC-1991-136-2/3 **Solar Eclipse - July 1991 - Iso tape 1 of 2**
 The July 11 1991 Solar Eclipse as seen in Pasadena. 69% of the Solar disk was covered by the Moon.
 10:14 a.m. - 11:44 a.m.
 Audience: Gen. Site: 186-Studio
 Client: G. Alexander/NASA TV, Org. 180
 Master: BCAMsp Submaster: M-II
 Audio 1: Silent 2:
 07/11/1991 - 0:30:00 Producer: Stealey
- AVC-1991-136-3/3 **Solar Eclipse - July 1991 - Iso tape 2 of 2**
 The July 11, 1991 Solar Eclipse as seen in Pasadena. 69% of the Solar disk was covered by the Moon.
 11:44 a.m. - 12:47
 Audience: Gen. Site: 186-Studio
 Client: G. Alexander/NASA TV, Org. 180
 Master: BCAMsp Submaster: M-II
 Audio 1: Silent 2:
 07/11/1991 - 1:03:00 Producer: Stealey
- AVC-1991-142-1/1 **Hubble's Wide Field/Planetary Camera**
 An edited production that uses various source tapes to briefly describe the Wide Field Planetary Camera and its discoveries.
 Audience: Gen.
 Client:
 Master: 1"C Submaster: 1"C
 Audio 1: Narration 2: Effects
 08/02/1991 - 0:03:57 Producer: Savona
- AVC-1991-143-1/1 **Observations Beyond the Human Senses**
 An edited production using existing video for the JPL Expo. Overviews the past, present, and future activities of the Observational Systems Division. Includes image processing, space missions, and Earth observing missions.
 Audience:
 Client: Kane Casani, Org. 380
 Master: 1"C
 Audio 1: Narration 2: Effects
 08/02/1991 - 0:08:55
- AVC-1991-150-1/1 **Tooth and Rocky: The Micro and Mini Rovers**
 A polished edited video production showing new miniature rover vehicles in operation at JPL.
 Audience: Press and NASA Managers.

Audience: Gen.
Client: PIO / Roger Bedard / Davi
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/09/1991 - 0:03:30 Producer: Savona

AVC-1991-151-1/1 **Lava Channels and Volcanic Domes on Venus**
"Magellan Science Seminar"
Three camera taping in vKA and live transmission to NASA Select.
Speaker: Steve Saunders
Audience:
Client: Carolynn Young, Org. 270
Master: 1"C Submaster: M-II
Audio 1: Mono mix 2: Mono mix
08/12/1991 - 0:36:00 Producer: Stealey

AVC-1991-152-1/1 **Revealing Venus**
Production on the Magellan radar mapping mission at Venus.
Produced by Martin Marietta
Audience:
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
05/01/1991 - 0:07:30

AVC-1991-155-1/1 **Magellan Press Conference**
(Note: missing video at first minute)
Audience:
Client: PIO
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/30/1991 - 0:30:00 Producer: Savona

AVC-1991-170-1/1 **DSN News Release Footage**
1. EAR ON THE UNIVERSE (4:20)
2. GOLDSTONE... THE ULTIMATE LONG DISTANCE COMMUNICATOR (3:27)
Two productions packaged together for release to the news media in conjunction with a Goldstone 30th anniversary press release. Taped via NASA Select from Hq.
Audience: News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix

09/30/1991 - 0:08:00

AVC-1992-001-1/1
VTV-221

Magellan: Mapping the Planet Venus

A documentary describing the Magellan mission and its discoveries to date. Features Dr. Stephen Saunders, Magellan Project Scientist. Animation showing how the Magellan spacecraft maps Venus with its radar. Still images depicting puzzling details. Flights over various regions including Alpha Regio, Eistla Regio and Artemis produced by the latest computer animation technology using the real digital data.

Audience: Gen.

Client: Carolynn Young, Org. 270

Master: 3/4" Submaster: 1"C

Audio 1: Stereo mix 2: Stereo mix

11/11/1991 - 0:09:09 Producer: Gary Savona

AVC-1992-006-1/1

Space VLBI: The Movies

Scan conversion of a computer animation. No audio.

Audience:

Client: Murphy & David Meier

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

10/04/1991 - 0:25:00

AVC-1992-015-1/1

Chapters in Aerospace History Interviews - Bud Schurmeier

A three-camera videotaping of interviews conducted by Dr. Albert Hibbs for the California Museum of Science and Industry, Aerospace Historical Committee.

Audience: Gen. News

Client: Shirley Thomas, CMSI

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

03/16/1991 - 1:27:00 Producer: Savona

AVC-1992-016-1/2

Chapters in Aerospace History Interviews - Bob Parks

A three-camera videotaping of interviews conducted by Dr. Albert Hibbs for the California Museum of Science and Industry, Aerospace Historical Committee.

Audience: Edu.

Client: Shirley Thomas, CMSI

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

03/16/1991 - 1:30:00 Producer: Savona

- AVC-1992-016-2/2 **Chapters in Aerospace History Interviews - Bob Parks**
A three-camera videotaping of interviews conducted by Dr. Albert Hibbs for the California Museum of Science and Industry, Aerospace Historical Committee.
Audience: Edu.
Client: Shirley Thomas, CMSI
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
03/16/1991 - 0:25:00 Producer: Savona
- AVC-1992-019-1/1 **Voyager at Heliosphere Press Release**
Computer animation showing the Voyagers crossing the Heliosphere. No audio. Resource footage.
Audience: Resource
Client: Mary Hardin, Org. PIO
Master: 1"C
Audio 1: Mono mix 2: Mono mix
10/21/1991 - 0:01:29
- AVC-1992-024-1/1 **ARTEMIS**
Scene 1:Magellan synthetic aperture radar mosaics from the first cycle of Magellan mapping are mapped onto a computer-simulated globe to create this sequence.
Scene 2:As the sequence continues the globe stops and we zoom into Artemis
Scene 3: We ascend for an overview and then travel east to Diana and Dali chasms.
Audience: News Resource
Client: Eric De Jong, Org. PIO
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/29/1991 - 0:03:16 Producer: Savona
- AVC-1992-026-1/1 **HAZBOT II**
Emergency Response Vehicle. An edited production documenting a test of a newly developed robot responding to a simulated chemical spill in building 183. Real time multi-camera views
with views through the robot's cameras.
Audience: Tech.
Client: Dr. Henry Stone, Org. 347
Master: 1"C Submaster: 3/4"
Audio 1: Mono mix 2: Mono mix
10/28/1991 - 0:09:38 Producer: Savona

AVC-1992-027-1/1 **Magellan Science Briefing**
Press conference from NASA Headquarters. Speakers: Wes Huntress, Steve Saunders, John Woods and Gordon Pettengill. Premiered the Artemis animation.
Audience: NASA News
Client:
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/29/1991 - 1:22:00

AVC-1992-029-1/1 **Galileo Gaspra Encounter Press Briefing**
A three-camera broadcast via NASA Select of a press conference updating the health of the Galileo spacecraft after its encounter with asteroid Gaspra. Speakers: William J. O'Neil, Neal E. Ausman, William E. Kieckhefer and Dr. Torrence V. Johnson. Animation depicting the encounter was released. Due to the high gain antenna problem, no images from the spacecraft were available at press time.
Audience: NASA News Resource
Client: PIO
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
10/29/1991 - 1:10:00 Producer: Savona

AVC-1992-030-1/1 **Radar: Search for Lost Civilizations**
Caltech's Centennial Symposium Lectures
Repeat of a talk given during the centennial. A three-camera videotaping in von Kármán Auditorium.
Speaker: Dr. Charles Elachi, Office of Space Science and Instruments. Spaceborne imaging radars, in conjunction with optical and infrared sensors, are being used to search for environmental and man-made features that will allow us to search for lost civilizations in the desert regions of the world.
Audience: Site: von Kármán
Client: Kay Ebersole, Org. 100
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
11/19/1901 - 0:51:00 Producer: Savona

AVC-1992-037-1/1 **Galileo Gaspra Encounter Post Press Briefing**
A four camera videotaping and live transmission from vKA. The first picture returned by the Galileo spacecraft as it approached the asteroid Gaspra on Oct. 29 is discussed. Participants are Dr. Wesley T. Huntress, Director of the

Solar System Exploration Division; William J. O'Neil,
Galileo Project Manager; Dr. Torrence V. Johnson, Project
Scientist; Dr. Michael J. S. Belton, Imaging Team Leader;
and Dr. Joseph Veverka, Imaging Team member.

Audience: Gen. Resource Site: von Kármán

Client: PIO

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

01/14/1991 - 1:16:00 Producer: Savona

AVC-1992-038-1/1

Impact Craters on Venus

Magellan Science Seminar A talk with slides by Dr. Gerald
Schaber, U.S. Geological Survey. A four-camera videotaping
in vKA live to NASA Select

Audience: NASA Resource

Client:Carolynn Young

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

11/18/1991 - 1:08:00 Producer: Savona

AVC-1992-043-1/1

Magellan's Discoveries at Venus: Mapping our Sister Planet

"Caltech's Centennial Symposium Lectures"

Dr. Sanders, Magellan Project Scientist.

Showed 46 slides of the Venusian surface and a videotape
depicting a flight over Artimis.

Repeat of a talk given during the Centennial.

Q&A at end.

Audience: Gen. Site: vKA

Client: M. Chahine, Org. 100

Master: M-II Submaster: 1"C

Audio 1: Mix 2: Mix

11/20/1991 - 0:42:00 Producer: Semerano

AVC-1992-045-1/1

Cyberspace and Virtual Reality

An edited production, presents the problems with and the
solutions for using VR systems. Includes
examples of the ESC, photovision and future VR
projects.

Audience: Gen.

Client: Brian Beckman

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/29/1991 - 0:16:34 Producer: Stealey

AVC-1992-049-1/1

JPL Year end Review

For inclusion in NASA Year end review show on NASA Select.

George Alexander narrates
Includes segments on Magellan, Galileo and Ulysses.
Audience: Site: JPL
Client: PAO/NASA Select, Org. 180
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/06/1991 - 0:42:00 Producer: Stealey

AVC-1992-052-1/1 **The Twisted Tale of Tessera: New Views from Magellan**

A three-camera videotaping live to NASA Select from von Kármán Auditorium of a talk by Annette V. deCharon, Magellan Project.
Audience: NASA Resource Site: von Kármán
Client:Carolynn Young
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/16/1991 - 0:41:00 Producer: Savona

AVC-1992-056-1/1 **The July 11, 1991 Total Eclipse As Seen From La Paz, Mexico**

Eight segments edited together show the Eclipse of the Sun as videotaped by dedicated amateurs and semi-professionals. Different filters and lenses are used by each to show a multitude of views. participants are interviewed at the end of the tape.
Audience: JPL Resource Site: Mexico
Client: Peter McClosky, Org. 183
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/10/1992 - 1:20:00 Producer: Semerano

AVC-1992-057-1/1 **Magellan Mission To Venus - Compilation**

Compilation of 3 videotapes:

AVC-92-001 - 9:09 Edited production "Magellan: Mapping the Planet Venus"

AVC-91-151 - 31:20 "Magellan Science Seminar" - Steve Saunders discussing lava channels and volcanic domes.

AVC-91-091 - 15:04 "Collection of Magellan Venus Mapping Results"

Audience: Gen. Resource
Client: Carolyn Young
Master: 1"C
Audio 1: Mono mix 2: Mono mix
05/04/1992 - 0:55:40

AVC-1992-058-1/1 **Plasma Wave Sounds**

Compilation of Voyager Updates (AVC-061-80, AVC-082-81, and

AVC-040-86) that dealt with plasma wave sounds. Fred Scarf discusses the sounds received by the Voyager spacecraft as it encountered the outer planets.
Audience: NASA Resource
Client: Gregg Hanchett, Org. 182
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
01/10/1992 - 0:35:00 Producer: Semerano

AVC-1992-063-1/1 **Ulysses' Encounter with Jupiter**
This pre-encounter production contains animated sequences explaining the purpose of the February 8, 1992, gravity-assist flyby and the science that will be gathered by the Ulysses spacecraft. Writer: Diane Ainsworth.
Narrated with stereo music.
Audience: Gen.
Client: B. Goldstein/E. Massey, Org. 280
Master: 1"C Submaster: 1"C
Audio 1: Stereo 2: Stereo
01/17/1992 - 0:05:00 Producer: Savona

AVC-1992-064-1/1 **Arctic Chlorine Monoxide Microwave Limb Sounder**
Release tape of a computer graphic sequence showing chlorine monoxide data taken January 1-12, 1992. The sequence is repeated four times. Made for a ozone depletion studies press conference on February 3, 1992.
Audience:
Client: PIO / Jim Wilson
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/31/1992 - 0:04:30 Producer: Hanchett

AVC-1992-065-1/1 **Eagle has landed: The Flight of Apollo 11 - 1969**
VTV-311 A documentary of Apollo 11, the historic first landing of men on the moon and their safe return to earth, from launch of the Saturn V Apollo vehicle on July 16, 1969, to the return of Astronauts Armstrong, Aldrin, and Collins to the Lunar Receiving Laboratory, NASA Manned Spacecraft Center.
Audience: Gen.
Client:
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix HQ-194
07/27/1969 - 0:28:30

AVC-1992-070-1/1 **Arctic Ozone Press Conference**

Audience: NASA
Client:
Master: M-II Submaster: BCAM
Audio 1: Mono mix 2: Mono mix
02/03/1992 - 1:09:40 Producer: NASA

AVC-1992-071-1/1 **Telerobotic Single and Dual-Arm Supervisory and Shared Control Tasks**

A shortened version of AVC-91-107. Selected segments edited together to suit a different audience.

Audience: Edu.
Client: Dr. Paul Backes
Master:
Audio 1: Mono mix 2: Mono mix
02/03/1992 - 0:03:00 Producer: Savona

AVC-1992-072-1/2 **Ulysses Jupiter Flyby Press Conference**

VTV-309

Participants: Mission Overview: Willis G. Meeks, JPL, Ulysses Project Manager (NASA); Mission Operations: Peter Beech, ESA Ulysses Operations Manager; Spacecraft Status: Derek Eaton, ESA, Ulysses Project Manager (ESA); In Ecliptic Science/Jupiter: Dr. Edward J. Smith, JPL, Project Scientist (NASA); In Ecliptic Science/Jupiter: Dr. Klaus-Peter Wenzel, ESA, Project Scientist (ESA). Principal Investigators: Magnetic fields

Audience:
Client: PIO
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
02/11/1992 - 1:30:00 Producer: Stealey

AVC-1992-072-2/2 **Ulysses Jupiter Flyby Press Conference**

Participants: Mission Overview: Willis G. Meeks, JPL, Ulysses Project Manager (NASA); Mission Operations: Peter Beech, ESA Ulysses Operations Manager; Spacecraft Status: Derek Eaton, ESA, Ulysses Project Manager (ESA); In Ecliptic Science/Jupiter: Dr. Edward J. Smith, JPL, Project Scientist (NASA); In Ecliptic Science/Jupiter: Dr. Klaus-Peter Wenzel, ESA, Project Scientist (ESA). Principal Investigators: Magnetic fields

Audience:
Client: PIO
Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix
02/11/1992 - 0:21:00 Producer: Stealey

AVC-1992-075-1/1 **TOPEX/Poseidon: A Mission to Planet Earth**
A lay person's guide to the US/French, TOPEX/Poseidon Mission that will chart and map the world's oceans. It contains a detailed description of the mission's objectives and benefits. Includes computer models of the ocean circulation and animation of the spacecraft in orbit.
Audience:
Client: PIO / TOPEX
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/01/1992 - 0:08:48 Producer: Hardin/Stealey

AVC-1992-077-1/1 **JPL 1991 Local-Remote Telerobot Control Development**
An edited production describing telerobotic technology elements being developed for possible integration into the Space Station Flight Program.
Audience:
Client: Wayne Zimmerman
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
02/17/1992 - 0:08:03 Producer: Savona

AVC-1992-078-1/1 **The Deep Space Network: The Ultimate Long Distance Connection**
Caltech's Centennial Symposium Lectures
Repeat of a JPL lecture held at Caltech. Three camera taping in von Kármán Aud. Leslie Deutsch discusses the Deep Space Network (DSN), its past and future uses in spacecraft communications.
Audience: Edu. JPL Site: von Kármán
Client: Kay Ebersole, Org. 100
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
02/20/1992 - 0:46:15 Producer: Stealey

AVC-1992-082-1/1 **Local-Remote Supervisory Control Telerobotics Technology**
An edited production showing ongoing development of an IRIS workstation operator interface for telerobotic technology.
Audience:
Client: Wayne Zimmerman
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix

02/25/1900 - 0:04:50 Producer: Savona

AVC-1992-088-1/1 **Trip Through the Solar System**
A collection of animations and real photographs on each of the nine planets and the Sun. Loosely edited. Intended for presenter to talk over. Originally mastered on 3/4".
Audience:
Client: Bill Kosman
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/03/1992 - 0:22:17 Producer: Stealey

AVC-1992-097-1/1 **A New Window into Space**
Film-to-tape transfer of JPL 593 a 1967 film on the Madrid Deep Space Network (DSN) antenna.
Audience: Gen.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JPL 593
03/14/1992 - 0:19:53 Producer: JPL

AVC-1992-105-1/1 **Western ATLA REGIO**
Computer animation made from Magellan Venus data.
Scene 1: Simulated flight over Western edge of Atlas Regio - North face of Maat Mars
Scene 2: High altitude view of Maat & Sapas
Scene 3: Flight around Western Sapas Mons
Complete Description Sheet 92-105.AVC.
Included in AVC-91-091
Audience:
Client:
Master: 1"C Submaster: M-II
Audio 1: Mono mix 2: Mono mix
04/22/1992 - 0:02:37

AVC-1992-109-1/1 **Magellan Press Conference**
VTV-340
Speakers: James Scott, Dr. Stephen Saunders, Dr. Gordon Pettengill, Dr. James Head
Audience: News Site: von Kármán
Client:Carolynn Young
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
04/22/1992 - 1:19:01 Producer: Savona

AVC-1992-110-1/1 **Cassini: Mission to the Ringed Planet**

- VTV-512 Press Release for the Upcoming Cassini
Mission to Saturn and Titan
Audience: JPL Site: JPL
Client: Frank O'Donnell, Org. 181
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
04/27/1994 - 0:07:02 Producer: Semerano
- AVC-1992-120-1/1 **Ear On The Universe**
Goldstone Set 1
Audience:
Client: Joan Zyda
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
03/02/1992 - 0:06:50
- AVC-1992-124-1/1 **Global Ozone Concentration Movies 1980-1990**
Developed by Solar System Visualization Project.
Computer animation techniques create five views of
the daily variation in the Earth's ozone
concentration from January 1, 1980 through December 31, 1990
as measured by the Nimbus 7 Total Ozone Mapping Spectrometer
(TOMS). TOMS collects 200,000 ozone measurements every day.
These individual measurements were averaged and mapped to
provide five different views of Earth's global ozone
concentration. In the first two segments the data is mapped
onto a globe. The globe's orientation
Audience:
Client: Eric De Jong
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/01/1992 - 0:19:12 Producer: Savona
- AVC-1992-125-1/1 **A Simulated Flight Over Mars' Candor Chasma**
A computer-generated flight over the Candor Chasma
area of the large Rift Valley in Valles Marineras.
Developed by the Solar System Visualization Project.
Audience: Resource
Client: Eric De Jong
Master: 1"C Submaster: 1"C
Audio 1: Music 2: Music
05/22/1992 - 0:00:50 Producer: Savona
- AVC-1992-127-1/1 **Transarabia Exped.: Space Technology & Discovery of Lost City of
Ubar**
- VTV-328 Caltech Management Association sponsored talk by

Dr. Charles Elachi and Dr. Ronald Blom. Gave a history of how the lost city of Ubar was discovered by remote sensing and a trans-Arabian expedition.

Audience: JPL Site: 186-Aud

Client: Caltech Management Assoc.

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

05/29/1992 - 1:10:00 Producer: Savona

AVC-1992-129-1/1 **Miniature Seeker Technology Integration - MSTI**

An edited production describing JPL's new low-cost mission of a satellite that uses off-the-shelf components and can be built in less than a year.

Audience:

Client: E. Kane Casani

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

05/28/1982 - 0:02:43 Producer: Savona

AVC-1992-130-1/1 **JPL EPD Telerobotics Program**

Mid Year Review/Status A demonstration video showing both local and remote site telerobotics as told by project staff members at their computer workstations.

Audience:

Client: Wayne Zimmerman

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

06/01/1992 - 0:08:32 Producer: Savona

AVC-1992-133-1/1 **Gaspra Topography**

A computer-generated animation providing a series of 3-dimensional perspective views of the surface of Gaspra.

Audience:

Client: Eric De Jong

Master: BCAM Submaster: BCAM

Audio 1: Mono mix 2: Mono mix

06/11/1992 - 0:00:57 Producer: Savona

AVC-1992-134-1/1 **Galileo "Gaspra" Press Conference**

VTV-330

A four-camera videotaping in von Kármán Auditorium.

Speakers: Dr. Joseph Veverka, Galileo Imaging Team member (Cornell University), William J. O'Neil (Galileo Project Manager), Dr. Leslie J. Deutsch (Manager of Technology Development, Tracking and Data Acquisition (JPL), Dr.

Torrance Johnson

(Galileo Project Scientist - JPL)

Audience: JPL Site: von Kármán
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/11/1992 - 1:10:00

AVC-1992-136-1/1
VTV-331

STS-49 Post Flight Press Conference

Endeavour's maiden space flight, STS-49, featured rendezvous, repair and reboost of a crippled communications satellite.

Crew: Daniel C. Brandenstein - Commander; Kevin P. Chilton - Pilot; Mission Specialists Bruce E. Melnick, Pierre J. Thuot, Richard J. Hieb, Kathryn C. Thornton, Thomas D. Akers.

Cargo Bay: Assembly of Station Methods (ASEM)
INTELSAT-VI Repair & Reboost Equipment; Middeck:
Commercial Protein Crystal Growth (CPCG)

Audience: News Site: Space

Client: NASA

Master: M-II

Audio 1: Mono mix 2: Mono mix

06/01/1992 - 0:22:35 Producer: JSC

AVC-1992-140-1/1

American Academy of Achievement Award

A short production summarizing the history of JPL with an introduction by Dr. Stone.

Narrated by George Alexander. The tape is for use in a ceremony honoring Dr. Stone.

Audience: JPL

Client: Phil Neurale

Master: M-II

Audio 1: Mono mix 2: Mono mix

06/18/1992 - 0:02:50 Producer: Semerano

AVC-1992-144-1/1

Magellan Science Seminar

Venusian Valleys and Channels

Speaker: Dr. Victor Baker, University of Arizona
3-camera videotaping

Audience: Site: von Kármán

Client:

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

06/24/1992 - 1:01:00 Producer: Stealey

AVC-1992-145-1/1

Rocky IV

An unrehearsed test conducted of the micro rover vehicle

called Rocky IV on June 24, 1992 in the Arroyo Seco wash.
The test shows NASA Managers current software technology
development for planetary micro rover vehicles.

Audience: Gen. Site: JPL Arroyo

Client: Giulio Varsi

Master: 1"C Submaster: 1"C

Audio 1: Narration 2: Effects

07/24/1992 - 0:04:54 Producer: Savona

AVC-1992-146-1/2 **Surveyor Silver Anniversary**

A three-camera videotaping in von Kármán Auditorium.
Speakers: Moustafa T. Chahine, Edward C. Stone, Eugene
Shoemaker, Ray J. Wall, David P. Miller, Arthur L. Lane,
Wesley T. Huntress, Jr., George Alexander, Joy Crisp,
William Kaiser

Audience: JPL Site: von Kármán

Client:

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

06/26/1992 - 1:30:00

AVC-1992-146-2/2 **Surveyor Silver Anniversary**

A three-camera videotaping in von Kármán Auditorium.
Speakers: Moustafa T. Chahine, Edward C. Stone, Eugene
Shoemaker, Ray J. Wall, David P. Miller, Arthur L. Lane,
Wesley T. Huntress, Jr., George Alexander, Joy Crisp,
William Kaiser

Audience: JPL Site: von Kármán

Client:

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

06/26/1992 - 0:37:00

AVC-1992-149-1/1 **From Surveyor to Galileo and Beyond**

An edited video of segments taken from Ranger 9,
Surveyor 7, Galileo Earth/Moon Rotation, New High
Resolution Earth and Mars.

Audience: Resource

Client: Eric De Jong

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/26/1992 - 0:04:28 Producer: Savona

AVC-1992-150-1/1 **Asteroid Series**

Four segments from "NASA Today" programs broadcast
during the month of May 1992.

The programs explore the efforts of scientists & engineers to track asteroids that may pose a threat

Audience:

Client:

Master: M-II Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/01/1992 - 0:16:00 Producer: Semerano

AVC-1992-152-1/1 **Summary of the Ranger VII, VIII and IX Television Pictures**

First close-up TV pictures of the Moon taken before impact on the Lunar surface by Ranger VII,

July 31, 1964; Ranger VIII, February 20, 1965; and Ranger IX, Mar 24, 1965.

Film Transfer 02/04/94 of JPL 693, B&W

Audience: Gen. Resource

Client: S. Bridges, Org. 182

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix JPL 693

03/24/1965 - 0:29:30

AVC-1992-164-1/1 **TOPEX/Poseidon Press Briefing**

Audience:

Client:

Master: M-II

Audio 1: Mono mix 2: Mono mix

07/29/1992 - 0:47:00

AVC-1992-165-1/1 **STS-50 Highlights Tape**

Dr. Eugene H. Trinh

Audience: NASA

Client: NASA

Master: M-II

Audio 1: Mono mix 2: Mono mix

08/03/1992 - 0:03:00 Producer: Stealey

AVC-1992-167-1/1 **TOPEX/Poseidon Press Release**

A one-camera shoot in various areas such as: The Control Room (SFOF), BLDG. 264, TOPEX/Poseidon animation

Audience: JPL

Client:

Master: M-II

Audio 1: Mono mix 2: Mono mix

08/10/1992 - 0:07:00 Producer: Stealey

AVC-1992-168-1/1 **TOPEX/Poseidon Launch**

VTV-338 Taped off the satellite originating from French Guiana. Arianspace V52 launch.
Audience: Gen. Resource
Client: NASA
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/10/1992 - 1:15:00 Producer: Arianspace

AVC-1992-169-1/1 **TOPEX/Poseidon Launch (Control Room, SFOF)**
Raw Footage Shots taken in the Control Room (SFOF), prior to TOPEX/Poseidon launch
Audience:
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/10/1992 - 0:45:00 Producer: Stealey

AVC-1992-170-1/1 **Venus Press Briefing (Magellan)**
VTV-343 A three-camera videotaping in von Kármán Auditorium. Speakers: Douglas Griffith, Dr. Steve Saunders, Dr. Thomas Donahue, Dr. Paul Steffes, Dr. James Head, Dr. David Sandwell, Dr. Ronald Greenley
Audience: JPL News Site: JPL von Kármán
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/11/1992 - 0:58:00 Producer: Savona

AVC-1992-171-1/1 **Auditorium shots of TOPEX/Poseidon Launch**
Random camera shots taken in the von Kármán Auditorium during the TOPEX/Poseidon Launch
Audience: JPL
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/10/1992 - 0:00:00 Producer: Stealey

AVC-1992-172-1/1 **Mars Observer Pre-Launch Press Release**
B Roll footage of assembly
Audience:
Client: Bob MacMillin
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/14/1992 - 0:04:30 Producer: Semerano

AVC-1992-173-1/1 **The Clouds of Venus - 1962**

Film - The story of Mariner II, the first spacecraft to fly by and report on the planet Venus.

Audience: Gen.

Client:

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix JPL 502

01/01/1962 - 0:29:23

AVC-1992-175-1/1 **Mars Observer Press Conference**

*Live from NASA headquarters

Audience: NASA News Resource

Client: NASA

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

08/19/1992 - 1:13:20

AVC-1992-181-1/1 **A Voyage to the Planets**

VTV-341

A visual flight through the solar system using Voyager, Magellan, Viking image data.

Audience: Gen.

Client: G. Alexander

Master: M-II Submaster: BCAMsp

Audio 1: Stereo mix 2: Stereo mix

08/27/1992 - 0:10:45 Producer: Stealey

AVC-1992-183-1/1 **Solar System Visualization Collection #1**

----International Space Year ----

Voyage to The Planets (10:45)

Galileo Earth/Moon Rotation Movies (3:50)

Galileo Gaspra Encounter (1:55)

Gaspra Topography (:57)

From Surveyor To Galileo & Beyond (4:28)

Mars Candor Chasma (1:00)

Voyager Science Summary (29:00)

Audience:

Client: Eric De Jong

Master: BCAMsp Submaster: 3/4"

Audio 1: Mono mix 2: Mono mix

08/31/1992 - 0:50:35 Producer: Semerano

AVC-1992-184-1/1 **Solar System Visualization Collection #2**

---- International Space Year ----

Solar System Visualization for DRD talk (4:00)

Voyager Retrospective (3:00)

Magellan: Mapping The Planet Venus (9:00)

Collection of Magellan Venus Radar Mapping Results

(15:04)
Galileo Earth Rotation Movie (2:16)
Global Ozone Concentration Movies (19:12)
Mars Candor Chasma (1:00)
Ulysses Encounter With Jupiter (5:00)
Audience:
Client: Eric De Jong
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono Mix 2: Mono Mix
08/31/1992 - 0:28:32 Producer: Semerano

AVC-1992-188-1/1 **SIR-C Time Lapse Through July 1993**
One phase of SIR-C's construction filmed by a time lapse camera over a period of days and transferred & edited to video tape.
Audience:
Client:
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/10/1993 - 0:08:45 Producer: Semerano

AVC-1992-191-1/1 **TOPEX/Poseidon V-52 Launch**
(Bruce Hayes has Master)
Audience:
Client: Bruce Hayes
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/10/1992 - 1:23:35

AVC-1992-193-1/1 **"Mapping the Martian World" -- The Mars Observer Mission**
VTV-346
Describes a global mapping mission of Mars using computer animation and interviews to tell the story.
Audience: Gen. Site: various
Client:Carolynn Young - M/O, Org. PIO
Master: 1"C Submaster: 1"C
Audio 1: Mix 2: Mix
09/10/1992 - 0:07:14 Producer: Savona

AVC-1992-194-1/1 **MEMEX**
A production based on the book "Powers of Ten" which illustrates the scale of objects found in the universe, from the largest galaxy to the tiniest atom.
Audience:
Client: Stephen Coles
Master: 1"C
Audio 1: Mono mix 2: Mono mix

03/01/1992 - 0:15:00 Producer: Semerano

AVC-1992-196-1/1 **Turning Night Into Day - From Orbit, The Spaceborne Imaging Radar-C**

VTV-345

--- S S O R C E ---

Project Manager, Michael J. Sander talks about SIR-C.

Audience: Gen. Site: 186-AUD

Client: Michael Sander

Master: M-II Submaster: VHS

Audio 1: Mono mix 2: Mono mix

09/10/1992 - 0:59:00 Producer: Stealey

AVC-1992-198-1/1 **Monterey the Bay (Sanctuary Version)**

An edited video production combining Monterey, The Bay-Sanctuary footage and DIAL computer animation. The video is for display in the visitor's center at the Monterey, Bay Aquarium.

Audience: Gen.

Client: Kevin Hussey

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

09/15/1992 - 0:06:58 Producer: Savona

AVC-1992-200-1/1 **Rocky IV Demo & Mobility**

Production edited from previous Rocky IV footage. New material videotaped on VHS. For lecture purpose.

Audience:

Client: Dr. Matt Golombeck

Master: M-II

Audio 1: Mono mix 2: Mono mix

09/16/1992 - 0:05:24 Producer: Semerano

AVC-1992-202-1/1 **Mars Observer Pre-Launch**

Briefing from the Cape; Dave Evans, John Gibb, Len Fisk, Sid Soccier, James Womack, John Weems

Audience: NASA

Client: NASA

Master: M-II

Audio 1: Mono mix 2: Mono mix

09/24/1992 - 1:01:00

AVC-1992-203-1/1 **Mars Observer Launch Coverage From JPL**

B-Roll Footage of Public viewing launch of Mars Observer from various locals around lab.

Audience: JPL

Client:
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/25/1992 - 0:25:00 Producer: Semerano

AVC-1992-204-1/3 **Mars Observer Launch**
VTV-355-1 Coverage From Cape
Audience: NASA
Client: NASA
Master: M-II
Audio 1: Mono mix 2: Mono mix
09/25/1992 - 1:35:28

AVC-1992-204-2/3 **Mars Observer Launch**
Coverage From Cape Launch footage at 28:00
Audience: NASA
Client: NASA
Master: M-II
Audio 1: Mono mix 2: Mono mix
09/25/1992 - 1:30:00

AVC-1992-204-3/3 **Mars Observer Launch**
Coverage From Cape X-Band lock from Canberra,
Australia at 21:50 on tape
Audience: NASA
Client: NASA
Master: M-II
Audio 1: Mono mix 2: Mono mix
09/25/1992 - 0:45:54

AVC-1992-205-1/1 **Mars Observer Post-Launch Press Conference**
Coverage from Cape
Audience: NASA
Client: NASA
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/25/1992 - 0:25:00

AVC-1992-208-1/1 **Miniature Seeker Technology Integration - MSTI**
Video Update #2
An edited production describing JPL'S new Low Cost
mission of a satellite that uses off the shelf
components and can be built in less than a year.
Audience: JPL
Client: E. Kane Casani
Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix
10/01/1992 - 0:02:53 Producer: Savona

AVC-1992-211-1/1 **Autonomous Microrover Development at JPL**
An edited production showing four Microrovers in Arroyo and
Death Valley test sites.
Audience: JPL Site: JPL
Client: Erran Gat/R. Desai
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
10/30/1992 - 0:05:20 Producer: Savona

AVC-1993-004-1/1 **HRMS**
High Resolution Microwave Survey
Video source reel; media release tape on the HRMS
project segments include: 334 meter antenna,
Aerials, Timelapse, HRMS Control Room
Audience: JPL
Client: PIO
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/07/1992 - 0:15:41 Producer: Stealey

AVC-1993-012-1/1 **NASA/KSC Video Release**
Includes: Mars Observer, Titan III Spacecraft
Processing, Titan Vehicle, Mapping The Martian
World, Launch, Isolated views
(Recorded-off NASA Television on Launch Day)
Audience: NASA
Client: NASA
Master: BCAMsp Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
09/25/1992 - 0:51:00 Producer: Savona

AVC-1993-013-1/9 **HRMS Dedication**
A single-camera documentation of HRMS
Includes all speeches and press Q&A
Speakers: Dr. Ed Stone, Dr. Gary Coulter, Dr. Mike
Klein, Dr. Damuel Gulkins and Dr. Carl Sagan
Audience: JPL
Client: PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 1:23:00 Producer: Stealey

AVC-1993-013-2/9 **HRMS Dedication**

Hand held shots of HRMS dedication
Audience: JPL
Client: PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 0:45:00 Producer: Stealey

AVC-1993-013-3/9 **HRMS Dedication**
HRMS Interviews
Originally done of NASA Select "NASA TODAY"
Speaker: Samuel Gulkins, Project scientist
Audience: JPL
Client: PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 0:25:00 Producer: Stealey

AVC-1993-013-4/9 **HRMS Dedication**
Continuation of interviews
Audience: JPL
Client: PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 0:30:00 Producer: Stealey

AVC-1993-013-5/9 **HRMS Dedication**
Continuation of interviews
Audience: JPL
Client: PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 0:30:00 Producer: Stealey

AVC-1993-013-6/9 **HRMS Dedication**
Continuation of interviews
Audience: JPL
Client: PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 0:30:00 Producer: Stealey

AVC-1993-013-7/9 **HRMS Dedication**
Carl Sagan's address to kids about HRMS, Carl Sagan
explains to a group of young people how HRMS works, Q & A
closes tape.
Audience: JPL

Client: PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 0:23:00 Producer: Stealey

AVC-1993-013-8/9 **HRMS Dedication**
Stand-Ups NASA Today's, Kathryn Greenfield's stand-ups and leads to HRMS stories
Audience: JPL
Client: PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 0:20:00 Producer: Stealey

AVC-1993-013-9/9 **HRMS Dedication**
Opens & Closes for HRMS
Audience: JPL
Client: PIO
Master: M-II
Audio 1: Mono mix 2: Mono mix
10/12/1992 - 0:12:00 Producer: Stealey

AVC-1993-018-1/1 **Cassini Probe Release**
Engineering Study Scan conversion on the effect on the Cassini Spacecraft when the Huygens Probe is released.
Audience: JPL
Client: Brown/Wong
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/02/1992 - 0:05:23 Producer: Stealey

AVC-1993-030-1/1 **KECK - The First of a New Generation of Telescopes**
Dr. Edward Stone speaking at the Hughes Aircraft Company The Lawrence A. Hyland Lecture Series Satellite Downlink
Audience: NASA
Client: NASA
Master:
Audio 1: Mono mix 2: Mono mix
11/11/1992 - 1:15:00

AVC-1993-038-1/2 **SETI Antenna Footage**
Film to tape transfer by Phototronics.
Time lapse raw footage of the Search for Extraterrestrial Intelligence (SETI) antenna. Includes arty night and day shots at several angles. Sunrise shots with sun behind

antenna.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Silent 2: Silent
10/05/1992 - 0:30:00

- AVC-1993-038-2/2 **SETI Antenna Footage**
Film to tape transfer by Phototronics.
Time lapse raw footage of the Search for Extraterrestrial Intelligence (SETI) antenna. Sunrise shot with sun behind antenna.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Silent 2: Silent
10/05/1992 - 0:07:45
- AVC-1993-042-1/1 **DSS-13 SETI- Hour 2**
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/01/1992 - 0:30:00
- AVC-1993-053-1/1 **The Final Step To Jupiter**
A video production illustrating Galileo Earth II Encounter. The tape is to be used during encounter at the Smithsonian in Washington DC.
Audience:
Client: Maynard Hine
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/28/1992 - 0:04:09 Producer: Savona
- AVC-1993-054-1/1 **"Gasptra Flyby"**
Three 26 frame movies of the Gasptra Asteroid made from data acquired by the Galileo spacecraft.
Audience: NASA
Client: Eric De Jong
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/01/1992 - 0:01:30 Producer: Semerano
- AVC-1993-055-1/1 **MSTI Launch**
Audience: NASA

Client: Joy Hodges
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/21/1992 - 0:30:00 Producer: Gary Savona

AVC-1993-056-1/1 **STS-46 Mission Highlights Resource Tape**
(JSC 1273)
Audience: NASA
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
11/21/1992 - 0:50:00

AVC-1993-057-1/1 **STS-47 Mission Highlights Resource Tape**
(JSC 1279)
Audience: NASA
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
12/01/1992 - 1:00:00

AVC-1993-058-1/1 **STS-50 Video Highlights Resource Tape**
(JSC 1265)
Audience: NASA
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
12/01/1992 - 0:49:30

AVC-1993-059-1/2 **STS-50 Special Events Resource Tape**
(JSC 1295)
Audience: NASA
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
12/01/1992 - 1:11:00

AVC-1993-059-2/2 **STS-50 Special Events Resource Tape**
(JSC 1295)
Audience: NASA Resource
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1295
12/01/1992 - 1:11:00

AVC-1993-060-1/1 **Galileo Earth 2 Minus 7 Days Press Conference**

A three-camera videotaping in von Kármán receiving the Gaspra Encounter and a preview to the upcoming Earth 2 Encounter Speakers: William O'Neil, Dr. T.V. Johnson, Dr. Joseph Veverka

Audience: JPL Site: von Kármán

Client: PIO

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/01/1992 - 1:10:00 Producer: Stealey

AVC-1993-061-1/1 **Closest Approach Galileo Trajectory Animation**

UTC Timeline: 14:49:25-15:29:25

Audience: NASA

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

12/01/1992 - 0:40:00

AVC-1993-062-1/2 **Post Encounter Galileo Trajectory Animation**

UTC Timeline: 15:29:25-16:49:25

Audience:

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

12/01/1992 - 1:20:00

AVC-1993-062-2/2 **Post Encounter Galileo Trajectory Animation**

UTC Timeline: 15:29:25-16:49:25

Audience:

Client:

Master: 1"C

Audio 1: Mono mix 2: Mono mix

12/01/1992 - 1:20:00

AVC-1993-063-1/1 **Galileo Moon Flyby Press Release**

Three segments of computer animation illustrating the Moon Flyby.

Audience: JPL

Client: Bob Mac Millin

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/02/1992 - 0:02:11 Producer: Savona

AVC-1993-067-1/1 **Pictures of Neptune-Taken by Voyager 2**

Transfer of images form still store of Voyager's Flyby of Neptune

Audience:
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
12/03/1993 - 0:12:00 Producer: Semerano

AVC-1993-069-1/1 **Galileo Moon Encounter 2**
Simulation and Images Three separate movies of Galileo's
Flyby during Earth 2 Encounter
Audience: JPL
Client: Eric De Jong
Master: 1"C
Audio 1: Mono mix 2: Mono mix
12/08/1992 - 0:08:20 Producer: Semerano

AVC-1993-070-1/1 **Galileo Earth/Moon Encounter 2- Simulation 1 & 2.**
AVC-93-070 & AVC-93-071 tied onto one tape.
Audience: Resource
Client: Eric De Jong, Org. 3233
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/08/1992 - 0:06:04

AVC-1993-071-1/1 **Galileo Earth/Moon Encounter 2- Simulation 2**
Tied onto AVC-93-070.
Audience: Resource
Client: Eric De Jong, Org. 3233
Master:
Audio 1: Mono mix 2: Mono mix
12/08/1992 - 0:00:00

AVC-1993-072-1/3 **Galileo Blue Room Coverage**
VTV-374
Speakers: Terrile & O'Neil
Audience: News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/08/1992 - 0:45:00

AVC-1993-072-2/3 **Galileo Blue Room Coverage**
VTV-374
Speakers: Terrile, Greenelee, Johnson, Ausman, and
Buxbaum
Audience: News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix

12/08/1992 - 1:00:00

AVC-1993-072-3/3 **Galileo Blue Room Coverage**
VTV-374
Speakers: Terrile, Kurth, and Sagan
Audience: News
Client:
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/08/1992 - 0:45:00

AVC-1993-073-1/1 **Galileo Earth/Moon 2 Encounter Press Conference**
VTV-373
A four-camera videotaping in von Kármán Auditorium
Speakers: Dr. W. Huntress, William O'Neil, Neal
Ausman, Dr. T. Johnson, Dr. R. Greeley
Audience: JPL News Site: von Kármán
Client: Maynard Hine
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
12/08/1992 - 1:22:00 Producer: Stealey

AVC-1993-074-1/1 **A Search for Life on Earth with the Galileo Spacecraft**
VTV-371
A three-camera videotaping of Carl Sagan's
presentation of the Galileo spacecraft's ability
detect life on Earth.
Audience: Gen. Site: von Kármán
Client: PAO, Org. 180
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/09/1992 - 1:06:00 Producer: Stealey

AVC-1993-075-1/2 **STS-46 Special Events Resource Tape**
(JSC 1291)
Audience: NASA
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
12/08/1992 - 1:27:00

AVC-1993-075-2/2 **STS-46 Special Events Resource Tape**
(JSC 1291)
Audience: NASA
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
12/08/1992 - 1:27:00

- AVC-1993-076-1/2 **STS-47 Special Events Resource Tape**
 (JSC 1292)
 Audience: NASA
 Client: NASA
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 12/09/1992 - 1:40:30
- AVC-1993-076-2/2 **STS-47 Special Events Resource Tape**
 (JSC 1292)
 Audience: NASA
 Client: NASA
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 12/09/1992 - 1:40:30
- AVC-1993-080-1/1 **Mariner 2 30th Anniversary Press Release Tape**
 Clips from AVC-92-173 "The Clouds of Venus" used as a press
 release W/O audio
 Audience: JPL
 Client: Jim Wilson, PIO
 Master: M-II
 Audio 1: Mono mix 2: Mono mix
 12/14/1992 - 0:02:39 Producer: Stealey
- AVC-1993-091-1/1 **JPL Year End Review**
 A short update of significant events that JPL
 participated in during 1992. Narrated by George Alexander
 for broadcast over NASA Select T.V.
 Audience: NASA
 Client: NASA
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 01/07/1993 - 0:03:00 Producer: Stealey
- AVC-1993-092-1/1 **ROSAT: Dark Matter**
 News Release
 Audience: Resource
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 01/05/1993 - 0:01:26
- AVC-1993-093-1/1 **Galileo Probe Spacecraft Mission to Jupiter**
 NEWS RELEASE
 Animation of The Galileo Probe entering the

atmosphere of Jupiter. Some construction of probe shots included. Tape footage from Ames Research Center.

Audience: News

Client:

Master: BCAMsp Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

01/14/1993 - 0:09:00 Producer: Stealey

AVC-1993-097-1/1 **Galileo Earth/Moon 2 Real Time Pictures**

Recorded live during Encounter

Audience: NASA

Client:

Master: DVCPro50 Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/08/1992 - 0:32:50 Producer: Ziats

AVC-1993-103-1/1 **1992 Local-Remote Telerobotics**

An edited video production demonstrating computer-aided telerobotic technology from a local site to remote site

Audience:

Client: Wayne Zimmerman

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

02/03/1993 - 0:07:06 Producer: Savona

AVC-1993-109-1/1 **SIR-C "XSS Antenna Mating"**

BLDG. 179 - Raw Footage

Audience:

Client:

Master: M-II

Audio 1: Mono mix 2: Mono mix

02/16/1993 - 0:44:00

AVC-1993-110-1/1 **JPL A Tradition of Discovery**

VTV-390

1993 Version

Audience: JPL

Client:

Master: M-II Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/18/1993 - 0:09:00

AVC-1993-111-1/1 **Dan Goldin's Address to NASA Employees**

Audience: NASA

Client:

Master: sVHS

Audio 1: Mono mix 2: Mono mix
02/18/1993 - 0:06:35

AVC-1993-113-1/1

HAZBOT III

Emergency Response Vehicle An edited production demonstrating a robotic vehicle, Hazbot 3, responding to a hazardous material spill in building 305.

Audience: JPL Site: 305

Client: Rick Welch

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

02/19/1993 - 0:07:47 Producer: Savona

AVC-1993-114-1/1
VTV-389

TOPEX Animation

1. Topography of the World's Oceans by Topex/Poseidon NASA/CNES.

2. Currents of the World's Oceans, a joint US/French Space Mission.

This was produced by Denise P. Leconte with scientific guidance by Dr. Lee-Lueng Fu.

Audience:

Client:

Master: BCAMsp Submaster: 1"C

Audio 1: 2:

02/01/1993 - 0:04:34

AVC-1993-117-1/1
VTV-387

TOPEX/Poseidon Press Conference

Charles Yammarone Jr., JPL; Philippe Escudier, CNES; Dr. Lee-Lueng Fu, JPL; Michael Lifebure, CNES; Byron Tapley, U. of Texas; Dr. James Mitchell, NRL; Jean-Francois Minster, CNES.

Includes animation.

Audience: Gen. Site: JPL 186-Aud

Client: Topex/PIO, Org. 181

Master: M-II Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

02/26/1993 - 1:20:00 Producer: Stealey

AVC-1993-118-1/2

STS-52 Special Events Resource Tape
(JSSC 1293)

Audience: NASA

Client:

Master: VHS

Audio 1: Mono mix 2: Mono mix

02/24/1993 - 2:46:00

- AVC-1993-118-2/2 **STS-52 Special Events Resource Tape**
 (JSSC 1293)
 Audience: NASA
 Client:
 Master: VHS
 Audio 1: Mono mix 2: Mono mix
 02/24/1993 - 0:00:00
- AVC-1993-124-1/1 **Miniature Seeker Technology Integration - MSTI**
 An edited video production describing one of JPL's new low cost missions called MSTI. A satellite built with off the shelf hardware in less than a year. (Final Version)
 Audience:
 Client: E. Kane Casani
 Master: 1" C Submaster: 1" C
 Audio 1: Mono mix 2: Mono mix
 03/09/1993 - 0:02:31 Producer: Savona
- AVC-1993-125-1/1 **STS-52 Mission Highlights**
 (JSC 1284)
 Audience: NASA
 Client: NASA
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 03/11/1993 - 0:49:30
- AVC-1993-127-1/1 **Soft X-Ray Telescope**
 Produced by Lockheed Corp., the video shows the launch of the X-Ray Telescope which was sponsored by both the United States and Japan. Included are several images of the Sun and its corona as seen through this instrument.
 Audience: NASA
 Client:
 Master: BCAMsp Submaster: DVCPPro50
 Audio 1: Mono mix 2: Mono mix
 04/21/1992 - 0:06:00
- AVC-1993-131-1/1 **TOPEX/Poseidon Observation of the El Nino**
 By the Naval Research Lab, Stennis Space Center
 Audience:
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 02/26/1993 - 0:06:30

- AVC-1993-133-1/2 **STS-54 Special Events Resource Tape**
 (VJSC 1310)
 Audience: Resource
 Client: JSC
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 03/20/1993 - 1:37:00
- AVC-1993-133-2/2 **STS-54 Special Events Resource Tape**
 (VJSC 1310)
 Audience: Resource
 Client: JSC
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 03/20/1993 - 1:37:00
- AVC-1993-134-1/1 **Kennedy Laser Disc Project**
 VTV-394
 An edited production giving a visual overview of
 JPL. Intended for use in a larger production for the
 Visitors Center at The Kennedy Space Center
 Audience: Gen. Site: JPL
 Client: KSC, Org. NASA
 Master: 1"C Submaster: 1"C
 Audio 1: Mix 2: Mix
 03/24/1993 - 0:03:30 Producer: Stealey
- AVC-1993-136-1/1 **Magellan: The Next Generation**
 The transition from radar to Gravity Science, Aerobraking,
 and circular Orbit Operations
 Flight Projects Office A three-camera videotaping in von
 Kármán Auditorium
 Audience: JPL Site: von Kármán
 Client: Anita Sohus
 Master: M-II
 Audio 1: Mono mix 2: Mono mix
 03/26/1993 - 0:44:39 Producer: Savona
- AVC-1993-139-1/2 **Galileo Compilation Tape**
 Blue Room - Tape 1
 Bill O'Neal (AVC-93-072)
 Blue Room - Tape 2
 Neal Ausman (AVC-93-072)
 Audience: JPL
 Client: Maynard Hine
 Master: M-II

Audio 1: Mono mix 2: Mono mix
03/31/1993 - 0:50:00 Producer: Ziats

AVC-1993-139-2/2 **Galileo Compilation Tape**
Earth/Moon 2 Encounter Press Conference (AVC-93-073)
Earth/Moon 2 Encounter Rotation Movie (AVC-93-073)
Audience: JPL
Client: Maynard Hine
Master: M-II
Audio 1: Mono mix 2: Mono mix
03/31/1993 - 0:00:00 Producer: Ziats

AVC-1993-144-1/1 **A Summary Of Magellan Results**
VTV-396 Magellan Science Seminar
A three-camera videotaping of a talk by Tommy
Thompson in von Kármán Auditorium.
Audience: JPL Site: von Kármán
Client: Mona Jasnow
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
04/14/1993 - 0:56:00 Producer: Savona

AVC-1993-147-1/1 **STS-54 Mission Highlights Resource Tape**
(JSC 1309)
Audience: NASA
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/14/1993 - 0:48:15

AVC-1993-150-1/1 **"Coronae, Chasmata, and Terrestrial-Like Subduction on Venus"**
 VTV-402 Magellan Science Seminar
 A three-camera videotaping of a talk by Gerald Schubert in von Kármán Auditorium.
 Audience: JPL Site: von Kármán
 Client: Mona Jasnow
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 05/05/1993 - 1:02:00 Producer: Savona

AVC-1993-153-1/1 **MESUR Airbag Impact Attenuation Subsystem**
 3 Phase test conducted jointly with JPL and Sandia National Laboratory.
 Phase 1 - Vertical Drop in Earth Atmosphere.
 Phase 2 - Vertical Drop at Mars Ambient Pressure.
 Phase 3 - Combined Vertical & Horizontal Impact in Earth Atmosphere.
 Audience: Tech.
 Client: Tom Rivellini, Org. 3520
 Master: M-II Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/17/1993 - 0:04:30

AVC-1993-154-1/1 **Galileo: Ready for Ida... Next Stop, Jupiter**
 VTV-404 Speakers: Dr. Buxbaum & James C. Marr IV
 They explain the Ida and Jupiter Encounter
 Audience: Site: von Kármán
 Client: Anita Sohus
 Master: M-II
 Audio 1: Mono mix 2: Mono mix
 05/17/1993 - 0:58:00 Producer: Stealey

AVC-1993-154-2/1 **Galileo: Ready for Ida... Next Stop, Jupiter**
 VTV-404 Speakers: Dr. Buxbaum & James C. Marr IV
 They explain the Ida and Jupiter Encounter
 Audience: Site: von Kármán
 Client: Anita Sohus
 Master:
 Audio 1: Mono mix 2: Mono mix
 05/17/1993 - 0:00:00 Producer: Stealey

AVC-1993-158-1/1 **Collection of three computer generated flyovers of Venus.**
 1. Dione Regio - Ushas, Innini, and Hathor Mons
 2. Beta & Atla Regio - Gravity, Topography and Radar results

3. Ovda Regio - Western Aphrodite Terra and Adivar crater

Also available on AVC-91-091

Audience:

Client: Eric De Jong

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/26/1993 - 0:07:37 Producer: Stealey

AVC-1993-159-1/1
VTV-407

Magellan Aerobraking Press Conference

From NASA Headquarters

Speakers: Douglas Griffith, Steve Saunders, Ellen Stofan, Wes Huntress, William Sjiogren

Audience: NASA

Client: NASA

Master: BCAMsp Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

05/26/1993 - 1:10:00

AVC-1993-161-1/1

ATM-Lunar Rover Demo

An edited video production demonstrating remote networking of a microrover using fiber optic links.

Audience:

Client: Ed Chow

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

05/27/1993 - 0:03:32 Producer: Savona

AVC-1993-163-1/1

MSTI Data Processing

A production utilizing mostly computer graphics showing how the MSTI Spacecraft performed its mission. The production concludes with an animated flyover of the BAJA peninsula based on data acquired by the spacecraft.

Audience:

Client: Dr. Meemong Lee

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/04/1993 - 0:06:30 Producer: Semerano

AVC-1993-167-1/1
VTV-412

TOPEX/Poseidon: Monitoring Earth's Oceans from Space

Flight Projects Office A three-camera videotaping in von Kármán Auditorium, featuring Rod Zieger, mission manager and Terry Adamski, Flight Operation Manager. Discussed the Topex Mission and results up to Feb. 1993.

Audience: JPL

Site: von Kármán

Client: Anita Sohus
Master: sVHS Submaster: M-II
Audio 1: Mono mix 2: Mono mix
06/14/1993 - 0:59:15 Producer: Stealey

AVC-1993-168-1/1 **Venus: Then and Now**
VTV-413
Magellan Science Seminar A three-camera
videotaping of a talk by Dr. Steve Saunders in von Kármán
Auditorium.
Audience: JPL
Client: Mona Jasnow
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/16/1993 - 0:53:40 Producer: Savona

AVC-1993-169-1/1 **MESUR/Pathfinder Half scale testbed Flight Test #1**
Coverage of half scale model parachute test at
California City, CA. Collections of shots four
various sources. Parachute test was unsuccessful.
June 11, 1993
Part #1 - 26:35
Part #2 - 18:48
Audience: JPL
Client: Van Warren
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/16/1993 - 0:45:23 Producer: Stealey

AVC-1993-171-1/1 **MESUR - Mars Environmental Survey**
An edited video production showing current research and
tests in the Pathfinder Project. Project members describe
their particular research.
Audience: JPL
Client: Brian Muirhead
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
06/17/1991 - 0:06:24 Producer: Savona

AVC-1993-172-1/2 **STS-55 Special Events Resource Tape**
VTV-414
3/4" tape from NASA - Johnson Space Center
Audience: NASA
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
05/01/1993 - 1:00:00

- AVC-1993-172-2/2 **STS-55 Special Events Resource Tape**
 3/4" tape from NASA - Johnson Space Center
 Audience: NASA
 Client: NASA
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 05/01/1993 - 0:31:00
- AVC-1993-175-1/1 **Visible/IR Milky Way Comparison**
 A series of images illustrating the trajectory and results of the SIRT-F Mission.
 Audience: JPL
 Client: Mike Osmolovsky
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 07/08/1993 - 0:02:30 Producer: Semerano
- AVC-1993-177-1/1 **Cassini: Mission to Saturn**
 Flight Projects Office
 Speakers: Christopher Jones & Linda Horn
 Audience: Tech. JPL
 Client: Anita Sohus
 Master: M-II Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 07/19/1993 - 0:57:00 Producer: Stealey
- AVC-1993-181-1/1 **W.M. KECK OBSERVATORY: New Window into the Universe**
 An edited production. Includes a description of the world's largest telescope, shows a time lapse film of the construction of the observatory, and interviews of participants involved. Participants include:
 Sandra Faber, Astronomer, U.C. Santa Cruz
 Jerry Nelson, Keck Telescope Project Scientist
 Walter Cronkite
 Ed Stone, V. P. CalTech
 Arne Hass, C.A.R.A. Engineer
 Jerry Smith, Project Manager
 The Observatory is located on Mauna Kea, Hawaii. Sponsoring Institutions are California Institute of Technology, NASA & University of California. W.M. Keck Foundation, Donor.
 Audience: Gen.
 Client: Dawson/Photo Lab
 Master: 1"C Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 09/20/1993 - 0:12:38 Producer: Dawson / Savona

- AVC-1993-184-1/1 **STS-56 Mission Highlights**
 Resource Tape (JSC 1345)
 Audience: NASA
 Client: NASA
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix
 07/29/1993 - 0:54:45
- AVC-1993-190-1/1 **"SIR-C Time Lapse at KSC"**
 Time lapse of SIR-C Antenna activities at Kennedy Space Center. Included at beginning is regular footage showing arrival of antenna at KSC.
 Audience: Resource
 Client: Tom Wynne
 Master: M-II Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 11/16/1993 - 0:12:00 Producer: Semerano
- AVC-1993-191-1/1 **Magellan Press Release Videotape**
 1. Upper Atmosphere Composition and O-CO₂ Radiative Cooling - 2:22
 2. Aerobraking to Circular Orbit - 1:53
 Audience: Resource
 Client: Magellan/PIO, Org. 181
 Master: 1"C Submaster: 1"C
 Audio 1: 2:
 08/10/1993 - 0:04:15
- AVC-1993-192-1/1 **Magellan Press Conference**
 "Magellan Aerobraking to Circular Orbit: The Atmospheric Drag Experiment". Speakers: Bob MacMillin (Manager PIO), Doug Griffith (Magellan Project Manager) Tavormina (Magellan Deputy Mission Dir.) Gerald Keating (Sr. Research Scientist)
 Audience: JPL Site: von Kármán
 Client: Mona Jasnow
 Master: M-II Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 08/01/1993 - 1:07:03 Producer: Stealey
- AVC-1993-193-1/1 **Mars Observer Launch Activities**
 At beginning of tape is "Mapping The Martian World"; edited version of AVC-92-204C1M, C2M & C3M. At the end of tape is "New Mars Observer Orbit Insertion Animation".
 Audience:
 Client: Glenn Cunningham

Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/09/1993 - 0:42:00 Producer: Semerano

AVC-1993-194-1/1 **STS - 55 Mission Highlights Resource**
(JSC 1339)
Audience: NASA
Client: NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/09/1993 - 0:59:15

AVC-1993-198-1/1 **Mars Orbit Insertion Release**
MARS OBSERVER ORBIT INSERTION ANIMATION
An edited video production illustrating the Mars
Observer orbit insertion on August 24, 1993.
Aired on NASA Today.
Audience: NASA
Client:Carolynn Young
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/18/1993 - 0:02:39 Producer: Savona

AVC-1993-199-1/1 **Mars Observer Computer Animation Raw Elements**
Mars Observer computer animation elements visually
describing the Mars Observer mission from launch to orbit
insertion. Computer animation released on 8/18/92 and
7/29/93 Disregard scenes 1 through 9
Scene 10 opening of solar panels - 14secs.
"11 Mars Observer away from camera - 13secs.
"12 MO Trajectory line at mars - 20secs.
"13 MO deployment at mars - 1secs.
"14 CU of MO - 25secs.
"15 MO release from TOS - 12secs.
"Mars Orbit Insertion - 30secs.
"Mars Orbit Insertion Burn - 85secs.
Audience: JPL
Client: Carolynn Young
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/18/1993 - 0:03:20 Producer: Savona

AVC-1993-200-1/1 **Mars Observer Mission Status**
Glenn Cunningham conducts an impromptu discussion with the
press on the status of the Mars Observer spacecraft, 24
hours after mission control lost contact with the

spacecraft.
Audience: Tech. Resource Site: JPL
Client: PIO, Org. 181
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/23/1993 - 0:22:50

AVC-1993-201-1/1 **Mars Observer Press Conference 8/24/93, 10:00 a.m.**
Topic: The procedures for Mars orbit insertion. Dr. William
L. Piotrowski - NASA Hq.
Glenn Cunningham, JPL, M/O Project Manager
Dr. Arden Albee, CIT, M/O Project Scientist
Note: Contact was lost with the spacecraft on 8/21/93.
Audience: Gen. Site: von Kármán Aud
Client: PIO, Org. 181
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1993 - 0:54:00 Producer: Stealey

AVC-1993-202-1/2 **MARS OBSERVER ORBIT INSERTION SHOW**
A five-camera live to NASA Television Program
covering events during orbit insertion. Hosted by
Steve Wall. Guests are both live and pre-recorded.
Audio Mixed
Audience:
Client: Carolynn Young
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1993 - 1:30:00 Producer: Savona

AVC-1993-202-2/2 **MARS OBSERVER ORBIT INSERTION SHOW**
A five-camera live to NASA Television Program
covering events during orbit insertion. Hosted by
Steve Wall. Guests are both live and pre-recorded.
Audio Mixed
Audience:
Client: Carolynn Young
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/24/1993 - 0:27:00 Producer: Savona

AVC-1993-203-1/1 **Mars Observer Press Briefing**
Mars Observer Press Briefing
Glenn Cunningham entertains questions from the press on why
the Mars Observer has not spoken up since MOI.
Audience:

Client: PIO
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/24/1993 - 0:24:00 Producer: Stealey

AVC-1993-204-1/1 **Mars Observer Press Conference**
Glenn Cunningham Mars Observer Mission Manager updates the media on the loss of the Mars Observer radio signal.
Audience: JPL
Client: PIO
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/25/1993 - 0:17:21 Producer: Stealey

AVC-1993-208-1/1 **Welcome to Outer Space - Single Screen Version**
VTV-428
Single screen version of the triple-screen multi-media show. A fast paced overview of the Jet Propulsion Laboratory for new employees and visitors to JPL. Depicts the history of JPL, past and future flight projects, and other JPL activities. Originally produced by Phil Neuhauser and Tom Woodward. New footage has been added to both update the original production and to accommodate 3 screen version for single screen presentation.
Audience: Gen. Site: JPL
Client: Phil Neuhauser, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
02/09/1995 - 0:22:00 Producer: Woodward/Semerano

AVC-1993-209-1/1 **Mars Observer and the Laboratory**
A three-camera videotaping of a talk by Dr. Edward Stone, Piotrowski and Dallas in von Kármán Auditorium.
Audience:
Client: George Alexander
Master: M-II Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
08/27/1993 - 0:17:00 Producer: Savona

AVC-1993-213-1/1 **MESUR Pathfinder Microrover - Flight Experiment 14 September 1993**
An Edited video showing a microrover flight experiment. Includes interviews with engineers in the project.
Audience: Gen. Site: JPL
Client: Donna Shirley
Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix
09/13/1993 - 0:07:28 Producer: Savona

AVC-1993-215-1/1 **The Night Sky - Shows 1, 2, 3 & 4**
"PATH OF THE PLANETS"
Describes the path of the planets through the
ecliptic plane. TRT 15:00
"SATURN RINGED WONDER"
Saturn's view tones and history of observing the
planet are discussed. TRT 13:51
"A BINOCULAR TOUR THROUGH THE NIGHT SKY"
Astronomy using binoculars, what objects are the
best to view. TRT 14:28
"OBSERVING THE NIGHT SKY"
Observing the night sky introduces viewers on how
to use telescopes and binoculars on viewing the
night sky.
All programs hosted by David Seidel.
Audience: Gen. Edu.
Client: NASA TV, Org. NASA
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/1996 - 0:58:00 Producer: Stealey

AVC-1993-216-1/1 **The Night Sky - Shows 5, 6, 7 & 8**
METEORS AND ASTEROIDS
Steve Edberg explains how to take pictures of meteor trails
and Karen Buxbaum talks about Galileo - IDA encounter.
15:07
THE SEASONS AND THE STARS
David Seidel describes the seasonal changes and the star of
the seasons. 13:07
SUMMER STARS
David Seidel takes us through a tour of the summer
constellations. 14:46
THE NIGHT SKY
Rich Terrile hosted the program pilot with Steve Edberg.
Lunar eclipses were discussed.
Audience: Gen. Edu.
Client: NASA TV, Org. NASA
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/1996 - 0:55:00 Producer: Stealey

AVC-1994-002-1/1 **STS-53 Mission Highlights**
DOD Mission launched 12/2/92

Audience: Resource
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1297
10/01/1993 - 0:49:00 Producer: NASA

AVC-1994-003-1/1 **A Testbed for Future Missions**
Edited production explaining the flight system testbed and ability to test flight hardware in a variety of configurations. Kane Casani explains the creations of the testbed and the Mesur systems being tested in the testbed.
Audience: Gen. Site: 179-112
Client: Kane Casani, Org. 203
Master: 1"C Submaster: BCAMsp
Audio 1: Mix 2: Mix
10/06/1993 - 0:06:31 Producer: Stealey

AVC-1994-004-1/1 **NSCAT Project Antenna**
Deployment Tests
Audience: Tech.
Client: Tom Wynne
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
07/01/1992 - 0:30:00

AVC-1994-007-1/1 **HAZBOT III - Emergency Response Vehicle**
A reedited shorter version of a demonstration held in, February 1993, that shows a robotic vehicle, Hazbot III, responding to a hazardous material spill in building 305.
Original full-length version can be found on AVC-93-113.
Audience: Tech. Site: JPL-305
Client: R. Welch/G. Edmonds, Org. 347
Master: 1"C Submaster: 1"C
Audio 1: Mix 2: Mix AVC-93-113
02/19/1993 - 0:03:38 Producer: Savona

AVC-1994-010-1/1 **1993 Challenge Awards Student Project (short version)**
Student project--Earth observations by the Astronauts in support of the Shuttle Imaging Radar. Five students explain what they have studied at JPL's remote sensing lab, using visuals of the Earth taken by shuttle astronauts.
SHORT VERSION
Audience: JPL

Client: JoBea Way
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/18/1993 - 0:05:00 Producer: Semerano

AVC-1994-010-1/1 **1993 Challenge Awards Student Project (long version)**

Student project--Earth observations by the Astronauts in support of the Shuttle Imaging Radar. Five students explain what they have studied at JPL's remote sensing lab, using visuals of the Earth taken by shuttle astronauts.

LONG VERSION

Audience: JPL

Client: JoBea Way

Master: 1"C

Audio 1: Mono mix 2: Mono mix

10/18/1993 - 0:30:00 Producer: Semerano

AVC-1994-011-1/1 **Multi-Sensor Remote Surface Inspection**

Demonstrates a multi-sensor robotic platform that is maneuvered around with a 7 degree robotic arm. Describes how the technology could help astronauts work on orbital replacement units attached to space structures.

Audience: NASA Site: JPL

Client: S. Hayati/D. Lim, Org. 347

Master: 1"C Submaster: 1"C

Audio 1: Mix 2: Mix

10/23/1993 - 0:05:35 Producer: Savona

AVC-1994-020-1/1 **STS-57 Post Flight Press Conference**

VTV-432

Space Shuttle Endeavour retrieval of a European satellite EURECA. Also carried aboard is a privately-developed mid-deck module SPACEHAB. Included 13 commercial experiments, 1 NASA experiment, 3 Get Away Specials (GAS), FARE, AMOS, and some EVA tests.

Audience: Gen. Site: JSC

Client: , Org. NASA

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix VJSC1356

10/28/1993 - 0:59:23

AVC-1994-023-1/1 **P.O.S.S.E. Segments**

In the event a remix is required or new music and additional sound effects desired, an audio track containing only the narration can be found on the MII duplicate maintained in the library under the same AVC number.

Audience: Gen.
Client: Alexander/Neuhauser
Master: BCAMsp
Audio 1: Stereo 2: Stereo
11/01/1993 - 0:18:00 Producer: Semerano

AVC-1994-028-1/3 **An Operational Overview of the Ulysses Instruments**
The results of Ulysses science instruments. Presented in three parts:
Part 1 - Roger Hess: Unified Radio and Plasma
Audience: Tech.
Client: Ed Massey
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/08/1993 - 0:39:32 Producer: Stealey

AVC-1994-028-2/3 **An Operational Overview of the Ulysses Instruments**
The results of Ulysses science instruments. Presented in three parts:
Part 2 - John Phillips/Bruce Goldstein: Solar Wind observation over the Poles of the Sun.
Audience: Tech.
Client: Ed Massey
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/08/1993 - 0:40:12 Producer: Stealey

AVC-1994-028-3/3 **An Operational Overview of the Ulysses Instruments**
The results of Ulysses science instruments. Presented in three parts:
Part 3 - Kevin Hurley: Solar X-Rays and Cosmic Gamma Ray Bursts
Audience: Tech.
Client: Ed Massey
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/08/1993 - 0:25:00 Producer: Stealey

AVC-1994-031-1/1 **STS-61 Pre-Flight Press Conference**
STS-61 Pre-Flight Press Conference
Included on tape is EVA Task Animation concerning Hubble Space Telescope Servicing Task.
NOTE: Missing introduction.
Recorded off NASA Television from Goddard Space Flight Center.
Audience: News Site: Goddard

Client:
Master:
Audio 1: Mono mix 2: Mono mix
11/18/1993 - 1:40:00 Producer: NASA Goddard

AVC-1994-033-1/2 **Hubble Space Telescope Mission Overview Press Conf.**
Speakers: Ken Ledbetter, Joe Rothenbuge, Dr. Dave Leckrone and Dr. Ed Weiler
Recorded off NASA Television from Goddard Space Flight Center.
TRT: 1:41:00
Audience: News Site: Goddard
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
11/18/1993 - 1:30:00 Producer: NASA Goddard

AVC-1994-033-2/2 **Hubble Space Telescope Mission Overview Press Conf.**
Part 2 of 2
Audience: News Site: Goddard
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
11/18/1993 - 0:11:00 Producer: NASA Goddard

AVC-1994-034-1/1 **Hubble Space Telescope Technical Presentations**
News presentation related to the STS-61 Mission.
Speakers: Larry Simmons, Dr. John Trauger, Jim Crocker, Dr. Holland Ford and Derek Eaton
Audience: News Site: Goddard
Client:
Master: M-II
Audio 1: Mono mix 2: Mono mix
11/18/1993 - 1:12:00 Producer: NASA Goddard

AVC-1994-035-1/1 **Wide Field/Planetary Camera II Press Release Footage**
1st segment: JPL Clean Room Coverage - :36
2nd segment: Computer animation of Camera - :45
3rd segment: Insertion Footage of WFPC II at Goddard - 3:13
4th segment: JSC animation of changeout of cameras - 1:44
This raw footage is for release purposes at the cape during the STS-61 Hubble Servicing Mission.
Audience: Resource
Client: PIO/Diane Ainsworth

Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/22/1993 - 0:05:38 Producer: Savona

AVC-1994-042-1/1
VTV-436

Hubble Space Telescope Top 10 Greatest Hits

"Discoveries from the Horizons of Space and Time" A compilation of HST images and animations. Excellent source material for producers & editors. For more info: Sarah Keegan, NASA Hq. 202/358-1547 or Ray Villard, Space Science Inst. 410/338-4514

Audience:

Client: , Org. NASA

Master: BCAMsp Submaster: BCAMsp

Audio 1: mix 2: mix

11/30/1993 - 0:07:02 Producer: NASA

AVC-1994-043-1/1

NSCAT Engineering Balloon Deployment Tests

1st - Test Events 7&8. Pneumatic Release - 6:50

2nd - Balloon Handling Activities - 4:22

3rd - Deployment Tests 1 through 13 - 22:43

NOTE: Photo Lab Production (Tom Wynne/Savona)

AVSO added music and titles to photo lab production; no music was added to 3rd segment.

October & November 1993

Audio Unmixed: Need to play in mixed mode to duplicate.

Audience: Tech.

Client: Tom Wynne

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

11/01/1993 - 0:34:03 Producer: Wynne/Savona

AVC-1994-044-1/1

The Night Sky - Programs 9, 10, 11 & 12

1. Promo #1 Lunar Eclipse 0:51; Promo #2 Taking Pictures 0:56; "Total Lunar Eclipse" 16:32

2. "The Autumn Sky and Constellations" 15:03

3. "The November Sky" 13:46

4. "Phases and Craters of the Moon" 14:26

Note: Each program separated by 5 sec. of black.

Audience: Gen. Site: various

Client: NASA TV, Org. NASA

Master: BCAMsp

Audio 1: Mix 2: Mix

12/01/1993 - 1:02:00 Producer: Stealey

AVC-1994-045-1/1

SKICAT

SKY IMAGE CATALOGING AND ANALYSIS TOOL

Dr. U. Fayyad, AI Group

Audience: Tech. Site: Caltech

Client: Dr. Usama Fayyad, Org. 3663

Master: BCAMsp Submaster: 1"C

Audio 1: Mix 2: Mix

12/03/1993 - 0:18:47 Producer: Stealey

AVC-1994-047-1/1 **STS-59 Endeavour Space Radar Lab I Antenna Installed on Pallet**

Raw footage of the installation of the SIR-C/X-SAR. Shot by KSC (Bionetics Corp.). KSC93-31262

Audience: Site: KSC

Client: Van der Woude/M. Jasnow, Org. 181

Master: BCAMsp

Audio 1: Nat. sound 2: Nat. sound KSC93-31262

11/23/1993 - 0:04:30 Producer: KSC

AVC-1994-047-1/1 **STS-59 Endeavour Space Radar Lab I Antenna Installed on Pallet**

Raw footage of the installation of the SIR-C/X-SAR. Shot by KSC (Bionetics Corp.). KSC93-31262

Audience: Site: KSC

Client: Van der Woude/M. Jasnow, Org. 181

Master: B-sp

Audio 1: Nat. sound 2: Nat. sound KSC93-31262

11/23/1993 - 0:04:30 Producer: KSC

AVC-1994-050-1/1 **STS-61 Mission Highlights**

VTV 438

"Hubble's First Servicing Mission"

Edited video of the mission highlights of STS-61's EVA's. Includes all 5 spacewalks with special emphasis on WF/PC-II's installation.

Note: Edited immediately after landing.

Audience: Gen. Site: NASA TV

Client: Mike Devirian, Org. 7600

Master: 1"C Submaster: 1"C

Audio 1: Mono mix 2: Mono mix

12/17/1993 - 0:11:17 Producer: Savona

AVC-1994-051-1/3 **Hubble Space Telescope Servicing Mission Briefings**

1. "Countdown Status Briefing of STS-61" 14:00

2. "HST Servicing Mission Overview" 51:10

3. "HST Science Overview (part 1) 25:00

Taped off of NASA TV from KSC

1. Linbach, Snyder, Precilac; 2. Brinkley, Ledbetter, Rothenberg; 3. Loncrone, Wiler

Audience: News Site: KSC

Client: M. Devirian WF/PC, Org. 7600
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/29/1993 - 1:30:00

AVC-1994-051-2/3 **Hubble Space Telescope Servicing Mission Briefings**

3. "HST Science Overview (cont.) 25:00
Loncrone, Wiler
4. "HST Technical Presentations" (part 1) 33:00
Simmons, Trauger, Crocker, Ford, Eaton
Taped off of NASA TV from KSC
Audience: News Site: KSC
Client: M. Devirian WF/PC, Org. 7600
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/29/1993 - 1:00:00

AVC-1994-051-3/3 **Hubble Space Telescope Servicing Mission Briefings**

4. "HST Technical Presentations" (part 2) 23:00 Simmons,
Trauger, Crocker, Ford, Eaton
Tape off of NASA TV
Audience: News Site: KSC
Client: M. Devirian WF/PC, Org. 7600
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/29/1993 - 0:23:00

AVC-1994-052-1/3 **STS-61's Wide Field/Planetary Camera II Coverage**

Unedited coverage recorded live from NASA TV. Shows the
removal of WF/PC-I and the installation of WF/PC-II in the
Hubble Space Telescope.
Audience: Gen. Site: NASA TV
Client: Mike Devirian, Org. 7600
Master: M-II
Audio 1: Mono Mix 2: Mono Mix
12/06/1993 - 1:30:00 Producer: Borst/Savona

AVC-1994-052-2/3 **STS-61's Wide Field/Planetary Camera II Coverage**

Unedited coverage recorded live from NASA TV. Shows the
removal of WF/PC-I and the installation of WF/PC-II in the
Hubble Space Telescope.
Audience: Gen. Site: NASA TV
Client: Mike Devirian, Org. 7600
Master: M-II
Audio 1: Mono Mix 2: Mono Mix
12/06/1993 - 1:30:00 Producer: Borst/Savona

AVC-1994-052-3/3 **STS-61's Wide Field/Planetary Camera II Coverage**
 Unedited coverage recorded live from NASA TV. Shows the removal of WF/PC-I and the installation of WF/PC-II in the Hubble Space Telescope.
 At 35 minutes into this part, the magnetometer installation begins through the end of the tape.
 Audience: Gen. Site: NASA TV
 Client: Mike Devirian, Org. 7600
 Master: M-II
 Audio 1: Mono Mix 2: Mono Mix
 12/06/1993 - 1:30:00 Producer: Borst/Savona

AVC-1994-054-1/1 **JPL Year End Review 1993**
 Segment produced for the "NASA Year Ender".
 Reprise of the highlights which marked JPL's continuing role in the exploration of space during 1993.
 Intro and narrated by Frank O'Donnell
 Audience: Resource Site: JPL
 Client: NASA TV - W. Hart, Org. NASA
 Master: 1"C
 Audio 1: Unmixed 2: Unmixed
 Not for stand alone use!!
 12/22/1993 - 0:03:50 Producer: Stealey/Semerano

AVC-1994-055-1/1 **SIR-C Education Collection**
 1. Insight to Global Change
 2. Magellan: Mapping the Planet Venus
 3. Artemis 4. SIR-C Time Lapse
 5. 1993 Challenge Awards
 6. NASA Today
 7. NASA's DC-8 Flying Lab
 Audience: Gen. Site: Various
 Client: Ellen O'Leary/SIR-C, Org. 770
 Master: BCAMsp
 Audio 1: Mix 2: Mix
 12/01/1993 - 0:46:00 Producer: Various (Semerano)

AVC-1994-056-1/2 **STS-61 Post Flight Press Conference**
 The astronauts recount their experiences during the first Hubble Space Telescope Servicing Mission onboard STS-61.
 Q & A follows.
 Note: 2:40 overlap between parts 1 & 2.
 Audience: Site: JSC (NASA TV)
 Client: M. Devirian - WF/PC-II
 Master: M-II

B-roll footage. Comparison of WFPC-1 & WFPC-2 of galaxy M100; WFPC-2 wide field of M100;
Scenes - WFPC-2 mated to shuttle, removal from storage case, installation in HST by astronauts; Animation - WFPC-2 light path; B-roll WFPC-2 in clean room; COSTAR installation and animation.

Audience: Resource

Client: Sarah Keegan, Org. NASA

Master: Submaster: BCAMsp

Audio 1: Mono Mix 2: Mono Mix

01/13/1994 - 0:10:50

AVC-1994-062-1/1 **STS-59 Space Radar Lab X-SAR/SIR-C Lifted into Work Stand in the SAEF II**

Raw footage

Film Transfer

KSC93-30864

Audience: Site: KSC

Client: Mona Jasnow, Org. 2700

Master: Submaster: BCAMsp

Audio 1: Nat Sound 2: Nat Sound

08/02/1993 - 0:03:00

AVC-1994-063-1/1 **STS-59, Space Radar Lab #1 Antenna Installation into Work Stand**

Raw footage

Film Transfer

KSC93-31240

Audience: Site: KSC

Client: Mona Jasnow, Org. 2700

Master: Submaster: BCAMsp

Audio 1: Nat Sound 2: Nat Sound

11/12/1993 - 0:05:30

AVC-1994-064-1/1 **STS-59 Endeavor Space Radar Lab I Antenna Installed on Pallet**

Raw footage - Cameraman 303

Film Transfer

KSC93-31262

Audience: Site: KSC

Client: Mona Jasnow, Org. 2700

Master: Submaster: BCAMsp

Audio 1: Nat Sound 2: Nat Sound

11/23/1993 - 0:05:40

AVC-1994-065-1/1 **STS-59 Space Radar Lab I moved to Work Stand**

Raw footage

Film Transfer

KSC94-40117
Audience: Resource Site: KSC
Client: Mona Jasnow, Org. 2700
Master: Submaster: BCAMsp
Audio 1: Nat Sound 2: Nat Sound
01/10/1994 - 0:07:30

AVC-1994-066-1/1 **Hubble Space Telescope's First Corrected Image Press Conference**
VTV-452

Panel: Geoffrey Vincent, Peter Burr,
Daniel Goldin, Dr. John Gibbons, Senator Barbara Mikulski.
From NASA TV/Goddard Space Flight Center
Audience: Site: Goddard SFC
Client: M. Devirian/PIO, Org. 7600
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/13/1994 - 0:31:00 Producer: Goddard

AVC-1994-067-1/2 **Hubble Space Telescope Science Overview Briefing**
VTV-446

Panel: Randee Exler, Dr. Ed Weiler,
Dr. Dave Leckrone, Dr. John Trauger,
Dr. Chris Burrows, Jim Crocker, Dr. Holland Ford and Dr.
Duccio Macchetto.
Discussed results of first servicing mission.
From NASA TV/Goddard Space Flight Center
Audience: Gen. Site: Goddard SFC
Client: M. Devirian/PIO, Org. 7600
Master: M-II
Audio 1: Mono mix 2: Mono mix
01/13/1994 - 1:00:00 Producer: Goddard

AVC-1994-067-2/2 **Hubble Space Telescope Science Overview Briefing**
VTV-446

Panel: Randee Exler, Dr. Ed Weiler,
Dr. Dave Leckrone, Dr. John Trauger,
Dr. Chris Burrows, Jim Crocker, Dr. Holland Ford and Dr.
Duccio Macchetto.
Discussed results of first servicing mission.
From NASA TV/Goddard Space Flight Center
Audience: Gen. Site: Goddard SFC
Client: M. Devirian/PIO, Org. 7600
Master: M-II
Audio 1: Mono mix 2: Mono mix
01/13/1994 - 0:18:00 Producer: Goddard

AVC-1994-068-1/1 **Hubble Space Telescope Spacecraft Overview Briefing**

Panel: Randee Exler, Ken Ledbetter,
Frank Cepollina and Joe Rothenberg.
Discussed results of first servicing mission.
From NASA TV/Goddard Space Flight Center.
Tape playbacks of video used in briefing at end.
Audience: Gen. Site: Goddard SFC
Client: M. Devirian/PIO, Org. 7600
Master: M-II
Audio 1: Mono mix 2: Mono mix
01/13/1994 - 0:45:00 Producer: Goddard

AVC-1994-069-1/1 **Report on the JPL Mars Observer Loss-of-signal Special Review Board -Flight Projects Office-**

R. Rhoads Stephenson discusses the findings of the JPL
Special Review Board investigating the Mars Observer
failure.
Audience: JPL Site: 186-AUD
Client: Anita Sohus, Org. FPO
Master: M-II Submaster: 1"C
Audio 1: Mono Mix 2: Mono Mix
01/14/1994 - 1:36:00 Producer: Savona

AVC-1994-072-1/1 **Exploring the Solar System - A Data Animation Collection**

A collection of video animations made from actual data.
Includes: Mars, Miranda, Venus, San Andreas, Earth's Oceans,
Monterey Bay, Gaspra, Earth/Moon, Earth, Jupiter
Magnetosphere, Neptune,
Voyager trajectories, Mimas and Saturn.
Note: for a lecture by Dr. Carl Sagan, music only.
Audience: Gen.
Client: G. Alexander/C. Sagan, Org. 1800
Master: 1"C
Audio 1: Stereo mix 2: Stereo mix
01/19/1994 - 0:12:31 Producer: Stealey

AVC-1994-073-1/2 **STS-58 Special Events Resource Tape**
Space Shuttle Columbia - SLS-2 Mission
(Spacelab Life Sciences-2)

TRT 1:21:30
JSC production VJSC1384
Audience: Resource
Client: , Org. NASA
Master: Submaster: 3/4"

Audio 1: Mix 2: Mix VJSC1384
01/01/1994 - 1:00:00

AVC-1994-073-2/2 **STS-58 Special Events Resource Tape**
Space Shuttle Columbia - SLS-2 Mission
(Spacelab Life Sciences-2)
TRT 1:21:30
JSC production VJSC1384
Audience: Resource
Client: , Org. NASA
Master: Submaster: 3/4"
Audio 1: Mix 2: Mix VJSC1384
01/01/1994 - 0:21:30

AVC-1994-074-1/1 **1993 - A Year End Review**
VTV-450
Reviews the accomplishments, during 1993, of the
NASA Centers around the country .
Note: JPL segment hosted by Frank O'Donnell, produced by
Stealey/Semerano.
Audience: Gen. Site: NASA TV
Client: Steve Bridges, Org. 182
Master: sVHS
Audio 1: Mix 2: Mix
01/25/1993 - 0:48:00 Producer: Bill Hart, NASA

AVC-1994-076-1/1 **The Night Sky: January, 1994 Programs - Programs 13, 14, 15 & 16**
1. "Exploring our Solar System" 15:29
2. "The Winter Sky" 15:30
3. "Astronomical Terminology" 15:12
4. "Types of Telescopes" 16:53
All hosted by David Siedel.
Audience: Gen. Edu.
Client: Bridges/Alvidrez, Org. 182/3
Master: Submaster: BCAMsp
Audio 1: 2:
02/01/1994 - 1:03:04 Producer: Stealey

AVC-1994-077-1/1 **JPL/GPS Global Positioning System Earthquake Studies Press Release**
1. Interviews with Dr. Thomas Yunck & Dr. Andrea Donnellan,
JPL Tracking Systems & Application Sec.
2. Stock footage of GPS Receiver site in the Santa Susana
Mountains.
3. Animation of the Global Positioning System.
Audience: Site: see above
Client: E. McNevin/PIO, Org. 181
Master: 1"C

Audio 1: Mono mix 2: Mono mix
02/04/1994 - 0:12:35 Producer: Stealey

AVC-1994-078-1/1 **Pluto Animation**
Pluto Fast Flyby Spacecraft during its closest approach with Pluto and its moon Charon.
Animated by David Seal
Audience:
Client: PIO/Van der Woude, Org. 181
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
01/07/1994 - 0:00:10 Producer: Semerano

AVC-1994-081-1/1 **The Night Sky - Programs 17, 18, 19 & 20**
1. "A Conversation with John Dobson" 2/14/94 - 13:55
Discusses amateur telescope construction with the inventor of the Dobsonian telescope mount.
2. "GPS Studying Earthquakes from Space" 2/23/94 -11:39.
Guest Dr. Andrea Donnellan, Geophysicist, discusses using the Global Positioning Satellite System to study plate tectonics on Earth.
3. "Viewing the Annular Eclipse, May 10, 1994" - 16:00
How to safely view the annular eclipse.
4. "The Annular Eclipse: A Look Back" - 17:00
Edited version of the live show that aired May 10, 1994.
All shows include "coming up" bumpers.
All programs hosted by David Siedel
Audience: Gen. Edu.
Client: S. Bridges/R. Alvidrez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/14/1994 - 1:03:00 Producer: Stealey

AVC-1994-088-1/1 **Comets and Asteroids**
--- P.O.S.S.E. Series ---
A general overview of the role Comets and Asteroids may have played in the evolution of the solar system and perhaps in the history of life itself. Produced for the Public Outreach for Solar System Exploration committee.
Audience: Gen.
Client: Alexander/Neuhauser, Org. 1800
Master: BCAMsp
Audio 1: Stereo Mix 2: Stereo Mix
02/24/1994 - 0:03:25 Producer: Semerano

AVC-1994-090-1/1 **SIR-C Antenna Construction and Activity through August 1994**

The assembly, testing and shipment of various Spaceborne Imaging Radar-C components.
Incorporated into the video are time-lapse film transfers of activity at both JPL and Kennedy Space Center. Included are a series of stills made from available media showing the antenna under construction.
Audience: Resource Site: JPL/KSC
Client: Mike Sander, Org. 770
Master: 1"C
Audio 1: Silent 2: Silent
08/17/1994 - 0:15:00 Producer: Semerano

AVC-1994-096-1/1 **STS-59 Sharpedge Inspection in OPF, Highbay-1**
Photographic Services Branch of Kennedy Space Center documenting further SIR-C activities at KSC prior to launch. X9024-133, KSC94-40289
Audience: Resource Site: KSC
Client: Mona Jasnow, Org. 770
Master: Submaster: BCAMsp
Audio 1: Nat sound 2: KSC94-40289
02/25/1994 - 0:05:43 Producer: Bionetics Corp.

AVC-1994-097-1/1 **Serpentine Robotic Arm**
A short demonstration of a new type of robotic arm being articulated during a simulated inspection.
Produced for managers meeting.
Audience: Tech.
Client: Tom Lee
Master: 1"C
Audio 1: Silent 2:
03/15/1994 - 0:02:56 Producer: Semerano

AVC-1994-100-1/1 **Galileo Press Conference - Moon of the Asteroid Ida**
VTV-460
Press Conference examining the probable sighting of a natural satellite of the Asteroid Ida by the Galileo Spacecraft. Discussing what might prove to be the first visual evidence of a moon orbiting an asteroid, a 5 member panel took questions from the press and other NASA centers during a live press conference held in the studio adjacent to von Kármán Auditorium. The panel was composed of 1) William J. O'Neil, Galileo Project Manager, JPL 2) Dr. Michael J.S. Belton, Team Leader, Solid State Imaging Investigation, National Optical Astronomy Observatories 3) Dr. Robert W. Carlson, Principal Investigator, Near Infrared Mapping Spectrometer, JPL 4) Dr. Clark R. Chapman, Team Member, Solid State Imaging

Investigation, Planetary Science Institute/SAIC 5) Dr.
Torrence V. Johnson, Galileo Project Scientist, JPL.
Audience: News Site: 186-Studio
Client: T. Johnson/PIO, Org. 230
Master: 1"C
Audio 1: Mono mix 2: Mono mix
03/23/1994 - 1:00:00 Producer: Semerano

AVC-1994-101-1/1 **STS-59 Rollover to VAB**
B-Roll of the Shuttle Endeavour being moved at Kennedy Space
Center in preparation for launch of SIR-C.
A NASA/KSC video release.
Audience: News Site: KSC
Client: Mona Jasnow, Org. 770
Master: sVHS
Audio 1: Mono mix 2: Mono mix
03/01/1994 - 0:06:00

AVC-1994-104-1/1 **SIR-C/X-SAR/STS-59 Computer Animation Press Release**
SHUTTLE ORBIT COMPUTER ANMIMATION 0:01:20
This prelaunch SIR-C/X-SAR computer animation combines
Galileo Earth image data with a model of the shuttle to
illustrate an artist's conception of the shuttle orbiting
the Earth. Second we see three colored ellipses emanating
from the shuttle bay representing the three radar
frequencies, I, C and X bands.
SUPERSITES 0:01:47
This prelaunch SIR-C/X-SAR computer animation uses a
cloudless AVHRR map of the Earth to depict the nineteen
mission supersites.
Audience: News
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Silent 2:
NOTE: Not for release use AVC-94-116.
03/29/1994 - 0:03:15

AVC-1994-105-1/3 **SIR-C/X-SAR, STS-59, L-14 Press Conferences**
MISSION OVERVIEW (0:18:00) -
Al Pennington, Lead Flight Director
Kelly Humphries, moderator.
SPACE RADAR LABORATORY OVERVIEW (0:43:00) -
Miriam Baltuck, SRL-1 Program Scientist
Lew Wade, SRL-1 Mission Manager
Kelly Humphries, moderator
SIR-C/X-SAR SCIENCE BRIEFING (1:05:00) -

[on parts 1 & 2]

Mike Sander, SIR-C Project Manager, JPL;
Manfred Wahl, X-SAR Project Manager, DARA;
Paolo Ammendola, X-SAR Deputy Project Mngr, ASI;
Diane Evans, SIR-C Project Scientist; JPL
Herwig Ottl, German X-SAR Project Scientist
Mario Calamia, Italian X-SAR Project Scientist
MAPS SCIENCE BRIEFING (0:25:00) - Hank Riechle

[part 3]

ASTRONAUT BRIEFING (0:53:00)

Kevin Chilton, Pilot

Mission Specialists: Linda Goodwin, Rich Clifford, Jay Apt,
Tom Jones

Sid Gutierrez, moderator

COMPUTER ANIMATION (0:04:00)

AVC-94-104-1/1

Audience: News Site: JSC
Client: Mona Jasnow/PIO, Org. 770
Master: M-II
Audio 1: Mono mix 2: Mono mix
Total Run Time: 2:23:00
03/29/1994 - 1:30:00 Producer: Borst

AVC-1994-105-2/3

SIR-C/X-SAR, STS-59, L-14 Press Conferences

Part 2 of 3.

Audience: News Site: JSC
Client: Mona Jasnow/PIO, Org. 770
Master: M-II
Audio 1: Mono mix 2: Mono mix
Total Run Time: 2:23:00
03/29/1994 - 1:00:00 Producer: Borst

AVC-1994-105-3/3

SIR-C/X-SAR, STS-59, L-14 Press Conferences

Part 3 of 3.

Audience: News Site: JSC
Client: Mona Jasnow/PIO, Org. 770
Master: M-II
Audio 1: Mono mix 2: Mono mix
Total Run Time: 2:23:00
03/29/1994 - 0:53:00 Producer: Borst

AVC-1994-106-1/1

SIR-C/X-SAR, STS-59, L-14 Press Conferences (EDITED)

Condensed version of the 3/29/94 press conferences
(AVC-94-105 parts 1-3.

Intended for playback to JPL employees

Audience: Gen. Site: JSC

Client: Mona Jasnow/PIO, Org. 770
Master: M-II
Audio 1: Mono mix 2: Mono mix
03/29/1994 - 0:59:10 Producer: Semerano

AVC-1994-107-1/1 **STS-61 Hubble Servicing and WF/PC Highlights**

VTV-619

Brief highlights of the Hubble Servicing Mission.
Shows the first comparison images from the Wide
Field/Planetary Cameras I & II.

Audience: Gen.

Client: Kane Casani, Org. 2030

Master: 1"C

Audio 1: Mono mix 2: Mono mix

04/01/1994 - 0:03:29 Producer: Stealey/Savona

AVC-1994-108-1/1 **SIR-C/X-SAR Insertion of Antenna into Cargo Bay & Door Closure**

Raw resource footage, natural sound.

2/16/94 SRL P/L Into STS-59 Orbiter

3/3/94 Cargo Bay Door Closure/SRL

Audience: Resource

Site: KSC

Client: Mona Jasnow, Org. 770

Master: sVHS

Audio 1: Mono mix 2: Mono mix

02/16/1994 - 1:50:00 Producer: KSC

AVC-1994-112-1/2 **TRC Compilation Tape - JPL Computer Graphics**

JPL Teacher's Resource Center's master duplication tape.

Consists of:

[master - tape 1]

AVC-91-111 JPL Solar System Visualization Project

Magellan at Venus

Galileo at Earth

Voyager at Jupiter

-- VENUS --

AVC-92-001 Magellan: Mapping the Planet Venus

AVC-91-122 Alpha Regio

AVC-91-092 Western Eistla Regio -

Sif Mons and Gula Mons

AVC-91-031 Western Ishtar Regio

AVC-92-024 Artemis Chasma

AVC-92-105 Western Atla Regio

-- EARTH AND MOON --

AVC-87-026 L.A. The Movie

AVC-88-087 Earth The Movie

AVC-91-082 Monterey The Bay

AVC-91-133 Geological Tour of the Central Wyoming

Basin
AVC-93-084 Galileo Earth/Moon 2
"Flight over the Moon"
"Images of Earth"
"A Last View of Earth"
Naval Research Lab - 1/4 Degree 5.5 Layer Model
Global Sea Level Changes - Comparison between the
Topex/Poseidon Observations and a Numerical Ocean
Model
AVC-92-124 Global Ozone Concentration Movies
-- MARS --
AVC-89-012 Mars The Movie
[master - tape 2]
ASTEROIDS -
AVC-91-018 Radar Images of Asteroid 1989 PB (4769
Castalia)
AVC-92-025 Galileo: Gaspra Closest Approach Anima.
-- JUPITER --
AVC-89-154 Voyager: The Last Picture Show
AVC-90-007 Galileo, the Jovian Laboratory
Jupiter Magnetosphere Computer Animation
-- URANUS --
AVC-88-009 Miranda The Movie
AVC-94-164 Out of the Darkness - Mission to Pluto
Audience:
Client: Phil Schmidt, Org. 183
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/04/1994 - 1:26:30 Producer: Savona

AVC-1994-112-2/2 **TRC Compilation Tape - JPL Computer Graphics**
Part 2 of 2
Audience:
Client: Phil Schmidt, Org. 183
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/04/1994 - 0:26:12 Producer: Savona

AVC-1994-113-1/1 **SIR-C/X-SAR L-1 News Conference**
Participants:
Dr. Charles S. Kennel, Assoc. Admin., Mission to Planet
Earth; Prof. Heinz Stoewer, Managing Director, German Space
Agency; Prof. S. Leschuita, Chairman of Italian Scientific
Committee; Brewster Shaw, Director Space Shuttle Operations;
Robert Sieck, KSC Launch Director; Capt. Tyree Wilde, Air
Force Staff Meteorologist; Dick Young, Moderator.

Audience: News Site: KSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp Submaster: M-II
Audio 1: Mono mix 2: Mono mix
04/07/1994 - 1:06:00 Producer: KSC/NASA TV

AVC-1994-116-1/1 **SIR-C/X-SAR/STS-59 Computer Animation Press Release**
1. SIR-C/X-SAR Shuttle orbits 9-12 Animation - A simulated view of shuttle orbits 9-12 around the Earth. Second, the radar instrument with L, C and X band antennas highlighted in three colors. Last, three colored ellipses emanating from the antennas mounted in the shuttle bay, representing the three radar frequencies. (Approx. 2:15)
2. SIR-C/X-SAR Animation in Shuttle - A close-up of the Sir-C/X-Sar instrument highlighting the flexibility of the X-Sar instrument panels. (Approx. 0:00:30)
3. SIR-C/X-SAR/STS-59 Computer Animation - Computer animation highlights the 19 global supersites using a cloudless AVHRR map of the Earth to show the locations to be studied by the shuttle-borne instrument. (Approx. 0:01:45)
4. SIR-C/X-SAR Simulated Flight over Stove Pipe Wells, Death Valley, Calif. (00:01:40)

Audience: News
Client: E. Mc Nevin/PIO, Org. 181
Master: BCAMs
Audio 1: Mono mix 2: Mono mix
----> USE AVC-94-144 Collection <----
04/16/1994 - 0:06:10 Producer: Semerano

AVC-1994-117-1/1 **STS-59 Launch & Replays**
Launch of Shuttle STS-59 and the SIR-C/X-SAR payload. Launch at 0:13:00.

Audience: Gen. Site: KSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/09/1994 - 0:43:26 Producer: KSC/NASA TV

AVC-1994-118-1/1 **SIR-C/X-SAR/STS-59 4/9/94 Mission Update**
Mission Update with Rob Navias.
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: 3/4"
Audio 1: Mono mix 2: Mono mix BRF1066
04/09/1994 - 0:16:45 Producer: JSC/NASA TV

- AVC-1994-119-1/1 **STS-59 Post Launch Press Briefing & Launch Replays**
 0:16:20 Post Launch Briefing with
 Loren Shriver, Launch Integration Manager and Robert Sieck,
 KSC Launch Director.
 0:32:30 Launch Replays
 Audience: News Site: KSC
 Client: Mona Jasnow, Org. 7700
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/09/1994 - 0:48:50 Producer: KSC/NASA TV
- AVC-1994-120-1/1 **SIR-C/X-SAR/STS-59 4/10/94 Flight Day 1 Highlights**
 Scenes from Space Shuttle Endeavour including the Space
 Radar Laboratory mission.
 Audience: Gen. Site: JSC
 Client: Mona Jasnow, Org. 7700
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/09/1994 - 0:31:00 Producer: JSC/NASA TV
- AVC-1994-121-1/1 **SIR-C/X-SAR/STS-59 4/10/94 Mission Update & Status Briefing**
 17:11 Mission Update with Rob Navias.
 31:00 Status Briefing with
 Randy Stone, STS-59 Mission Operations Director;
 Dr. Miriam Baltuck, SRL-1 Pgm. Scientist, NASA-HQ;
 Dr. Ed Stone, Director, JPL;
 Dr. Charles Elachi, JPL Science Team Leader, SIR-C, JPL;
 Prof. Heinz Stoewer, Managing Director German Space Agency
 (DARA)
 Audience: News Site: JSC
 Client: Mona Jasnow, Org. 7700
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/10/1994 - 0:48:11 Producer: JSC/NASA TV
- AVC-1994-122-1/1 **SIR-C/X-SAR/STS-59 4/10/94 Flight Day 2 Highlights**
 Scenes from Space Shuttle Endeavour including the Space
 Radar Laboratory mission.
 Audience: Gen.
 Client: Mona Jasnow, Org. 7700
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/10/1994 - 0:34:00 Producer: JSC/NASA TV
- AVC-1994-123-1/1 **SIR-C/X-SAR/STS-59 4/11/94 Mission Update & Status Briefing**
 20:00 Mission Update with Rob Navias.

31:42 Status Briefing with
Randy Stone, Mission Operations Director;
Dr. Diane Evans, JPL, SIR-C Proj. Scientist;
Dr. Herwig Oettl, Germany X-SAR Proj. Scientist.
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/11/1994 - 0:51:42 Producer: JSC/NASA TV

AVC-1994-124-1/1 **SIR-C/X-SAR/STS-59 4/11/94 Flight Day 3 Highlights**
Scenes from Space Shuttle Endeavour including the Space
Radar Laboratory mission.
Audience: Gen.
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/11/1994 - 0:31:00 Producer: JSC/NASA TV

AVC-1994-125-1/1 **SIR-C Visual History**
Documentation of certain phases of SIR-C's development.
1)The Construction 2)First Flight Results 3) Post Flight
Talk by Astronauts 4) Flight 2 Delay 5) Aboard Endeavor 6)
Second Flight Results 7) Post Flight Press Conference 8)
Final Views from Space 9) Credits 10) Timelapse Const.
Audience: Gen.
Client: Mike Sander, Org. 7700
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/12/1994 - 0:59:36 Producer: Semerano/Savona

AVC-1994-127-1/1 **SIR-C/X-SAR/STS-59 4/12/94 Mission Update & Status Briefing**
20:00 Mission Update with Rob Navias.
40:00 Status Briefing with
Randy Stone, Mission Operations Director;
Dr. Henry Reichle, MAPS Principal Investigator;
Dr. Herwig Oettl, X-SAR Proj. Scientist, Germany;
Bob Beal, Wave Forecasting Exp., John Hopkins Applied
Physics Lab.
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/12/1994 - 1:00:00 Producer: JSC/NASA TV

AVC-1994-128-1/1 **SIR-C/X-SAR/STS-59 4/12/94 Flight Day 4 Highlights**

Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.

Audience: Gen. Site: JSC

Client: Mona Jasnow, Org. 7700

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/12/1994 - 0:45:03 Producer: JSC/NASA TV

AVC-1994-129-1/1 **SIR-C/X-SAR/STS-59 4/13/94 Mission Update & Status Briefing**

17:21 Mission Update with Rob Navias.

31:20 Status Briefing with

Randy Stone, Mission Operations Director;

Dr. Jobea Way, SIR-C Ecology Experiment Rep.;

Dr. Herwig Oetl, X-SAR Proj. Scientist, Germany;

Dr. Mario Calomia, X-SAR, Italian Proj. Scientist.

Audience: Gen. Site: JSC

Client: Mona Jasnow, Org. 7700

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/13/1994 - 0:48:41 Producer: JSC/NASA TV

AVC-1994-130-1/1 **SIR-C/X-SAR/STS-59 4/13/94 Flight Day 5 Highlights**

Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.

Audience: Gen. Site: JSC

Client: Mona Jasnow, Org. 7700

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/13/1994 - 0:30:45 Producer: JSC/NASA TV

AVC-1994-131-1/1 **SIR-C/X-SAR/STS-59 4/14/94 Mission Update & Status Briefing**

17:00 Mission Update with Rob Navias.

32:00 Status Briefing with

Randy Stone, Mission Operations Director;

Dr. Diane Evans, JPL, SIR-C Proj. Scientist;

Cristiana Schmillius, X-SAR Science Team Leader.

Audience: Gen. Site: JSC

Client: Mona Jasnow, Org. 7700

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/14/1994 - 0:49:00 Producer: JSC/NASA TV

AVC-1994-132-1/1 **SIR-C/X-SAR/STS-59 4/14/94 Flight Day 6 Highlights**

Scenes from Space Shuttle Endeavour including the Space Radar Laboratory mission.

Audience: Gen. Site: JSC

Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/14/1994 - 0:32:00 Producer: JSC/NASA TV

AVC-1994-133-1/1 **SIR-C/X-SAR/STS-59 4/15/94 Mission Update & Status Briefing**
16:20 Mission Update with Rob Navias.
27:30 Status Briefing with
Randy Stone, Mission Operations Director;
Dr. Miriam Baltuck, SRL-1 Project Scientist;
Dr. Herwig Oettl, X-SAR Proj. Scientist, Germany;
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/15/1994 - 0:43:50 Producer: JSC/NASA TV

AVC-1994-134-1/1 **SIR-C/X-SAR/STS-59 4/15/94 Flight Day 7 Highlights**
Scenes from Space Shuttle Endeavour including the
Space Radar Laboratory mission.
Audience: Gen. NASA Site: JSC/NASA TV
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/15/1994 - 0:33:00

AVC-1994-135-1/1 **SIR-C/X-SAR/STS-59 4/16/94 Mission Update, Status Briefing, Highlights**
12:43 Mission Update with Rob Navias.
15:38 Status Briefing with Dr. Charles Elachi, JPL Science
Team Leader, SIR-C, JPL; Dr. Herwig Oettl, X-SAR Proj.
Scientist, Germany.
34:47 Flight Day 8 Mission Highlights
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/16/1994 - 1:03:30 Producer: JSC/NASA TV

AVC-1994-137-1/1 **SIR-C/X-SAR/STS-59 4/17/94 Mission Update & Status Briefing**
11:30 Mission Update with Rob Navias.
12:00 Status Briefing with
Randy Stone, Mission Operations Director;
Dr. Diane Evans, JPL, SIR-C Proj. Scientist;
Cristiana Schmullius, X-SAR Science Team Leader;
Steve Wall, JPL.

Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/17/1994 - 0:23:30 Producer: JSC/NASA TV

AVC-1994-138-1/1 **SIR-C/X-SAR/STS-59 4/17/94 Flight Day 9 Highlights**
Scenes from Space Shuttle Endeavour including the Space
Radar Laboratory mission.

Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/17/1994 - 0:41:21 Producer: JSC/NASA TV

AVC-1994-139-1/1 **SIR-C/X-SAR/STS-59 4/18/94 Mission Update & Status/Science Briefings**

14:30 Mission Update with Rob Navias.
6:00 Status Briefing with Rich Jackson.
35:00 SLR-1 Science Briefing with
Dr. Mario Calomia, X-SAR, Italian Proj. Scientist;
Dr. Diane Evans, JPL, SIR-C Proj. Scientist;
Dr. Herwig Oetl, X-SAR Proj. Scientist, Germany.
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/18/1994 - 0:55:30 Producer: JSC/NASA TV

AVC-1994-140-1/1 **SIR-C/X-SAR/STS-59 4/18/94 Flight Day 10 Highlights**
Scenes from Space Shuttle Endeavour including the Space
Radar Laboratory mission.

Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/18/1994 - 0:28:00 Producer: JSC/NASA TV

AVC-1994-141-1/1 **SIR-C/X-SAR/STS-59 Post Landing and Wrap Up Briefings**

19:15 Post Landing Briefing with
Brewster Shaw, Director Space Shuttle Ops.;
Rich Jackson, STS-59 Entry Flight Director.
35:07 SLR-1 Wrap Up Briefing with
Neil Hernan, SIR-C Deputy Project Manager;
Manfred Wahl, X-SAR German Project Manager;
Paolo Ammendola, X-SAR Italian Project Manager;

John Fedoris, MAPS Project Manager.
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/19/1994 - 0:58:15 Producer: JSC/NASA TV

AVC-1994-142-1/1 **STS-61 Mission Highlights (Special Edit)**

Special edit of AVC-94-050.
Hubble's First Servicing Mission
Audience: Gen.
Client: Dr. Stone, Org. 100
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/01/1994 - 0:08:00 Producer: Borst

AVC-1994-144-1/1 **SIR-C/X-SAR STS-59 Computer Animation Collection - 4/18/94**

VTV-468

0:00 Computer simulated flight over Isabela
Galapagos Islands, Ecuador
April 18, 1994 (1:35)
1:40 Computer simulated flight over Stove Pipe
Wells
Death Valley, California
April 17, 1994 (1:40)
3:30 Fort Zinder, Sahara
Comparison of radar and optical observations
April 18, 1994 (2:40)
6:20 Prince Albert, Canada
Comparison of radar and optical observations
for orbits 20 and 84
April 18, 1994 (2:15)
8:45 Prince Albert, Canada
Comparison of radar and optical observations
April 13, 1994 (2:10)
11:10 Shuttle Orbit Computer Animation
(orbits 6-1 2)
For Launch Press Conference
April 9, 1994 (2:40)
13:45 STS-59 Launch (1:55)
16:00 Supersites
For Prelaunch Press Conference
March 29, 1994 (1:50)
17:55 Shuttle Orbit Computer Animation
For Prelaunch Press Conference
March 29, 1994 (1:20)
Audience:

Client: Mona Jasnow, Org. 7700
Master: BCAMs Submaster: 1"C
Audio 1: Silent 2: Silent
04/18/1994 - 0:19:21 Producer: De Jong/Savona

AVC-1994-148-1/1 **SIR-C/X-SAR/STS-59 4/20/94 Landing and Replays**
9:00 STS-59 Landing at Dryden Space Flight Center
19:00 STS-59 Landing Replays
Audience: Gen. Site: JPL
Client: Mona Jasnow, Org. 7700
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/20/1994 - 0:28:00 Producer: Borst

AVC-1994-150-1/1 **STS-51 Mission Highlights Resources Tape**
September 12 - 22, 1993; Discovery
(ACTS) (ORFEUS-SPAS) (LDCE) (CHROMEX-4) (RME-III) (AMOS)
(APE-B) (CPCG) (HRSGS-A) (IPMP)
CREW: Frank Culbertson, Commander; William Readdy, Pilot;
Jim Newman, Mission Spec. 1; Dan Bursch, Mission Spec. 2;
Carl Walz, Mission Specialist 3
Audience: Gen. Site: JSC
Client: , Org. NASA
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/01/1994 - 0:46:00 Producer: JSC

AVC-1994-153-1/1 **SIR-C/X-SAR Radar Swath over Rwanda and Gorilla activity in same area**
1. SIR-C/X-SAR radar data of Central Africa. The large lake is Lake Kivy near the border of Zaire and Rwanda. The radar swath continues over the country of Rwanda and a chain of volcano shown is Mount Muhavura. The video ends over Uganda.
2. The following b-roll video is provided by the Diane Fossey Gorilla Fund. It was shot in 1991 near the Fund's research facility in Karisoke, Rwanda.
Audience: Site: various
Client: Mary Hardin, Org. 181
Master: 1"C Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
05/05/1994 - 0:09:00 Producer: Semerano

AVC-1994-155-1/1 **The Night Sky - Annular Eclipse Special Edition - Program 20**
Live coverage of the May 10, 1994 annular eclipse of the Sun by the Moon. David Seidel hosted the show from Wausean, Ohio, 12:30 - 1:30 p.m. EDT.

Audience: Gen. Edu. Site: Wausean, OH
Client: NASA TV, Org. NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
05/10/1994 - 1:00:00 Producer: Stealey

AVC-1994-156-1/2 **STS-59 Astronaut Presentation & SIR-C Mission Experience**
VTV-473

The crew of the STS-59 Mission talk about their experience aboard the shuttle. Dr. Charles Elachi, Assistant Lab Director introduces the crew and presents them with awards. Crew members present; Sidney Gutierrez, Kevin Chilton, Linda Godwin, Jay Apt & Richard Clifford.
Audience: Gen. Site: 186-AUD
Client: Mona Jasnow, Org. 326
Master: 1"C
Audio 1: Mono mix 2: Mono mix
TRT 1:40:00
05/06/1994 - 1:33:00 Producer: Semerano

AVC-1994-156-2/2 **STS-59 Astronaut Presentation & SIR-C Mission Experience**
VTV-473

The crew of the STS-59 Mission talk about their experience aboard the shuttle. Dr. Charles Elachi, Assistant Lab Director introduces the crew and presents them with awards. Crew members present; Sidney Gutierrez, Kevin Chilton, Linda Godwin, Jay Apt & Richard Clifford.
Audience: Gen. Site: 186-AUD
Client: Mona Jasnow, Org. 326
Master: 1"C
Audio 1: Mono mix 2: Mono mix
TRT 1:40:00
05/06/1994 - 0:07:00 Producer: Semerano

AVC-1994-157-1/1 **STS-59 Post Flight Presentation**

Review of the STS-59 Shuttle flight with the SIR-C/X-SAR experiment on board. The astronauts showed images and shared their experiences with a JSC audience in Teague Auditorium at JSC.
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 7700
Master: M-II
Audio 1: Mono mix 2: Mono mix
05/10/1994 - 1:10:00 Producer: JSC/NASA

AVC-1994-158-1/1 **Shoemaker-Levy 9 Comet Impact with Jupiter Animation Collection**
2:40 - "A Viewer's Guide to the Shoemaker-Levy 9 Comet Impact with Jupiter"

(JPL) Computer animation simulates two views of the Shoemaker-Levy 9 comet impact with Jupiter. First the view from Earth on July 16, 1994. Next we see the view from the Galileo spacecraft. Symbols are used to represent the comet and its point of entry based on predictions dated April 23, 1994. The time scale has been sped up so that eighty minutes of Jupiter's rotation takes one second. The speed of the comet has been slowed down by a factor of five compared with Jupiter's rotation.

0:42 - "Animation of Impact of First Six Nuclei"

(Space Telescope Science Institute)

0:53 - "Animation of Comet Collision with Jupiter from Io's Point of View"

(Lowell Observatory)

1:07 - "Impact of Comet and Changes it Undergoes when Striking Jupiter's Surface"

(University of Chicago and Ames Research Center)

0:40 - "Response of Jupiter's Atmosphere to Comet" (MIT)

Audience: Resource

Client: PIO, Org. 182

Master: BCAMsp Submaster: BCAMsp

Audio 1: Silent 2: Silent

05/18/1994 - 0:14:00 Producer: various

AVC-1994-159-1/2
VTV-475

Comet Shoemaker-Levy 9: Discovery and Future

The circumstances surrounding the discovery of comet Shoemaker-Levy 9. David Levy, co-discoverer of the comet, gives his presentation in von Kármán Auditorium using slides and viewgraphs. He is introduced by Galileo Project Manager, William O'Neil. Following David Levy's talk is a short presentation by Galileo Project Scientist, Dr. Torrence Johnson, who shows AVC-94-158 to the audience; an animation produced by the Dial Lab. At the end of the talk, questions from the audience are answered by both David Levy and Dr. Johnson.

Audience: Gen. Site: von Kármán

Client: Maynard Hine, Org. 2300

Master: M-II Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT 1:39:00

05/17/1994 - 1:33:00 Producer: Semerano

AVC-1994-159-2/2
VTV-475

Comet Shoemaker-Levy 9: Discovery and Future PART 2

Audience: Gen. Site: von Kármán

Client: Maynard Hine, Org. 2300

Audio 1: Mono mix 2: Mono mix
05/26/1994 - 0:06:37 Producer: Savona

AVC-1994-166-1/1 **Supermassive Black Holes: The Smoking Gun**
"Space Astronomy Update"
News conference from NASA Hq. concerning the positive evidence of a black hole in the Galaxy M87. Q&A at end.
Note: B-roll footage at beginning.
Audience: News Site: NASA HQ
Client: S. Bridges, Org. 182
Master: M-II Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/27/1994 - 1:15:57 Producer: NASA TV

AVC-1994-167-1/1 **A Lunar Day at the South Pole**
Animation sequence shows the passing of a lunar day at the south pole of the Moon. The video displays red filter images taken on successive orbits by the Clementine spacecraft's ultraviolet/visible camera. The top half of the frame faces towards Earth.
Audience: Gen.
Client: SSV/Clementine, Org. SSV
Master: BCAMsp
Audio 1: Silent 2: Silent
05/26/1994 - 0:02:14 Producer: E. De Jong

AVC-1994-169-1/1 **Pluto/Charon Computer Animation Resource Footage**
1. Spacecraft Instruments animation - 0:20
2. Main Title animation - 0:27
3. Atmosphere Rising up from the Surface and Freezing onto the Surface animation - 0:25
4. Spacecrafts passing Pluto and Charon animation - 0:15
5. Pluto/Charon are compared to United States followed by a fly-thru of the outer planets animation - 0:56
6. Spacecraft Trajectory animation - 0:09
7. Pluto/Charon with spacecraft animation - 0:06
8. Pluto's Orbital Path animation - 0:07
Audience: Resource Site: JPL
Client: Stephen Brewster, Org. 311
Master: BCAMsp
Audio 1: Silent 2: Silent
06/02/1994 - 0:07:20 Producer: Savona

AVC-1994-173-1/1 **Telemanipulation with Exoskeleton Telepresence**

Status report on a robotic arm which resembles and mimics the action of a human arm and hand. The device functions through sensors attached to a specially outfitted glove the operator wears, allowing the mechanical arm to perform tasks with ordinary tools.

Audience: Tech. Site: Bldg. 198

Client: Dr. Bejczy, Org. 347

Master: 1"C

Audio 1: Narration 2: Effects

06/17/1994 - 0:04:30 Producer: Semerano

AVC-1994-176-1/1 **Ulysses: Exploring the Sun's Southern Pole**

An edited video production illustrating ESA and NASA's Ulysses spacecraft's exploration of the sun's southern pole. Production uses computer animation and an interview with Dr. Ed Smith, Project Scientist for NASA to describe the mission objectives. This is a press release.

Audience: Gen. Site: JPL

Client: Ed Massey & PIO, Org. 280

Master: 1"C Submaster: BCAMsp

Audio 1: Stereo mix 2: Stereo mix

06/22/1994 - 0:06:01 Producer: Savona

AVC-1994-177-1/1 **From the Arroyo to Deep Space: The First 50 Years of JPL**
VTV-489

Visual history of JPL from it's beginning in the Arroyo Seco testing rockets, to Voyager and beyond. The history of JPL is told by the laboratory directors of that time, Dr. Pickering,

Dr. Murray, Dr. Allen and Dr. Stone each tell the story of the lab during their directorships.

Audience: Gen.

Client: George Alexander, Org. 1800

Master: 1"C Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

06/27/1994 - 0:33:24 Producer: John R. Stealey

AVC-1994-181-1/1 **Global Sea Level Changes**

--The First Year of Topex/Poseidon Observations--

09/23/92 to 09/27/93 (repeated two times)

Comparison between the Topex/Poseidon observations and a numerical ocean model (repeated 3 times).

By Lee-Lueng Fu, Yi Chao, and Denis Leconte

Audience: Tech.

Client: Leconte/PIO, Org. 3237

Master: BCAMsp Submaster: BCAMsp

Audio 1: None 2: None

06/24/1994 - 0:05:45 Producer: Leconte

AVC-1994-182-1/1 **The Project Design Center - "Paving the Spaceways of the Future"**

This edited production shows how the Project Design Center(PDC) and newly developed software will be used to efficiently design spacecraft and their mission objectives. Produced to be made available for the PDC's dedication and JPL's Open House.

Audience: Gen. Site: JPL

Client: E. Kane Casani, Org. 203

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/30/1994 - 0:04:15 Producer: Semerano/Savona

AVC-1994-183-1/1 **Aeronautics & Space Report #267 - Comet Impacts Jupiter**

Pre-impact report on the comet Shoemaker-Levy 9 impact with Jupiter. Gives the story of it's discovery and the observations that will be performed. Includes interviews and animation.

Spot, 1:40; Feature, 6:14; B-roll, 4:51.

Audience: Gen.

Client:

Master: BCAMsp Submaster: BCAMsp

Audio 1: Full mix 2: Nat. Sound

06/24/1994 - 0:12:45 Producer: NASA

AVC-1994-184-1/1 **SIR-C/X-SAR FIRST AND SECOND FLIGHT RESULTS**
VTV-533

Narrated overviews of data returned by SIR-C/X-SAR which flew on STS-59 & STS-68. Included in the production are a combination of both stills and flyover movies based on the spaceborne imaging radars plus special maps that were produced from the science returned by the missions.

Audience: Gen. Site: JPL

Client: Mona Jasnow

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/14/1995 - 0:07:41 Producer: SEMERANO/SAVONA

AVC-1994-186-1/1 **Comet Shoemaker-Levy 9: Countdown to Impact**
VTV-486

A talk on the science that is expected to be returned from the instruments trained on Jupiter as the Comet Shoemaker-Levy prepares to impact its surface. Speakers include Dr. Donald Yeomans, Robert Mitchell and Dr. John Trauger.

Audience: Gen. Site: Auditorium

Client: Dr. Chahine

Master: 1"C
Audio 1: Mono mix 2: Mono mix
07/11/1994 - 1:27:00 Producer: Semerano

AVC-1994-188-1/1 **Flight System Testbed - July 1994 Update**
This updated production explains how the Flight System Testbed has been involved in the development of the Mars/Pathfinder mission, and how the Testbed has been evaluating new flight hardware and software.
Audience: Site: FSTB/179
Client: Nick Thomas
Master: BCAMsp Submaster: 1"C
Audio 1: Mono mix 2: Mono mix
07/15/1994 - 0:06:05 Producer: Stealey

AVC-1994-189-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #1 - 4:30pm PDT**
From Space Telescope Science Institute (STScI)
Presenters: Eugene and Carolyn Shoemaker, and David Levy, co-discoverers of the comet.
They discussed the discovery and early observations of the comet's impact with Jupiter.
Audience: News Site: STScI, MD
Client: PIO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/16/1994 - 1:01:00 Producer: NASA TV/STScI

AVC-1994-190-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #2 - 7:00pm PDT**
From Space Telescope Science Institute (STScI)
Presenters: Heidi Hammel, Hal Weaver, Keith Noll, John Clarke, Robert West, Melisa McGrath.
They discussed early observations of the comet's impact with Jupiter.
Audience: News Site: STScI, MD
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/16/1994 - 0:45:10 Producer: NASA TV/STScI

AVC-1994-191-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #3 - 7:00am PDT**
From Space Telescope Science Institute (STScI)
Presenters: Eugene and Carolyn Shoemaker, David Levy, and Heidi Hammel.
They discussed early observations of the comet's impact with Jupiter.
TRT 1:21:00

Audience: News Site: STScI, MD
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/17/1994 - 1:03:00 Producer: NASA TV/STScI

AVC-1994-191-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #3 - 7:00am PDT**
PART 2, TRT 1:21:00

Audience: News Site: STScI, MD
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/17/1994 - 0:18:34 Producer: NASA TV/STScI

AVC-1994-192-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #4 - 5:00am PDT**

From Goddard Space Flight Center
Presenters: Eugene Shoemaker, John Clark, Lucy McFadden.
They discussed observations of the comet's impact with
Jupiter.

Audience: News Site: Goddard
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/18/1994 - 0:50:00 Producer: NASA TV

AVC-1994-193-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #5 - 1:00pm PDT**

From Goddard Space Flight Center
Presenters: Heidi Hammel and Eugene Shoemaker.
They gave an update on the observations made by the Hubble
Space Telescope of the comet's impact with Jupiter.

Audience: News Site: Goddard
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/18/1994 - 0:47:48 Producer: NASA TV/Goddard

AVC-1994-194-1/1 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #6 - 5:00am PDT**

From Goddard Space Flight Center
Presenters: Keith Noll, Steve Maran, Lucy McFadden.
They gave an update on the observations made by the Hubble
Space Telescope of the comet's impact with Jupiter.

Audience: News Site: Goddard
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/19/1994 - 1:00:00 Producer: NASA TV/Goddard

AVC-1994-195-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #7 - 9:00am PDT**

From Goddard Space Flight Center

Presenters: Roger Yelle, Renee Prange, Steve Maran, Lucy McFadden and David Levy.

They gave an update on observations of the comet's impact with Jupiter made by the Hubble Space Telescope, ground based telescopes and Galileo.

Audience: News

Site: Goddard

Client: PIO, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT 1:10:00

07/20/1994 - 1:01:00 Producer: NASA TV/Goddard

AVC-1994-195-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #7 - 9:00am PDT**

From Goddard Space Flight Center

Presenters: Roger Yelle, Renee Prange, Steve Maran, Lucy McFadden and David Levy.

They gave an update on observations of the comet's impact with Jupiter made by the Hubble Space Telescope, ground based telescopes and Galileo.

Audience: News

Site: Goddard

Client: PIO, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT 1:10:00

07/20/1994 - 0:10:00 Producer: NASA TV/Goddard

AVC-1994-197-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #8 - 5:00am PDT**

From Goddard Space Flight Center

Presenters: Hal Weaver, Rita Beebe, Eugene Shoemaker, Lucy McFadden and David Levy.

They gave an update on observations of the comet's impact with Jupiter made by the Hubble Space Telescope, ground based telescopes and Galileo.

Audience: News

Site: Goddard

Client: PIO, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT 1:10:00

07/21/1994 - 1:01:00 Producer: NASA TV/Goddard

AVC-1994-197-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #8 - 5:00am PDT**

From Goddard Space Flight Center

Presenters: Hal Weaver, Rita Beebe, Eugene Shoemaker, Lucy

McFadden and David Levy.
They gave an update on observations of the comet's impact with Jupiter made by the Hubble Space Telescope, ground based telescopes and Galileo.

Audience: News Site: Goddard
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 1:10:00
07/21/1994 - 0:10:00 Producer: NASA TV/Goddard

AVC-1994-199-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #9 - 11:00am PDT**

From Goddard Space Flight Center
Presenters: Robert West, Andrew Ingersoll, Eugene Shoemaker, Lucy McFadden and David Levy.
They gave an update on observations of the comet's impact with Jupiter made by the Hubble Space Telescope, ground based telescopes and Galileo.

Audience: News Site: Goddard
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 1:30:00
07/22/1994 - 1:00:00 Producer: NASA TV/Goddard

AVC-1994-199-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #9 - 11:00am PDT**

From Goddard Space Flight Center
Presenters: Robert West, Andrew Ingersoll, Eugene Shoemaker, Lucy McFadden and David Levy.
They gave an update on observations of the comet's impact with Jupiter made by the Hubble Space Telescope, ground based telescopes and Galileo.

Audience: News Site: Goddard
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 1:30:00
07/22/1994 - 0:30:00 Producer: NASA TV/Goddard

AVC-1994-200-1/1 **Mars Global Mosaic**

This production uses new Global Mars Image and Terrain Base from the U.S. Geological Survey to create an animation flyover of Mars. The animation was rendered on JPL/CIT supercomputers using JPL's new remote, interactive science

data visualization and analysis tools.
Audience: Gen. Site: JPL
Client: Dave Curkendall, Org. 825
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
Copyrighted Music - Do Not Duplicate
07/25/1994 - 0:04:00 Producer: Savona

AVC-1994-201-1/1 **Special Compilation of SIR-C Images for JPL's Open House**

1. AVC-94-184 Results of First Flight of SIR-C
2. AVC-94-144 SIR-C Animation Collection
3. AVC-94-125 "Perspectives of Builders" from A Brief Visual History of SIR-C
Audience: Gen.
Client: Mona Jasnow
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
07/13/1994 - 0:31:00 Producer: Semerano

AVC-1994-202-1/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #10 - 8:00am PDT**

From Goddard Space Flight Center
Presenters: Heidi Hammel, Melisa McGrath ,Eugene Shoemaker, Carolyn Shoemaker, Lucy McFadden and David Levy. They gave an update on observations of the comet's impact with Jupiter made by the HST, Galileo and ground based telescopes.
Audience: News Site: Goddard
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 1:20:50
07/23/1994 - 1:00:00 Producer: NASA TV/Goddard

AVC-1994-202-2/2 **Comet Shoemaker-Levy 9 Post Impact Media Briefing #10 - 8:00am PDT**

From Goddard Space Flight Center
Presenters: Heidi Hammel, Melisa McGrath ,Eugene Shoemaker, Carolyn Shoemaker, Lucy McFadden and David Levy. They gave an update on observations of the comet's impact with Jupiter made by the HST, Galileo and ground based telescopes.
Audience: News Site: Goddard
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 1:20:50
07/23/1994 - 0:20:50 Producer: NASA TV/Goddard

- AVC-1994-204-1/1 **STS-68 L-14 Press Conference**
 VTV-488 SIR-C/X-SAR (SRL Component Briefings) of STS-68
 L-14 Press Conference
 Speakers: Dr. Diane Evans, SIR-C Project Scientist Dr.
 Wolfgang Keydel, X-SAR Results Professor Giorgio
 Franceschetti, Interferometry. Broadcast on NASA Select
 from von Kármán Auditorium.
 Audience: Tech. Site: von Kármán
 Client: Mona Jasnow, Org. 3235
 Master: M-II Submaster: 1"C
 Audio 1: Mono mix 2: Mono mix
 07/28/1994 - 1:12:00 Producer: Savona
- AVC-1994-209-1/2 **STS-61 Mission Highlights Resource Tape**
 Hubble Space Telescope (HST) servicing mission by the Space
 Shuttle Endeavour. The mission replaced the Wide
 Field/Planetary Camera and other instruments.
 TRT 2:01:00
 Audience: Resource Site: JSC
 Client:
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix VJSC1395
 08/05/1994 - 1:00:00 Producer: JSC
- AVC-1994-209-2/2 **STS-61 Mission Highlights Resource Tape**
 Part 2
 Audience: Resource Site: JSC
 Client: Johnson Space Center
 Master: 3/4"
 Audio 1: Mono mix 2: Mono mix VJSC1395
 08/05/1994 - 1:01:00 Producer: JSC
- AVC-1994-210-1/2 **The Mars Pathfinder Approach Educational and Public Outreach**
 VTV-493 Three Camera Videotaping in von Kármán, Dr. Cheick
 Diarra Introduces the Mars Pathfinder Educational outreach
 effort. Jim Tillman, Dr. Meredith Olsen, and Dr. Robert
 Kolvoord each explain their individual approaches to
 teaching.
 Audience: Gen. Site: 186-AUD
 Client: Dr. Cheick Diarra, Org. 2100
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 08/09/1994 - 1:00:00 Producer: Stealey
- AVC-1994-210-2/2 **The Mars Pathfinder Approach Educational and Public Outreach**

VTV-493 Part 2 of 2 Total Running Time 2 hours
Audience: Gen. Site: 186-AUD
Client: Dr. Cheick Diarra, Org. 2100
Master: 1"C
Audio 1: Mono mix 2: Mono mix
TRT 2 Hours
08/09/1994 - 1:00:00 Producer: Stealey

AVC-1994-211-1/1 **Remote Surface Inspection - Force Control for Eddy-Current Sensor**
In this telerobotic demonstration an eddy-current sensor, attached to a robotic arm, is used to detect a small crack on a space platform mockup. Includes a short interview with Dr. Seraji on using force control.
Audience: Tech. Site: JPL
Client: Bob Balaram, Org. 345
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/10/1994 - 0:03:58 Producer: Savona

AVC-1994-215-1/3 **Pluto Fast Flyby Pre-Project Educators Conference**
A discussion for educators moderated by Jackie Giuliano, Education Outreach Coordinator, to elicit new ideas for instructing students about space exploration in general and the Pluto Fast Flyby mission in particular. With Robert Staehle and Richard Shope
Audience:
Client: Jackie Giiuliano
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/14/1994 - 1:19:00 Producer: Semerano

AVC-1994-215-2/3 **Pluto Fast Flyby Pre-Project Educators Conference**
A discussion for educators moderated by Jackie Giuliano, Education Outreach Coordinator, to elicit new ideas for instructing students about space exploration in general and the Pluto Fast Flyby mission in particular. With Robert Staehle and Richard Shope
Audience:
Client: Jackie Giiuliano
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/14/1994 - 1:30:00 Producer: Semerano

AVC-1994-215-3/3 **Pluto Fast Flyby Pre-Project Educators Conference**
A discussion for educators moderated by Jackie Giuliano, Education Outreach Coordinator, to elicit new ideas

for instructing students about space exploration in general and the Pluto Fast Flyby mission in particular. With Robert Staehle and Richard Shope

Audience:

Client: Jackie Giuliano

Master: 1"C

Audio 1: Mono mix 2: Mono mix

08/14/1994 - 0:33:00 Producer: Semerano

AVC-1994-216-1/1 **HAZBOT III-Emergency Response Robotic Vehicle**
An update on the Hazardous Materials Robot III incorporating an advanced operator control station. Included in the production is a simulation of the Robot responding to a toxic chemical spill.

Audience: Tech. Site: JPL

Client: Dr. Richard Welch

Master: 1"C Submaster: BCAMsp

Audio 1: Stereo 2: Stereo

08/16/1994 - 0:05:38 Producer: Semerano

AVC-1994-217-1/1 **SIR-C Prep for Flt. 2 1994**
Documentation of SIR-C Antenna activity at KSC prior to its second flight aboard the Shuttle. Dub from original Hi8 shot by Bob Ferber June 28, 1994.

Audience: Resource

Client: Mona Jasnow

Master: VHS

Audio 1: Mono mix 2: Mono mix

08/16/1994 - 0:42:00

AVC-1994-218-1/1 **Mars Landing Site Talk Given during JPL's Open House**
A presentation by Dr. Matt Golombek given in the mall to guests and employees of the lab. Dr. Golombek uses visuals to describe the landing site chosen by Pathfinder project scientists and engineers to serve as the touchdown spot for the first Mars Rover.

Audience: Gen. Site: JPL Mall

Client: Kris Nordin-Cullen

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/18/1994 - 0:05:43 Producer: Semerano

AVC-1994-219-1/1 **Gorilla Habitat Briefing**
Discussing data from SIR-C mission.

Audience: Gen.

Client: Mary Hardin, Org. 181

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/18/1994 - 0:24:00 Producer: NASA/KSC

AVC-1994-220-1/1 **Venus Balloon Test**
An update on technologies that may be used in future attempts to explore Venus with instrumented balloons.
Audience: NASA
Client: Kerry Nock
Master: 1"C
Audio 1: Narration 2: Music
08/22/1994 - 0:11:45 Producer: Semerano

AVC-1994-225-1/1 **P.O.S.S.E Pilot Master for Transfer to Laser Disk**
VTV-494
A series of end-to-end productions plus stills designed for use in a proposed speaker's video support system. Narrated productions include: 1) The Moon 2) Sample Return 3) Remote Sensing 4) Benefits of Space Exploration 5) Future Missions 6) Comets & Asteroids 7) Mars Exploration.
Length of video refers to narrated productions only.
Separate narration and music tracks for the first five productions can be found on the duplicate master,

AVC-94-023. Comets & Asteroids is mastered on AVC-94-088.
Mars Exploration is mastered on AVC-94-099.
Audience: Gen.
Client: Alexander/Neuhauser, Org. 1800
Master: 1"C
Audio 1: Stereo 2: Stereo
08/27/1994 - 0:25:20 Producer: Semerano

AVC-1994-226-1/1 **Exoskeleton Handles EVA Astronaut Tools**
A production showing a robotic four-finger human like hand manipulating Astronaut tools that could not otherwise be worked by currently existing robotic devices.
Audience: Tech. Site: JPL
Client: Dr. Bejczy
Master: 1"C Submaster: BCAMsp
Audio 1: Music 2: Narration
08/27/1994 - 0:05:30 Producer: Semerano

AVC-1994-228-1/1 **Robot Assisted Microsurgery**
Robot Assisted Microsurgery project accomplishments for fiscal year 1994 - demonstration of robot joint motion, cartesian control and precise tip control.
Audience: Tech. Site: JPL

Client: Hari Das
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/01/1994 - 0:04:55 Producer: Semerano

AVC-1994-229-1/1 **Mars Pathfinder B-Roll**
Animation showing deployment of Mars Pathfinder, photo showing landing site, artist renditions depicting arrival of Mars Pathfinder concluding with Rocky IV.
Audience: Resource
Client: Ed McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/06/1994 - 0:09:03 Producer: Semerano

AVC-1994-232-1/2 **STS-68 AUGUST 18 ABORTED LAUNCH COMPILATION TAPE**
August 17th L-1 News Conference
Panelists: Brewster Shaw-Space Shuttle Program Dir., Dr. Charles Kennel-Assoc. Admin. Mission to Planet Earth, Prof. Heintz Stoewer-DARA Managing Dir., Prof. Mario Galamia-ASI General Dir.,
Robert B. Sieck-KSC Launch Dir., Capt. Jeff Lorens-USAF/KSC Staff Meteorologist
Animations at 13:15, Countdown to Launch and Replays at 15:30
Audience: Gen. Site: KSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/13/1994 - 1:36:00 Producer: Cory Borst

AVC-1994-232-2/2 **STS-68 AUGUST 18 ABORTED LAUNCH COMPILATION TAPE**
August 17th L-1 News Conference
Panelists: Robert Sieck-JKSC Launch Dir., Boyce Mix-Dep. MGR. Shuttle Engine, Michael Baker-STS-68 Commander, Loren Shriver-MGR. Launch Integration.
Audience: Gen. Site: KSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/13/1994 - 0:54:00 Producer: Cory Borst

AVC-1994-233-1/1 **STS-59 Mission Highlights Resource Tape**
Resource tape of Shuttle STS-59 and the SIR-C/X-SAR payload. 4/9/94 to 4/19/94.
(VJSC1418) Shot list with tape.

Audience: Resource
Client: Mona Jasnow
Master: 3/4"
Audio 1: Mono mix 2: Mono mix VJSC1418
08/01/1994 - 0:59:30 Producer: JSC

AVC-1994-234-1/1 **Science as a Driver for the Nation's Space Program**
VTV-499
Three camera videotaping in von Kármán Auditorium.
Dr. France Cordova, NASA's Chief Scientist discusses her
views of the role of science and technology in space, and
how it benefits the nation as a whole.
Audience: Gen. Site: vKA
Client: Kathleen Mallis, Org. 100
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/15/1994 - 1:15:16 Producer: Stealey

AVC-1994-235-1/1 **Collection of 18 JPL Video Productions**
18 Video Productions of Various Topics:
L.A. the Movie, Miranda the Movie, Earth the Movie, Mars the
Movie, Monterey the Bay, The Moon, Sample Return Mission,
Remote Sensing of the Earth, Benefits and Spinoffs of Space
Exploration,
Future Missions, Comets and Asteroids, Mars Exploration,
Voyager Journey to the Outer Planets, Venus-Artemis, Galileo
Earth Rotation Movie, Global Ozone, Gaspra Topography.
Audience: Resource
Client: George Alexander, Org. 180
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/15/1994 - 0:58:30

AVC-1994-236-1/2 **STS-59 Special Events Resource Tape**
Resource tape of Shuttle STS-59 and the SIR-C/X-SAR payload.
4/9/94 to 4/19/94.
Mainly in-orbit interviews by news media.
(VJSC1417) Shot list with tape.
TRT 1:43:00
Audience: Resource
Client: Mona Jasnow
Master: 3/4"
Audio 1: Mono mix 2: Mono mix VJSC1417
06/14/1994 - 0:57:14 Producer: JSC

AVC-1994-236-2/2 **STS-59 Special Events Resource Tape**
Part 2

Audience: Resource
Client: Mona Jasnow
Master: 3/4"
Audio 1: Mono mix 2: Mono mix VJSC1417
06/14/1994 - 0:57:45 Producer: JSC

AVC-1994-240-1/1
VTV-502

Magellan - The Last Chapter

Magellan Project Manager, Douglas G. Griffith discusses the "Last Chapter" of the Magellan mission and the activities of the final two months and recent spacecraft management challenges. A three-camera videotaping in von Kármán Auditorium.

Audience: JPL Site: JPL
Client: Anita Sohus
Master: 1"C
Audio 1: Mono mix 2: Mono mix
09/22/1994 - 0:46:00 Producer: Savona

AVC-1994-241-1/1

TOPEX/POSEIDON El Nino Animations from the Naval Research Laboratory

Five separate animations showing variations in both global and North-Pacific ocean surface height and surface temperatures over a period of years. 1. A model of sea surface height of the world's oceans using wind data. The model runs from 1981 to 1993. The 1982-83 El Nino event is shown along the equatorial Pacific ocean in red. The Rossby wave moves westward over the Northwest Pacific. 2. Another model includes the same data as before, but is zoomed in on the Northwest Pacific. The Rossby wave is much easier to identify. 3. A different model of sea surface temperature over the global ocean. It uses data from the National Oceanographic and Atmospheric Administration's Advanced Very High Resolution Radiometer satellite. El Nino is shown along the equatorial Pacific in red. 4. A model using the same data but is zoomed in on the Northwest Pacific. 5. The final animation is a combination of sea surface height and sea surface temperature data. The three dimensional wire mesh represents variations in sea surface height. The colors represent sea surface temperature.

Audience: News
Client: Mary Hardin
Master: 1"C Submaster: BCAMsp
Audio 1: Silent 2: Silent
09/23/1994 - 0:03:44 Producer: Semerano

- AVC-1994-242-1/1 **Telerobotics Accomplishments for 1994**
 1. Remote Surface Inspection 2. Hazbot III
 3. Exoskeleton 4. Distributed Space Telerobotics 5. Ground Control Station for DOSS
 6. Robot Assisted Microsurgery
 7. Satellite Test Assistant Robot.
 Audience: Tech.
 Client: Samad Hayati
 Master: Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 09/27/1994 - 0:38:00 Producer: Semerano/Savona
- AVC-1995-002-1/1 **STS-68 Shuttle Launch, Replays & Post Launch Press Briefing**
 29:00 min. Launch Coverage & Replays
 1:00 min Sir-C Animation
 17:00 min Post Launch Press Briefing with Loren Shriver Man. of Launch Integration & Al Sofge KSC Assist. Launch Director
 17:00 min Engineering Replays
 Audience: Gen. Site: JSC
 Client: Mona Jasnow, Org. 3260
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 09/30/1994 - 1:02:00 Producer: Borst
- AVC-1995-003-1/1 **STS-68 9/30/94 Mission Update & Mission Highlights**
 21:23 Mission Update with Rob Navias. Guest; Mike Sander SIR-C Project Manager.
 32:24 Mission Highlights
 Audience: Gen. Site: JSC
 Client: Mona Jasnow, Org. 770
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 09/30/1994 - 0:54:00 Producer: Borst
- AVC-1995-004-1/1 **SRL-1 Science Results & STS-68 L-1 Pre-Launch Press Briefing**
 18:50 SRL-1 Science Results with Diane Evans SIR-C Project Scientist & Derrold Holcomb EROAS Inc.
 52:21 STS-68 L-1 Pre-Launch Press Briefing with Brewster Shaw Director Space Shuttle Operations; William Townsend Dep. Assoc. Admin. Mission to Planet Earth; Herwig Oetl X-SAR Mission Manager, DARA; Mario Calamia ASI General Director; Robert Sieck KSC Launch Director & Capt. Jeff Loren USAF KSC Staff Meteorologist.

Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: sVHS
Audio 1: Mono mix 2: Mono mix
09/29/1994 - 1:11:30 Producer: Borst

AVC-1995-005-1/1 **SIR-C/X-SAR STS-68 10/1/94 Flight Day 2 Mission Update & Highlights**

16:30 Mission Update with Rob Navias
Guest; Dr. Miriam Baltuck NASA Project Scientist
27:20 Mission Highlights
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/01/1994 - 0:43:50 Producer: Borst

AVC-1995-006-1/1 **SIR-C/X-SAR/STS-68 10/2/94 Mission Update & Mission Highlights**

14:50 Mission Update with Rob Navias
Guest; Dr. Vickie Conners MAPS Project Scientist
45:10 Mission Highlights
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/02/1994 - 0:59:00 Producer: Borst

AVC-1995-007-1/1 **SIR-C/X-SAR STS-68 10/3/94 Mission Update Briefings & Highlights**

17:00 Mission Update with Rob Navias
Guest; Dr. Jobea Way-SIR-C Ecology Exp. Scientist
7:31 STS-68 Status Briefing with
Rich Jackson STS-68 Flight Director.
18:00 SRL-2 Science Briefing with
Dr. Diane Evans SIR-C Project Scientist
Jeff Plaut SIR-C Geology Experiment Representative Dr.
Herwig Oetl DARA Mission Scientist Manager.
39:45 STS-68 Mission Highlights
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/03/1994 - 1:22:20 Producer: Borst

AVC-1995-008-1/1 **Desert**

An edited production showing high speed image rendering using parallel super computers. This animated flyover of Southern California and Nevada is based on LANDSAT Satellite

imagery.
Audience: Gen. Site: JPL
Client: Will Duquette, Org. 395
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/04/1994 - 0:03:54 Producer: Savona

AVC-1995-009-1/1 **SIR-C/X-SAR Computer Animation Press Release of Mount Rainier Volcano**

A simulated flight over Mount Rainier Volcano, Washington.
Composite of L & C band radar observations.
Audience: Gen. Site: JPL
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
10/05/1994 - 0:01:34 Producer: Savona

AVC-1995-011-1/1 **SIR-C/XSAR STS-68 10/4/94 Mission Update, Briefings & Highlights**

14:25 Mission Update with Rob Navias
Guest; Robert Beal - Johns Hopkins University
17:00 Mission Status & SRL Briefing
Dr. Diane Evans - SIR-C Project Scientist,
& Rich Jackson STS-68 Flight Director
27:41 Mission Highlights
Audience: Gen. Site: JSC
Client: Mona Jackson, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/04/1994 - 0:58:10 Producer: Borst

AVC-1995-012-1/1 **Magellan Press Release Computer Animation**

A color map of Magellan Gravity data is wrapped onto a globe, tipped forward & 100x topography is added. The final sequence shows an artist's concept of the breakup of the spacecraft as it enters the Venus atmosphere.
Audience: Gen. Site: JPL
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
10/06/1994 - 0:03:30 Producer: Savona

AVC-1995-013-1/1 **Magellan Press Conference**

VTV-505

A three-camera videotaping live-to-NASA Select television covering Magellan's final press conference.
Speakers: Chahine, Huntress, Griffith, Tolson, Saunders.
Audience: Gen. Site: JPL

Client: Mona Jasnow, Org. 904
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/06/1994 - 1:28:20 Producer: Savona

AVC-1995-014-1/1 **SIR-C/X-SAR STS-68 10/5/94 Mission Update & Mission/SRL Briefing**

17:15 Mission Update with Rob Navias
Guest; Dr. Diane Evans SIR-C Project Scientist
45:00 Mission Status & SRL Briefing
Dr. Ellen Stofan - SIR-C Experiment Scientist
Dr. Christiane Schmullius - X-SAR Project Sci. DLR
Dr. Herwig Oetl - X-SAR Project Scientist DLR
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/05/1994 - 1:02:15 Producer: Borst

AVC-1995-015-1/1 **SIR-C/X-SAR STS-68 10/5/94 Flight Day Highlights**

32:30 Flight Day 6 Highlights
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/05/1994 - 0:32:30 Producer: Borst

AVC-1995-016-1/1 **SIR-C/X-SAR Computer Animation Press Release of Mount Pinatubo**

A computer-generated animation from SIR-C showing
comparisons of SRL-1 and SRL-2 radar observations of Mount
Pinatubo, Philippines.
Audience: Gen. Site: JPL
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
10/07/1994 - 0:02:00 Producer: Savona

AVC-1995-017-1/1 **SIR-C/X-SAR STS-68 10/6/94 Mission Update Briefings & Highlights**

15:00 Mission Update with Marta Durham.
Guest: Dr. Herwig Oetl- X-SAR Science Manager, DARA/DLR
22:29 STS-68 Status Briefing with
Rich Jackson, STS-68 Flight Director and
Dr. Hank Reichle, Maps Project Scientist
40:22 STS-68 Mission Highlights
Audience: NASA Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
10/06/1994 - 1:17:51 Producer: Borst

AVC-1995-018-1/1 **SIR-C/X-SAR Computer Animation of a flight over Mammoth Mountains**

A computer generated animation flight over the Mammoth Mountain area in the Sierra Nevada Mountains in California. A radar image acquired by SIR-C/X-SAR is combined with U.S. Geological Survey digital elevation data to construct a three-dimensional map of the surface.

Audience: Gen. Site: JPL

Client: Eric De Jong

Master: BCAMsp

Audio 1: Silent 2: Silent

10/09/1994 - 0:01:53 Producer: Savona

AVC-1995-019-1/1 **SIR-C/X-SAR STS-68 10/7/94 Mission Update Briefing and Highlights**

15:00 Mission Update with Marta Durham

Guest; Mike Kobrick- SIR-C Engineer-JPL

23:35 STS-68 Status Briefing with Rich Jackson, STS-68

Flight Director, Dr. Diane Evans, SIR-C Project Scientist,

Dr. Jeff Plaut, SIR-C Geology

Experiment Representative and Dr. Herwig Oetl, X-SAR

Science Manager, DARA/DLR 39:00 STS-68 Mission

Highlights

Audience: Gen. Site: JSC

Client: Mona Jasnow, Org. 770

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/07/1994 - 1:17:35 Producer: Borst

AVC-1995-020-1/1 **Chapters in Aerospace History Interviews - Dr. Edward Stone**

A taped interview of Dr. Edward Stone, conducted by Dr.

Albert Hibbs for the California Museum of Science and

Industry's Aerospace Historical Committee. Dr. Stone is

Director of JPL since 1991.

Audience: Gen. Resource Site: JPL

Client: Neuhauser/Thomas

Master: 1"C

Audio 1: Mono mix 2: Mono mix

10/03/1994 - 1:00:00 Producer: Savona

AVC-1995-021-1/1 **A Compilation of SIR-C Simulated Flights from 1994 - 1996**

VTV-510

Computer simulated flights over the Rocky Mountains

of Montana, East-central California, Mt. Pinatubo,

Kliuchevskoi volcano, Changes, Canadian Rockies, and Long

Valley (all from 10/10/94); Mammoth Mtns.,(10/09/94); Mt. Pinatubo(10/07/94); Mt. Rainier volcano(10/05/94);and Mt. Rainier volcano(10/03/94). Animated changes of the radar images acquired by SIR-C / X-SAR instrument during its two flights aboard space shuttle, Endeavour (April and October 1994).

1:48 Isabela, Galapagos Islands, Ecuador; 1:43 Death Valley; 2:32 Fort Zinder, Sahara; 2:19 Prince Albert, Canada, orbits 20 and 84; 2:13 Prince Albert, orbit 20; 3:02 Shuttle Orbit Animation (orbits 6-12); 1:53 STS-59 Launch; 1:52 Supersites; 1:38 Shuttle Orbit Computer Animation.

Audience: Gen. Site: JPL

Client: De Jong/Jasnow

Master: BCAMsp

Audio 1: Silent 2: Silent

05/16/1996 - 0:55:09 Producer: Savona

AVC-1995-022-1/1 **SIR-C/X-SAR STS-68 10/8/94 Mission Update Briefing and Highlights**

11:38 Mission Update with Rob Navias

60:00 STS-68 Mission Highlights

Audience: Gen. Site: JSC

Client: Mona Jasnow, Org. 770

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/08/1994 - 1:11:38 Producer: Borst

AVC-1995-023-1/1 **SIR-C/X-SAR STS-68 10/9/94 Mission Update Briefing and Highlights**

11:20 Mission Update with Rob Navias

Guest; Mike Sander - SIR-C Project Manager

55:00 STS-68 Mission Highlights

Audience: Gen. Site: JSC

Client: Mona Jasnow, Org. 770

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/09/1994 - 1:06:20 Producer: Borst

AVC-1995-024-1/1 **SIR-C/X-SAR STS-68 10/10/94 Mission Update & Status Briefings**

17:14 Mission Update with Rob Navias.

Guest; Steve Wall SIR-C Mission Operations Man.

1:08:50 Status Briefing with

Rich Jackson, STS-68 Flight Director;

Dr. Diane Evans, SIR-C Project Scientist;

Dr. Herwig Oetl, X-SAR Proj. Scientist DARA/DLR; Pro.

Giorgio Franchesetti, University of Naples Italy;

Mike Kobrick SIR-C Engineer;

Dr. Jeffrey Plaut SIR-C Geology Experiment Rep.

Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/10/1994 - 1:28:04 Producer: Borst

AVC-1995-025-1/1 **SIR-C/X-SAR STS-68 10/10/94 Mission Highlights**

17:40 Flight Day Highlights
Audience: Gen. Site: JSC
Client: Mona Jasnow, Org. 770
Master: BCAMs
Audio 1: Mono mix 2: Mono mix
10/10/1994 - 0:17:40 Producer: Borst

AVC-1995-027-1/1 **SIR-C/X-SAR/STS 68 10/11/94 Landing, Replays & Briefings**

16:00 STS-68 Landing at Edwards AFB
13:30 Post Landing Press Briefing at JSC
Rich Jackson - STS-68 Entry Flight Director
Loren Shriver - Manager Launch Integration
34:00 Landing Replays
16:30 Post Landing Crew Briefing at Dryden
Astronauts Mike Baker & Tom Jones
Audience: Gen. Site: JSC & ETS
Client: Mona Jasnow, Org. 770
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/11/1994 - 1:10:00 Producer: Borst

AVC-1995-032-1/1 **Telescopes In Education**

Gil Clark explains the use of the 24 inch telescope on Mount Wilson. The TIE program allows the general public to control the telescope remotely via a modem.
Audience: Gen. Site: POST 186-AUD
Client: Clark, Org. 3000
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/21/1994 - 0:07:45 Producer: Stealey

AVC-1995-033-1/1 **Asteroid Data Collection**

Visualization produced by Cornell University.
Collection of asteroid data from Galileo spacecraft.
1. Visualization model of IDA
2. Four stills of IDA and it's moon
3. Gaspra Topography
4. Gaspra Flyby
Audience: News Site: Edited 186

Client: PIO, Org. 1800
Master: 1"C Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
10/28/1994 - 0:09:50 Producer: Cornell/Stealey

AVC-1995-035-1/1 **Hubble Space Telescope's View of Comet Shoemaker-Levy 9**

First up: The Hubble Space Telescope viewer's guide to Comet Shoemaker-Levy 9 Impact with Jupiter
Second up: HST images of G impact with Jupiter
Audience:
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
10/31/1994 - 0:10:32 Producer: Savona

AVC-1995-036-1/1 **Comet Shoemaker-Levy 9 Collisions with Jupiter**

Comet Collisions with Jupiter - Fragment R - Table Mountain Observatory
Fragment R - IRTF
Fragment C - IRTF
Audience: Tech.
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
10/31/1994 - 0:09:24 Producer: Savona

AVC-1995-037-1/1 **Lightcurves and Orbits for Asteroid 4769 Castalia**

Lightcurves for Asteroid 4769 Castalia
Orbits About Asteroid 4769 Castalia
from November 3, 1994
Radar Images of Asteroid 1989 PB
from August 22, 1989
Audience: Tech.
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
11/03/1994 - 0:14:02 Producer: Savona

AVC-1995-038-1/1 **SIR-C Missions 1 and 2 Highlights**

Excerpts from previous productions about SIR-C Space Radar Laboratory Missions 1 and 2. No narration or text accompanies images.
Audience: Gen.
Client: Dr. Diane Evans, Org. 761
Master: 1"C
Audio 1: Silent 2: Silent

11/08/1994 - 0:04:55 Producer: Semerano

AVC-1995-040-1/1
VTV-513

A Compilation of Comet Shoemaker-Levy 9 Observations
Tape includes: AVC-95-035, Hubble Space Telescope's
View of Comet Shoemaker-Levy 9;
AVC-95-036, Comet Shoemaker-Levy 9 Collisions with Jupiter;
AVC-95-037, Lightcurves and Orbits for Asteroid 4769
Castalia and Radar images of Asteroid 1989 PB from August
22, 1989
Audience: Resource
Client: Eric De Jong
Master: 1"C
Audio 1: Silent 2: Silent
11/11/1994 - 0:34:03 Producer: Savona

AVC-1995-041-1/1

STS-68 Post Flight Presentation
Presentation by the Shuttle astronauts on the SIR-C/X-SAR
mission. Crew: Commander Mike Baker;
Pilot Terry Wilcutt, Payload Commander Tom Jones;
Mission Specialist Dan Bursch; Mission Specialist
Jeff Wisoff.
Audience: Gen. Site: Teague Aud JSC
Client:
Master: VHS
Audio 1: Mono mix 2: Mono mix JSC 1439
10/01/1994 - 0:46:51 Producer: JSC-Don Pickard

AVC-1995-042-1/1

SIR-C RADAR AND OPTICAL OBSERVATIONS
Luzon Island & Mount Pinatubo, Philippines, Comparison of
radar and optical observations Radar window version. A
simulated flight over the northeastern edge of Long Valley,
in the Sierra Nevada Mountain, California.
Audience: Resource
Client: De Jong/Jasnow
Master: BCAMsp
Audio 1: Silent 2: Silent
11/18/1994 - 0:09:20 Producer: Savona

AVC-1995-044-1/1
VTV-515

STS-68 Astronaut Presentation - SIR-C Mission Experience
Space Shuttle Endeavour Astronauts recollect their
mission highlights through a prepared 16 minute video and
35mm slides. SIR-C Experiment Scientist, Jeff Plaut details
the Radar's achievements.
Q & A follows presentation.
Audience: Gen. Site: von Kármán
Client: Mona Jasnow, Org. 3235

Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/18/1994 - 1:30:00 Producer: Savona

AVC-1995-056-1/1 **STS-59 MISSION HIGHLIGHTS RESOURCE TAPE**

Astronauts recount their mission experiences onboard the shuttle and SRL-1. This is a Johnson Space Center production.

Audience: Gen.
Client: Mona Jasnow
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/15/1994 - 0:59:30 Producer: JSC

AVC-1995-057-1/1 **STS-68 POST FLIGHT PRESENTATION**

Astronauts recount their mission experiences onboard the shuttle and SRL-2. This is a Johnson Space Center production.

Audience: Gen.
Client: Mona Jasnow
Master: BCAMs
Audio 1: Mono mix 2:
12/15/1994 - 0:47:00

AVC-1995-058-1/1 **ASAS - All Source Analysis System**

This edited production shows improved performance and reduced size of the ASAS Tactical Operations Center Support Element enclave and concomitant increased mobility, through migration to the DEC Alpha-AXP Processor. The production uses a Desert Storm scenario to describe the process.

Audience: Tech. Site: JPL
Client: Chuck Miller, Org. 830
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/19/1994 - 0:09:09 Producer: Savona/Semerano

AVC-1995-059-1/1 **Mars Exploration Adventure: A Quick Tour of the RED Planet**

A multi-media production using Mac titles and music along with a laser disk for full motion video and audio. Program debut at the 1994 Los Angeles County Fair.

Audience: Gen. Site: IPC
Client: Alexander, Pender, Org. 180
Master: Submaster: BCAMsp
Audio 1: Stereo L 2: Stereo R
recorded twice on master-second take slightly better

12/20/1994 - 0:09:03 Producer: Shaw Pender

AVC-1995-062-1/1 **TOPEX/Poseidon Computer Animation**
First segment: Measuring Sea Surface Height
Second segment: Sea Surface variability from September 30,
1992 to July 13, 1994
Audience: Resource
Client: Eric De Jong
Master: BCAMsp
Audio 1: Music 2: Music
12/05/1994 - 0:09:18 Producer: Savona

AVC-1995-073-1/1 **TOPEX/Poseidon B-roll**
SLUG#1 NASA Leader TRT: :15
SLUG#2 TOPEX Titles TRT: :26
SLUG#3 Spacecraft Animation TRT: :14
SLUG#4 Spacecraft over the Earth TRT: :26
SLUG#5 TOPEX Titles TRT: :26
SLUG#6 El Nino Animations TRT: 1:55
SLUG#7 TOPEX Titles TRT: :26
SLUG#8 El Nino Images TRT: :36
SLUG#9 END Title TRT: :13□
Audience: Resource
Client: Mary Hardin, Org. 181
Master: BCAMs Submaster: BCAMsp
Audio 1: Silent 2: Silent
01/23/1995 - 0:04:43 Producer: Savona

AVC-1995-079-1/1 **Titan III/Mars Observer Launch with Isolated Views and Process.
Relays**
Videotape from NASA/KSC release
Audience: NASA
Client: NASA/KSC
Master: sVHS
Audio 1: Mono mix 2: Mono mix
09/25/1992 - 0:51:00 Producer: NASA/KSC

AVC-1995-080-1/1 **STS-68 Mission Highlights Resource Tape (SIR-C/X-SAR)**
STS-68 Shuttle Space Radar Laboratory (SLR-2) mission with
the SIR-C/X-SAR. Launched 9/30/94 at 7:16 a.m. EDT, Landed
10/11/94 at 1:02 p.m.
Crew: Commander Mike Baker, Pilot Terry Wilcutt, Payload
Commander Tom Jones, Mission Specialist Dan Bursch, Mission
Specialist Jeff Wisoff.
Audience: Resource
Client: Mono Jasnow, Org. NASA

Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1440
02/10/1995 - 0:58:45 Producer: JSC

AVC-1995-090-1/1 **JPL Aerogel for NASA TV Broadcast**
Interview with the inventor of JPL's Aerogel compound as well as demonstrations showing its unique properties and its incorporation in Mars Pathfinder. For broadcast on NASA TV.
Audience: Resource Site: JPL
Client: PAO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/02/1995 - 0:07:48 Producer: Savona/Semerano

AVC-1995-091-1/1 **TOPEX/Poseidon: Mission to an Ocean Planet**
An edited production examining features of the joint U.S./French satellite project designed to study characteristics of the world's oceans. Included are interviews with several of the project scientists and results from data acquired to date.
Audience: Gen.
Client: Ed Christensen
Master: 1"C Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
03/07/1995 - 0:15:07 Producer: Semerano/Savona

AVC-1995-093-1/1 **Images of GRO J1655-40**
VLBI images of star GRO J1655-40.
Audience: Resource
Client: De Jong/Ainsworth
Master: BCAMsp
Audio 1: Silent 2: Silent
PRESS RELEASE
03/10/1995 - 0:02:38 Producer: Savona

AVC-1995-094-1/1 **Microlab-1 launch on Pegasus**
TVRO downlink from Vandenberg AFB.
JPL Lightning sensor. JPL designed radio science receiver for making temperature measurements of the atmosphere.
National Science Foundation, NOA
UCAR University consortium for atmospheric research.
Audience: JPL Site: TVRO
Client: Tom Meehan, Org. 335
Master: sVHS
Audio 1: Mono mix 2: Mono mix
04/03/1995 - 0:00:00

AVC-1995-096-1/1 **STS-63 Post Flight Presentation**
A JSC Production
Audience: Gen.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
03/23/1995 - 0:42:30 Producer: JSC

AVC-1995-097-1/2 **STS-64 Special Events Resource Tape**
A JSC Production
Audience: Gen.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
03/23/1995 - 1:10:00 Producer: JSC

AVC-1995-097-2/2 **STS-64 Special Events Resource Tape**
A JSC Production
Audience: Gen.
Client:
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
03/23/1995 - 1:18:30 Producer: JSC

AVC-1995-098-1/1 **Mars Pathfinder Resource Compilation**
1. Mesur Airbag Impact Attenuation Subsystem
2. Mars Pathfinder Retraction/Lander Opening Tests
3. Mars Pathfinder Plum-Brook Rapid Inflation #2
4. Mars Pathfinder EDL Simulation
5. China Lake Drop Test 12/15/94
6. China Lake Drop Test #2 3/3/95
Audience: Resource
Client: Sam Thurman, Org. 1510
Master: BCAMs
Audio 1: Mono mix 2: Mono mix
03/24/1995 - 0:18:17 Producer: Ziats

AVC-1995-100-1/1 **Ariane Launch of EUTELSAT F6 and BRASILSAT B2**
ESA Arianespace Rocket Launch V71 with payloads EUTELSAT F6
& BRASILSAT B2 from Kourou, French Guinea in South America
Audience: Gen. Site: Sat. Downlink
Client: Lynda McKinley, Org. 9400
Master: sVHS
Audio 1: Mono mix 2: Mono mix
03/28/1995 - 0:53:38 Producer: Borst

- AVC-1995-101-1/1 **SIR-C X-SAR Science Excerpts (w/o Narration)**
 Excerpts showing launch, payload bay, Sudan flyover, seasonal change, Taal/Pinatubo flyover, Kliuchevskoi optical/radar, Mt. Rainier, San Francisco and L.A. survey.
 Audience: Tech.
 Client: Diane Evans, Org. 3235
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 03/31/1995 - 0:07:48 Producer: Gary Savona
- AVC-1995-102-1/1 **SURFSAT**
 This edited production describes college students participation in a summer project devoted to building a satellite for NASA.
 Audience: Gen. Site: JPL
 Client: Dr. Joel Smith, Org. 9600
 Master: 1"C Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/05/1995 - 0:09:06 Producer: Savona/Semerano
- AVC-1995-103-1/1 **RAMS - Robotic Assisted Microsurgery System Interview and B-roll**
 Raw footage for NASA T.V. editing purposes. Footage was videotaped on Feb. 7, 1995.
 Audience: Resource Site: BLDG. 198
 Client: NASA TV
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/07/1995 - 0:05:21 Producer: Savona
- AVC-1995-108-1/1 **Mars Day Interviews and Supporting B-roll**
 Raw footage for NASA T.V. editing purposes
 Audience: Resource Site: Mall
 Client: NASA TV
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 02/07/1995 - 0:07:59
- AVC-1995-110-1/1 **Gene Shoemaker on Shoemaker/Levy 9**
 VTV-546 DIRECTORS TOPICAL REVIEW
 with Gene Shoemaker discussing his personal account of SL9 and discuss its history and the circumstances of its breakup as it approached Jupiter in July 1994, and the data from the collision.
 Audience: Gen. Site: 186/aud
 Client: Kathrine Mallis, Org. 1000

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/12/1995 - 1:19:46 Producer: Ziats/McElvain

AVC-1995-112-1/1 **JPL Earth Day Footage**
Launch of SIR/C/X-SAR followed by shot of instrument in Endeavour's payload bay. Next, are optical views and animated flyovers of Earth based on radar data. First Observations of Fault Motion from Space of the Landers earthquake in 1992.
TOPEX/Poseidon spacecraft and El Nino animations.
Audience: NASA
Client: NASA T.V.
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/14/1995 - 0:07:22 Producer: McNevin/Savona

AVC-1995-114-1/1 **STS-66 Mission Highlights Resource Tape**
A video production from Lyndon B. Johnson Space Center - production number #VJSC1448
Audience: NASA
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/20/1995 - 0:53:57 Producer: JSC

AVC-1995-115-1/1 **STS-67 Post Flight Presentation**
A video production from Lyndon B. Johnson Space Center - Number #JSC1477
Audience: Gen.
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/20/1995 - 0:41:41 Producer: JSC

AVC-1995-116-1/1 **Pluto Express - Art Center College of Design: Spacecraft Design Class**
VTV-548
Pluto Express Educational Outreach.
Final presentations of their Pluto spacecraft designs were made by Art Center students to the JPL community.
A live 3-camera documentation.
Four edited versions with interviews, refer to:
AVC-95-120, 0:07:53 (NASA-TV Excerpts)
AVC-95-134, 0:26:00 (half-hour version)
AVC-95-135, 0:10:36 (quarter-hour version)
AVC-95-136, 0:08:30 (brief version)

Audience: Gen.

Site: von Kármán

Client: Jackie Giuliano, Org. 315
Master: 1"C
Audio 1: Mono mix 2: Mono mix
04/20/1995 - 1:15:00 Producer: Savona

AVC-1995-117-1/1 **STS-63 Mission Highlights Resource Tape**
A JSC Production #1472
Audience: Gen. Site: JSC
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
04/25/1995 - 1:00:00 Producer: JSC

AVC-1995-118-1/2 **STS-63 Special Events Resource Tape**
A JSC production #1473
Audience: Gen. Site: JSC
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1473
04/25/1995 - 0:53:17 Producer: JSC

AVC-1995-118-2/2 **STS-63 Special Events Resource Tape**
A JSC production #1473
Audience: Gen. Site: JSC
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1473
04/25/1995 - 1:02:24 Producer: JSC

AVC-1995-119-1/1 **Cassini Huygens Animation ESA**
VTV-549
Audience: Gen.
Client: Mary Beth Murrill
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/25/1995 - 0:09:17

AVC-1995-120-1/1 **Art Center Students' Designs of Pluto Express Spacecraft**
Spacecraft Design Class
Excerpts from final presentations of spacecraft designs by
Art Center College of Design students held on April 20th.
Interviews with students follows excerpts of presentations.
B-roll for broadcast on NASA TV.
Audience: Resource Site: JPL
Client: PAO
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
04/26/1995 - 0:07:53 Producer: Savona

AVC-1995-122-1/2 **"Gathering for the Earth"**
The 25th Anniversary of Earth Day. A national Video Conference that included: a roundtable discussion with Native Elders and scientists; success stories in sustainable practices; demos of Internet educational materials; student art and other exhibits.
Audience: Gen.
Client: Anita Sohus
Master: VHS
Audio 1: Mono mix 2: Mono mix
04/21/1995 - 2:00:00 Producer: Borst

AVC-1995-122-2/2 **"Gathering for the Earth"**
The 25th Anniversary of Earth Day. A national Video Conference that included: a roundtable discussion with Native Elders and scientists; success stories in sustainable practices; demos of Internet educational materials; student art and other exhibits.
Audience: Gen.
Client: Anita Sohus
Master: VHS
Audio 1: Mono mix 2: Mono mix
04/21/1995 - 0:50:00 Producer: Borst

AVC-1995-127-1/1 **KIDSAT: Earthviews-1**
Views of Earth from SRL 1 & SRL 2
Audience: Gen. Site: JPL
Client: JoBea Way, Org. 3235
Master: BCAMsp
Audio 1: Silent 2: Silent
05/09/1995 - 0:45:02 Producer: Ziats

AVC-1995-128-1/1 **KIDSAT: A Flyover of Owens Valley, California using Shuttle Photos**
Sir-C footage combined with Student interviews
Audience: Gen. Site: vk
Client: JoBea Way, Org. 3235
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/09/1995 - 0:02:40 Producer: Borst

AVC-1995-129-1/1 **Mars Lander Robotic Sampling**
This edited production describes work currently underway in the Code X MLRS task for possible applications to Mars

Surveyor Program missions.
Audience: Tech. Site: Bldg 277
Client: Paul Schenker, Org. 345
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/15/1995 - 0:05:04 Producer: Savona

AVC-1995-130-1/1 **Saturn Ring Plane Crossing B-Roll Video File for NASA-TV**

Four interview segments with Dr. Linda Horn plus animation and film footage of Saturn and Cassini.
Audience: Gen. Site: JPL
Client: McNevin, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Talent Mic 2: Camera Mic
05/17/1995 - 0:07:25 Producer: McNevin

AVC-1995-131-1/1 **Mars Pathfinder Mission**

Engineering Update using footage of various tests involving Mars Pathfinder.
Audience: JPL Site: JPL
Client: Rob Manning, Org. 1510
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono Mix 2: Mono Mix
05/16/1995 - 0:09:00 Producer: Borst

AVC-1995-132-1/1 **Aeronautics and Space Report #270**

"Forecasting Earthquakes"
Audience: Gen.
Client: JSC
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/17/1995 - 0:08:26 Producer: JSC

AVC-1995-133-1/1 **Introduction to KIDSAT**

Compilation of SIR-C and solar system visualization footage. Includes shuttle launches SIR-C footage, LA the Movie, Mars the Movie, & KIDSAT: A Flyover of Owens Valley, California
Audience: Gen. Site: JPL
Client: JoBea Way, Org. 3235
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
05/17/1995 - 0:22:00 Producer: Borst

AVC-1995-134-1/1 **Pluto Express - Art Center College of Design: Spacecraft Design Class**

Introduction by Jackie Giuliano. Pluto Express Educational Outreach

(Half-hour edited version of AVC-95-116)
Final presentations of their Pluto spacecraft designs were made by Art Center students to the JPL community.
Audience: Gen. Site: von Kármán
Client: Jackie Giuliano, Org. 315
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix AVC-95-116
05/16/1995 - 0:28:00 Producer: Savona/Ziats

AVC-1995-135-1/1 **Pluto Express - Art Center College of Design: Spacecraft Design Class**

Pluto Express Educational Outreach.
(Quarter-hour edited version of AVC-95-116)
Final presentations of their Pluto spacecraft designs were made by Art Center students to the JPL community.
Audience: Gen. Site: von Kármán
Client: Jackie Giuliano, Org. 315
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix AVC-95-116
04/20/1995 - 0:10:36 Producer: Savona/Ziats

AVC-1995-136-1/1 **Pluto Express - Art Center College of Design: Spacecraft Design Class**

Introduction by Jackie Giuliano. Pluto Express Educational Outreach
(Brief edited version of AVC-95-116)
Final presentations of their Pluto spacecraft designs were made by Art Center students to the JPL community.
Audience: Gen. Site: von Kármán
Client: Jackie Giuliano, Org. 315
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix AVC-95-116
04/20/1995 - 0:11:37 Producer: Savona/Ziats

AVC-1995-137-1/1 **5 Kilogram Rover for Mars Surveyor**

In this demonstration an experimental miniature rover follows operator computer command sequences to selected targets. The edited production shows the rover collecting samples and returning them to the lander. Another instrument carrying platform shows deployment of a tether and an IPD.
Audience: Tech. Site: Bldg. 107
Client: Wayne Zimmerman, Org. 3450
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/18/1995 - 0:07:37 Producer: Savona

AVC-1995-138-1/1 **NASA Zero-Base Review Briefing**

VTV-553 NASA Administrator, Daniel S. Goldin discussed the

results and answered questions about the internal review team's proposals for management and organizational changes at NASA. The briefing originated in Washington D.C.

Audience: News Site: NASA HQ

Client: PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/19/1995 - 1:03:30 Producer: NASA

AVC-1995-139-1/1 **KIDSAT: Crew Flight Films**
Crew Flight Films from STS-59 SIR-C; STS-68 SIR-C; STS-2 SIR-A; STS-41G SIR-B; STS-57 Can Do; STS-66 Atmos; & STS-67 Mir Rendezvous

Audience: Gen. Site: JPL

Client: JoBea Way, Org. 3235

Master: sVHS

Audio 1: Mono mix 2: Mono mix

05/19/1995 - 1:51:00 Producer: Borst

AVC-1995-141-1/1 **KIDSAT: Compilation of Visualization Movies**
L.A. The Movie; Mars the Movie; Magellan Mapping Results from AVC-91-091; Monterey the Movie; SIR-C Simulation Flyovers from AVC-95-021.

Audience: Gen. Site: JPL

Client: JoBea Way, Org. 3235

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/23/1995 - 0:25:00 Producer: Borst

AVC-1995-142-1/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Audience: Gen.
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1479
05/24/1995 - 0:52:13 Producer: JSC

AVC-1995-142-2/4 **STS-67 Special Events Resource Tape**
A JSC Production, #1479
Audience: Gen.
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1479
05/24/1995 - 0:55:16 Producer: JSC

AVC-1995-142-3/4 **STS-67 Special Events Resource Tape**

A JSC Production, #1479
Audience: Gen.
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1479
05/24/1995 - 0:58:58 Producer: JSC

AVC-1995-142-4/4 **STS-67 Special Events Resource Tape**

A JSC Production, #1479
Audience: Gen.
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1479
05/24/1995 - 0:14:13 Producer: JSC

AVC-1995-143-1/1 **Administrator's Address to NASA Employees**

A live agency-wide address to NASA employees. Dan Goldin did a short speech which was followed by Q&A from the employees at Headquarters and the other Centers. The subject Goldin spoke on was the Budget process and Dan's stance with Capitol Hill.

Audience: NASA Site: NASA HQ
Client: NASA
Master: sVHS
Audio 1: Mono mix 2: Mono mix
06/08/1995 - 1:16:00 Producer: NASA

AVC-1995-144-1/1 **Mars Pathfinder EDL Simulation**

Mars Pathfinder Mission Entry/Descent/Landing (EDL) Simulation created on HP-755 using Adams Mechanical Dynamics Analysis software. Originally recorded Dec. 22, 1994.

Audience: Tech. Site: 157-514
Client: Chia-Yen Peng, Org. 354
Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo L 2: Stereo R
06/09/1995 - 0:02:03 Producer: Hanchett

AVC-1995-145-1/1 **Mars Pathfinder Entry, Descent and Landing Press Release**

B-Roll for NASA-TV
Audience: News Site: JPL
Client: Edward McNevin, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/09/1995 - 0:14:40 Producer: McNevin

AVC-1995-146-1/1 **JPL Advanced Pixel Sensor**

JPL Advanced Pixel Sensor. B-Roll footage prepared for NASA TV.

Audience:

Client:

Master: sVHS

Audio 1: Mono mix 2: Mono mix

06/12/1995 - 0:07:05

AVC-1995-147-1/1 **Visualization of Earth Asteroids**
Visualization of Earth Approaching Asteroids And Associated Physics Using Radar Based Models.
Audience:
Client:
Master:
Audio 1: Silent 2: Silent
06/13/1995 - 0:08:00 Producer: Eric DeJong

AVC-1995-148-1/1 **NASA/JPL "CONGO" Technology B-Roll for NASA-TV**
NASA/JPL "Congo" Technology B-Roll Footage for NASA-TV
Audience: Resource
Client: E. McNevin, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/16/1995 - 0:10:00 Producer: McNevin

AVC-1995-149-1/1 **Mars Pathfinder ASI/MET**
Atmospheric Structure Investigation/
Meteorological Experiment
An edited production from VHS resource footage.
Audience: Resource
Client: C. Labaw, Org. 3850
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/15/1995 - 0:09:58 Producer: Ziats

AVC-1995-150-1/1 **Ulysses Northern Solar Polar Pass Press Release B-Roll Footage**
Ulysses Northern Solar Pass Press Release B-Roll Footage.
Audience:
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/16/1995 - 0:08:45

AVC-1995-150-2/1 **Ulysses Northern Solar Polar Pass B-Roll Footage**
Ulysses Northern Solar Pass Press Release B-Roll

Footage.
Audience:
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/16/1995 - 0:08:45

AVC-1995-155-1/1 **Mars Global Surveyor: Surveying the Martian World**
VTV-557
This edited video production briefly describes the Mars Global Surveyor's objectives using computer animation to graphically illustrate the two-year mapping mission to the 4th planet.
Audience: Gen. Site: JPL
Client: Glenn Cunningham, Org. 1520
Master: 1"C Submaster: BCAMsp
Audio 1: Stereo mix 2: Stereo mix
06/22/1995 - 0:05:40 Producer: Savona

AVC-1995-160-1/1 **Galileo Jupiter Encounter Probe Release Simulation**
VTV-562
Two versions of computer generated animation showing the Galileo Probe release.
Version 1 - 0:01:41, (TRT 0:02:31) Probe End View
Version 2 - 0:00:58, (TRT 0:01:45) Side View
Produced by the Solar System Visualization Project for Galileo
Audience: Resource
Client: Galileo/PIO
Master: BCAMsp
Audio 1: Silent 2: Silent
07/10/1995 - 0:04:30 Producer: SSVP/De Jong

AVC-1995-162-1/1 **Mariner - Mars Highlights for NASA-TV Video file**
Short clips highlighting Mariner 10, VI, VII, IX and Viking Missions to Mars. Prepared for Mariner IV 30th Anniversary, July 14, 1996.
Audience: News Site: JPL
Client: Mc Nevin, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/12/1995 - 0:07:35 Producer: Mc Nevin

AVC-1995-163-1/1 **Mars Pathfinder Mission - Version 2 - July 12 1995**
Engineering Update using footage of various tests involving Mars Pathfinder.
Audience: Tech. Site: JPL
Client: Rob Manning, Org. 1510

Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/12/1995 - 0:12:45 Producer: Borst

AVC-1995-164-1/1 **Cassini Huygens Test Probes Delivery to JPL - Video File**

Audience: JPL
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/19/1995 - 0:14:30 Producer: Mc Nevin

AVC-1995-165-1/1 **TOPSAR Visualization**

Computer generated flyovers of Pasadena and San Francisco.
Audience: Gen.
Client: Bruce Chapman, Org. 3340
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
07/20/1995 - 0:03:37 Producer: DIAL

AVC-1995-166-1/1 **TOPSAR/AIRSAR Flyover of Pasadena and San Francisco/NASA-TV**

An interview with Dr. Howard Zebker details how scientists create and use 3-D visualization techniques to study regions of the Earth using data from airborne radar mapping missions.
Dr. Zebker's interview is followed up by two new flyovers of Pasadena and San Francisco, CA.
Audience:
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/25/1995 - 0:09:50

AVC-1995-167-1/1 **Ulysses Northern Polar Pass Video Highlight/NASA-TV**

A short interview with Dr. Edward Smith, NASA's Project Scientist with the Ulysses spacecraft. Dr. Smith explains what scientists expect to learn about the Sun during its 3 month pass over the northern regions of the sun.
Audience:
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/25/1995 - 0:09:00

AVC-1995-168-1/1 **Galileo Newton Engine Firing - Bill O'Neil Interview**

A short news-style interview with Galileo Project Manager

Bill O'Neil discussing the Newton engine rocket pre-burn event on July 24, 1995 and the Orbiter Deflection Maneuver using the Newton engine on July 27, 1995.

Audience:

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/25/1995 - 0:04:20

AVC-1995-171-1/1 **Abridged Version of Galileo ODM and Entry/Descent Simulations**

These animations are for release during the Galileo Press Conference on 7/27/95.

Orbiter Deflection Maneuver simulation - 1:09

Probe Entry/Descent simulation - 1:45

Audience: NASA

Client: Jan Ludwinski

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/26/1995 - 0:03:19 Producer: Savona

AVC-1995-172-1/1 **Galileo Post Orbiter Deflection Maneuver Press Conference**
VTV-565

The briefing covers probe release and engine firing for retarget maneuver to Jupiter.

Speakers: Don Ketterer, Program Manager

Bill O'Neil, Project Manager

Marcie Smith, Probe Manager

Q & A follows presentations

Audience: News

Site: VisitorCtr.

Client: Maynard Hine, Org. 950

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/27/1995 - 0:43:00 Producer: Savona

AVC-1995-174-1/1 **5 kg. Rover Control with Virtual Reality**

This edited production demonstrates a control of a laboratory rover using a virtual reality operator interface.

Audience: Tech.

Site: 277 & 107

Client: G. Rodriguez, Org. 345

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/01/1995 - 0:03:14 Producer: Savona

AVC-1995-175-1/1 **STS-71 Post Flight Presentation**
VTV-566

Audience: Resource

Site: JSC

Client: JSC

Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/03/1995 - 0:31:25 Producer: JSC

AVC-1995-176-1/1 **MIR 18 Post Presentation**
VTV-567

Audience: Resource Site: JSC
Client: JSC
Master: 3/4"
Audio 1: Mono mix 2: Mono mix
08/03/1995 - 0:29:15 Producer: JSC

AVC-1995-178-1/1 **How Dinosaurs might have been saved: Detection/Deflection of Comet**
VTV-568

----DIRECTOR'S TOPICAL SEMINAR SERIES----
Professor Freeman Dyson discusses new technologies for detection and deflection of Earth bound comets and asteroids. Question and answer period follows lecture.
Audience: JPL Site: von Kármán
Client: Charles Elachi
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/11/1995 - 1:30:00 Producer: Beck

AVC-1995-182-1/1 **NASA Administrator Goldin's Address To World SF Convention**

NASA Administrator Daniel Goldin Address To World Science Fiction Convention.
Audience: Site: Visitor Cen
Client: D. Goldin, Org. NASA
Master: 1"C
Audio 1: Mono mix 2: Mono mix
08/18/1995 - 0:24:00 Producer: Steve Bridges

AVC-1995-184-1/1 **JPL/New Millennium Solar Collector Video footage for NASA-TV**

Interviews with Bruce Anspaugh and Art Chmielewski at JPL discussing balloon tests conducted in Palestine, TX. The tests take advantage of a high elevation balloon to test and calibrate advanced solar collectors which will be used for future New Millennium missions. Footage is for the NASA-TV.
Audience: NASA Site: JPL
Client: McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/31/1995 - 0:08:00 Producer: McNevin

AVC-1996-002-1/1 **Ranger Dexterous Arm Control**

This edited production demonstrates robotic technologies for executing manipulation tasks in space.

Audience: Tech. Site: 107-104

Client: Bruce Bon, Org. 3450

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/20/1995 - 0:04:38 Producer: Goldrich

AVC-1996-003-1/1 **Remote Interactive Visualization and Analysis (RIVA)**

Version one - 0:01:45

Multi-spectral Rendering using Southern California Desert Landsat Data set. Produced on the Abbacus, it has egg an shaped Mars and a jump in the middle of the Mars sequence.

Version two - 0:01:45

Multi-phenomenon rendering using USGS Global Mars Mosaic was produced on the scan converter, it has a black frame around the Mars sequence, is a little softer, and has no jump in the Mars sequence.

Audience: Resource Site: 126 SGI

Client: Kathya Zamora, Org. 395

Master: BCAMsp

Audio 1: silent 2: silent

09/08/1995 - 0:04:50 Producer: Hanchett

AVC-1996-004-1/1 **RAMS - Robot Assisted Microsurgery - A New Technology**

An edited production that describes robot assisted microsurgery techniques that will enable operations of the eye, ear, brain and other critical faculties at unprecedented small scales.

Audience: Tech. Site: Bldg. 198

Client: Paul Schenker, Org. 3450

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/22/1995 - 0:04:23 Producer: Savona

AVC-1996-008-1/1 **Micro-Lander Dexterous Manipulator**

An edited production that demonstrates a new robotic arm and controls for Mars lander-based surface exploration.

Audience: Tech. Site: Bldg. 277

Client: Paul Schenker, Org. 3450

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/23/1995 - 0:06:49 Producer: Savona

- AVC-1996-009-1/1 **Comet Sampler Technology Development**
An edited production describing autonomous acquisition of subsurface samples from a comet for scientific analysis.
Audience: Tech. Site: Bldg. 198
Client: Rick Welch, Org. 3450
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/26/1995 - 0:05:16 Producer: Goldrich/Savona
- AVC-1996-010-1/1 **JPL-JSC Remote Telerobotic Inspection Demonstration**
An edited production describing a robotic inspection task in the JPL RSI lab controlled from Johnson Space Center.
Audience: Tech. Site: Bldg. 198
Client: Paul Backes, Org. 3450
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/26/1995 - 0:04:22 Producer: Savona
- AVC-1996-011-1/2 **Aerials of JPL**
Aerial footage of the Jet Propulsion Laboratory with additional camera zooms into building 180 for use in the JPL Co-op, APT and Summer Programs.
Audience: Resource Site: Lab
Client: Co-op Program
Master: BCAMsp
Audio 1: Silent 2: Silent
09/27/1995 - 0:27:30 Producer: Dawson/Savona
- AVC-1996-011-2/2 **Aerials of JPL**
Aerial footage of the Jet Propulsion Laboratory with additional camera zooms into building 180 for use in the JPL Co-op, APT and Summer Programs.
Audience: Resource Site: Lab
Client: Co-op Program
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
09/01/1995 - 0:10:44 Producer: Dawson/Savona
- AVC-1996-012-1/1 **Ulysses Resource Material from ESA**
A and B roll footage from the European Space Agency in Italian, English, French and German.
JPL's contact is Brigitte Kolmsee at ESA. Her telephone number is (33-1) 53.69.72.99.
Audience: Resource
Client:

Master: BCAMsp
Audio 1: Silent 2: Narration
09/28/1995 - 0:17:00

AVC-1996-013-1/1 **NASA/JPL Interview with Dr. Leslie Deutsch - B-roll for NASA T.V.**

This interview was conducted on August 25, 1995 with Dr. Leslie Deutsch of the Deep Space Network. Appropriate B-roll footage of the 70-meter antenna and the "ultracone" being hoisted into place follows interview.

Audience: Resource Site: JPL
Client: Bob Mac Millin, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/29/1995 - 0:05:04 Producer: Savona

AVC-1996-015-1/1 **KidSat NASA B-Roll footage**

Interviews with KidSat coordinators

Audience: Resource
Client: S. Zeluck, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/28/1995 - 0:07:13 Producer: Goldrich/Beck

AVC-1996-016-1/1 **Stardust Mission Overview**

1. Trajectory 2:24
2. Wild 2 Encounter :57
3. Earth Return :42
4. Spacecraft Collage Animation 2:32
5. Testbed Hardware 1:30
Audience: Resource Site: 179-112
Client: Ken Atkins/ Nick Thomas, Org. 344
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
For a new, corrected version use AVC-98-034
10/03/1995 - 0:08:17 Producer: Hanchett

AVC-1996-017-1/1 **Visualization of Earth Approaching Asteroids - 2**

Computer generated visualization of Earth Approaching Asteroids and Associated Physics Using Radar Based Models. Shows the Asteroid 4179 Toutatis as it rotates with different solar illumination.

Audience: Resource
Client: New Millennium Pgm.
Master: BCAMsp
Audio 1: silent 2: silent
10/06/1995 - 0:06:09 Producer: Eric De Jong

- AVC-1996-022-1/1 **Ulysses: An Expedition Over the Sun's Poles**
 An edited production describing results learned from Ulysses' pass over the southern region of the sun.
 Audience: Gen. Edu. Site: JPL
 Client: Meeks/Massey, Org. 9800
 Master: 1"C Submaster: BCAMsp
 Audio 1: Stereo mix 2: Stereo mix
 10/24/1995 - 0:06:15 Producer: Savona
- AVC-1996-023-1/1 **Mars Pathfinder Mission - Version 3 - October 1995**
 Engineering Update using footage of various tests involving Mars Pathfinder.
 Audience: Tech. Site: JPL
 Client: Rob Manning, Org. 1510
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Narration 2: Effects AVC-95-193
 10/26/1995 - 0:11:22 Producer: Borst
- AVC-1996-027-1/1 **SIR-C Radar Observations over East-Central California**
 A computer-generated animation of a simulated flight over east-central California, from Lake Tahoe to Telescope Peak. A radar image is combined with digital elevation data to construct a three-dimensional map of the surface.
 Audience: Resource Site: JPL
 Client: Eric De Jong
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 10/31/1995 - 0:03:00 Producer: Savona
- AVC-1996-028-1/1 **Director's Topical Seminar: Clementine At The Moon**
 VTV-579 Dr. Gene Shoemaker talks about the results of the Clementine Mission to the Moon, future possible missions to the moon.
 Audience: Site: von Kármán
 Client: Dr. Chahine
 Master: VHS
 Audio 1: Mono mix 2: Mono mix
 10/26/1995 - 1:30:00 Producer: John Beck
- AVC-1996-029-1/1 **Getting To Jupiter: The Amazing Discoveries of the Galileo Spacecraft**
 VTV-580 Dr. Karen L. Buxbaum shares the discoveries made by the Galileo spacecraft as it traveled to Jupiter.
 Audience: Gen. Site: von Kármán
 Client: Skip McNevin
 Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
10/25/1995 - 1:30:00 Producer: John Beck

AVC-1996-030-1/1 **Champollion Landing System Simulation**
ADAMS Dynamic Analysis - Final Proposal Review
Computer simulation, Scan conversion, edited with titles
Audience: Tech. Site: 158-224
Client: Randel Lindemann, Org. 352
Master: BCAMsp Submaster: BCAMsp
Audio 1: silent 2: silent
11/05/1995 - 0:14:42 Producer: Hanchett

AVC-1996-031-1/1 **NASA...On the Cutting Edge Education Videoconference Series**
Host, Camille Moody located at the University of Maryland
and co-host Don Scott located at the JPL Mars Yard moderate a
one hour show about Robotics.
Questions are fielded by Dave Lavery, Donna Shirley and
Samad Hayati. The show was broadcast live on NASA
Television.
Audience: Gen. Site: Mars Yard
Client: Camille Moody, Org. 1820
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/07/1995 - 1:00:00 Producer: Savona

AVC-1996-032-1/1 **Galileo Arrival Animation B-roll for Nov. 9th Press Conference**
VTV-582
This computer animation illustrates spacecraft
arrival at Jupiter and the Probe's descent into the planet's
atmosphere.
Audience: Resource
Client: PIO
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
11/09/1995 - 0:03:25

AVC-1996-033-1/2 **Galileo Pre-Arrival Press Conference**
VTV-581
Bill O'Neil describes spacecraft/mission status &
the day's events; Dr. Rich Young gives a probe mission
science overview; Dr. Torrence Johnson discusses arrival
orbiter science and an orbital tour preview. Questions and
answers follow presentations. Arrival animation is
included.
Audience: News Site: von Kármán
Client: PIO, Org. 9500
Master: 1"C
Audio 1: Mono mix 2: Mono mix

LIVE ON NASA TELEVISION
11/09/1995 - 1:33:00 Producer: Savona

AVC-1996-033-2/2
VTV-581

Galileo Pre-Arrival Press Conference
Bill O'Neil describes spacecraft/mission status & the day's events; Dr. Rich Young gives a probe mission science overview; Dr. Torrence Johnson discusses arrival orbiter science and an orbital tour preview. Questions and answers follow presentations. Arrival animation is included.
Audience: News Site: von Kármán
Client: PIO, Org. 9500
Master: 1"C
Audio 1: Mono mix 2: Mono mix
LIVE ON NASA TELEVISION
11/09/1995 - 0:24:00 Producer: Savona

AVC-1996-034-1/1

High School Journalists Planetary Conference
Panel discussion of the outer planets with students. Intro by Larry Dumas. Moderated by Edward McNevin. Panelists: DSN- Pat Beyer; Jupiter- Dr. Jo Pitesky; Saturn- Dr. Stephen Edberg; Uranus- Dr. Robert M. Nelson; Pluto- Jackie Giuliano.
Audience: Edu. Site: von Kármán
Client: Annette deCharon
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/09/1995 - 0:42:38 Producer: Goldrich

AVC-1996-035-1/1

Ulysses Index European Space Agency Programs
New Adventures of Ulysses 4:23; Ulysses Explores the Empire of the Sun 4:06; A Multinational Mission 2:58; Long Journey into the Unknown 2:29
Ulysses Escapes from the Storms of the Sun 4:36
Sun's Battle with the Cosmic Rays 2:51; Breeze from the Stars 2:20; To the Poles and Beyond 3:24
Audience: Edu.
Client:
Master: BCAMsp Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
11/10/1995 - 0:32:00 Producer: ESA

AVC-1996-038-1/1
VTV-583

KidSat: A Caltech student-assisted production
This edited production describes the KidSat project with teacher interviews, student interviews, showing students in classrooms, astronauts using cameras, views of

Earth from the shuttle and digitized 3D Earth flyovers.
Audience: Edu. Site: JPL
Client: Jo Bea Way
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/01/1995 - 0:14:00 Producer: Beck/Johnson

AVC-1996-038-1/1 **KidSat: A Caltech student-assisted production(4 minute version)**
VTV-583

This edited production describes the KidSat project with teacher interviews, student interviews, showing students in classrooms, astronauts using cameras, views of Earth from the shuttle and digitized 3D Earth flyovers.
Audience: Edu. Site: JPL
Client: Jo Bea Way
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/01/1995 - 0:04:00 Producer: Beck/Johnson

AVC-1996-039-1/1 **Galileo at Jupiter: Exploring the Jovian World**
Part of the Theodore von Kármán Lecture Series featuring Dr. Torrence Johnson as he outlines the spacecraft's primary mission at Jupiter.

Audience: JPL Site: von Kármán
Client:
Master: 1"C
Audio 1: Mono mix 2: Mono mix
11/17/1995 - 1:02:54 Producer: Goldrich

AVC-1996-044-1/1 **ESA Infrared Space Observatory Launch aboard Ariane v-80**
Satellite feed of ESA launch from Kourou.

Audience: JPL NASA News Resource
Client: Rick Ebert
Master: sVHS
Audio 1: Mono mix 2: Mono mix
11/16/1995 - 1:08:00 Producer: Borst

AVC-1996-046-1/1 **Galileo Movie and Animation Compilation**
Jovian Laboratory, Galileo Press Footage, Third Step to Jupiter, Earth/Moon 1 Encounter, Earth Spin Movie, Gal. at Gaspra, Final Step to Jupiter, Gaspra Flyby, Moon Flyby Press Release, Earth/Moon 2, Probe Spacecraft to Jupiter, Asteroid Data Coll., Probe Release and ODM, Arrival Animation.
Audience: Resource
Client: PAO, Org. 1800
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
11/26/1995 - 1:04:00 Producer: Ziats

AVC-1996-047-1/1 **Expansion of Supernova SN 1993J**

Audience: Resource
Client: PIO, Org. 1810
Master: BCAMsp
Audio 1: Silent 2: Silent
12/01/1995 - 0:01:00 Producer: Dial

AVC-1996-048-1/1 **Galileo: A Guided Tour**

This edited production was shot in von Kármán museum and features Jan Ludwinski describing and showing the various features of the Galileo spacecraft and their functions.
Audience: Gen. Site: Museum
Client: Ludwinski
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/1995 - 0:08:44 Producer: Goldrich

AVC-1996-049-1/1 **Galileo Arrival Day Resource Compilation Tape- Revised 6/26/96**
VTV-584

This tape contains Galileo launch footage, trajectory, probe release and orbit animations, Arrival Day reactions from Galileo MSA and von Kármán auditorium, Fly-by of Io and Io Cutaway Animations, Surface Map of Io and Ganymede Encounter Positioning and Orbit Animations.
Audience: Resource Site: JPL
Client: Jurrie van der Woude, Org. 950
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/1995 - 0:23:27 Producer: Ziats/Beck

AVC-1996-050-1/2 **Galileo Probe Descent Overview**

This show covers the Galileo Probe descent into Jupiter's atmosphere. Host Dr. Rich Terrile conducts interviews with Neal Ausman, Gary Kunstmann, Charlie Sobek, Bernie Dagarin, Robert Young, Marcie Smith, Andrew Ingersoll and Margaret Kivelson.
Audience: Gen. Site: Studio
Client: Ludwinski/PIO, Org. 9500
Master: 1"C
Audio 1: Mono mix 2: Mono mix
12/07/1995 - 1:30:00 Producer: Savona

AVC-1996-050-2/2 **Galileo Probe Descent Overview**

This live show covers the Galileo Probe descent into

Jupiter's atmosphere. Host Dr. Rich Terrile conducts interviews with Andrew Ingersoll and Margaret Kivelson.
Audience: Gen. Site: Studio
Client: Ludwinski/PIO, Org. 9500
Master: 1"C
Audio 1: Mono mix 2: Mono mix
12/07/1995 - 0:30:00 Producer: Savona

AVC-1996-051-1/1 **Galileo Orbit Insertion Overview**
This live show covers the Galileo spacecraft's orbit insertion into Jupiter. Host Dr. Rich Terrile conducts interviews with Torrence Johnson, Robert Mitchell, Wesley Huntress, Edward Stone, Andrew Ingersoll and Carl Sagan.
Audience: Gen. Site: Studio
Client: Ludwinski/PIO, Org. 9500
Master: 1"C
Audio 1: Mono mix 2: Mono mix
12/07/1995 - 1:30:00 Producer: Savona

AVC-1996-052-1/1 **Galileo and the Flight to Jupiter**
VTV-585 An edited production that describes the Galileo mission from conception thru launch until the spacecraft reached Jupiter and released a probe into its atmosphere.
Audience: Gen.
Client: Ludwinski/Wilson, Org. 9500
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/07/1995 - 0:12:03 Producer: Semerano/Savona

AVC-1996-053-1/1 **Galileo - The Communications Pipeline**
VTV-586 This edited production follows the communication network between the Galileo science team and how their commands are sent to the spacecraft and then received back on Earth.
Audience: Edu.
Client: Steve Spohn, Org. 9500
Master: 1"C Submaster: BCAMsp
Audio 1: Stereo mix 2: Stereo mix
12/07/1995 - 0:06:31 Producer: Savona/Semerano

AVC-1996-054-1/1 **Goldin Press Interaction, Galileo Arrival Day**
Informal talk by NASA Administrator Daniel S. Goldin with the local news media in von Kármán Auditorium.
Audience: News Site: von Kármán
Client: PIO/Galileo
Master: M-II

Audio 1: Mono mix 2: Mono mix
12/07/1995 - 0:26:40

AVC-1996-055-1/1

Galileo Arrival Day Highlights

This tape contains Arrival Day reactions in von Kármán and Galileo MSA as well as several shots of the media setting up.

Audience: Resource Site: JPL

Client: PIO

Master: 1"C

Audio 1: Mono mix 2: Mono mix

One channel of audio dead for first 6 minutes

12/07/1995 - 0:06:28 Producer: Beck

AVC-1996-056-1/1

Galileo Arrival Day Opening Press Conference

Galileo Project Manager Bill O'Neil and Probe Manager Marcie Smith update the press on the day's events: including probe descent and orbit insertion.

Audience: News Site: von Kármán

Client: Ludwinski/PIO, Org. 9500

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/07/1995 - 0:40:52 Producer: Goldrich

AVC-1996-057-1/1

Galileo Press Conference with NASA Administrator Daniel Goldin

NASA Administrator Daniel Goldin answers questions from the media regarding Galileo and other future missions.

Audience: News Site: von Kármán

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/07/1995 - 0:25:00 Producer: Beck

AVC-1996-058-1/1

Galileo Arrival Day Closing Press Conference

NASA Administrator Daniel Golden addresses the press about the success of the probe and s/c orbit and then Probe Manager Marcie Smith and Project Manager Bill O'Neil speak and take Q & A from NASA centers and press about the Galileo mission.

Audience: News Site: von Kármán

Client: Ludwinski, Org. 9500

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/07/1995 - 1:04:29 Producer: Goldrich

AVC-1996-060-1/1

San Diego: The Movie (supercomputing '95 version)

Computer generated flyby of San Diego and outlying areas. Produced by Cray Research Inc., Jet Propulsion Laboratory, University of Illinois at Chicago, and the San Diego Supercomputer Center.

Audience: Gen.

Client: Kathya Zamora

Master: BCAMsp Submaster: BCAMsp

Audio 1: stereo 2: stereo

12/11/1995 - 0:04:50

AVC-1996-061-1/1 **Galileo Openings for December 7th Blue Room Shows**

First opening is for Probe Entry segment - 1:13

Second opening is for Orbit Insertion - 1:05

Closing - :21

Audience: Resource

Client: Galileo Shows, Org. 9500

Master: 1"C

Audio 1: Mono mix 2: Mono mix

This is raw footage - Not For Release

12/11/1995 - 0:02:39 Producer: Savona

AVC-1996-062-1/1 **Galileo Probe Entry Animation**

Ames Research produced animation of the Galileo probe entry into Jupiter's atmosphere.

Audience: Resource

Site: Ames

Client: PIO, Org. 9500

Master: BCAMsp

Audio 1: Silent 2: Silent

12/01/1995 - 0:05:00 Producer: Ames Research Ctr.

AVC-1996-063-1/1 **What We Must Do to Return Humans to the Moon and Take Them to Mars**

VTV-587

Thomas F. Rogers, Chairman of the Sophron Foundation, gives lecture on annual reductions in our Federal civil space program, and how this affects future settlements on the Moon and voyages to Mars.

Audience: Gen.

Site: von Kármán

Client: Lew Ryan, Org. 6100

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/04/1995 - 1:00:00 Producer: Beck

AVC-1996-066-1/1 **Huygens SM2 Balloon Drop Test**

This narrated program explains the Huygens' balloon drop test conducted on May 14, 1995 in Esrange, Sweden. The news release uses graphics and actual taped footage of the test.

Huygens is a probe that will be released into Saturn's moon Titan from the Cassini spacecraft.

Audience: Resource

Client:

Master: 3/4"

Audio 1: Mono mix 2: Mono mix

12/14/1995 - 0:07:19 Producer: ESA

AVC-1996-068-1/1 **Exploration of the Solar System: Spanish Narration**
Adriana Ocampo describes in Spanish the solar system to an assembly at the University of Honduras. The presentation was taped for the USIS. Recorded on February 13, 1995.
Audience: Edu. Site: TV Studio
Client: PIO/Jim Doyle, Org. 182
Master: M-II
Audio 1: Mono mix 2: Mono mix
Note: Spanish language
12/15/1995 - 1:00:50 Producer: Savona

AVC-1996-070-1/1 **Trajectory Tool Navigation Software Video File For NASA**
A Short edited selection of interviews and B-Roll footage of "TRAJ TOOL", a software program developed at the Jet Propulsion Laboratory for use in Spacecraft Navigation.
Audience:
Client: PIO/Ed McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/08/1996 - 0:07:10 Producer: Scott Goldrich

AVC-1996-071-1/1 **Best of Galileo Video/Animation**
VTV-589
This compilation tape includes VEEGA and Tour trajectories, Earth Spin Movie, Earth/Moon Conjunction, Gaspra Flyover, Ida Rotation, Probe Release (Dial & Ames), ODM, Probe Relay and Entry/Descent, Launch and Deployment, The Jovian Lab, Communications Pipeline, S/C Tour.
Audience: Edu.
Client: Ludwinski, Org. 9500
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/09/1996 - 0:50:30 Producer: Goldrich

AVC-1996-072-1/1 **Rocky 7/Rover Technology Research: 1995 Accomplishments**
An edited production showing Rocky 7 navigating and conducting experiments in the Mars Yard. Activities performed by the rover include the use of stereo vision for

obstacle detection, autonomous localization by lander, and the execution of science tasks using its manipulator arm.

Audience: Tech. Site: Mars Yard

Client: Samad Hayati, Org. 3450

Master: 1" C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/09/1996 - 0:06:52 Producer: Savona/Semerano

AVC-1996-073-1/1 **Cassini Propulsion Module Main Engine Assembly Test**

Side view and top view of engine firing

White Sands Test Facility T.S. 401

Test date: 12/14/1995

Audience: Resource

Client: Suzanne Barber, Org. 1400

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/11/1996 - 0:03:10 Producer: Ziats

AVC-1996-075-1/1 **Infrared Interferometric Search for Neighboring Planetary Systems**

This is work in progress.

Audience: Resource Site: JPL

Client: Eric De Jong

Master: BCAMsp Submaster: BCAMsp

Audio 1: Stereo 2: Stereo

01/15/1996 - 0:03:38

AVC-1996-076-1/1 **Challenger Anniversary Resource Tape**

NASA/Johnson Space Center Tape 1531A

Audience: Resource

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/09/1996 - 0:32:43 Producer: JSC

AVC-1996-077-1/1 **STS-73 Post Flight Presentation**

VTV-591

NASA/JSC production #1529

Audience: Gen.

Client: JSC

Master: 3/4"

Audio 1: Mono mix 2: Mono mix JSC 1529

12/01/1995 - 0:28:45 Producer: JSC

AVC-1996-078-1/1 **STS-74 Post Flight Presentation**

VTV-592

NASA/JSC production #1538

Audience: Gen.

Client: JSC

Master: 3/4"
Audio 1: Mono mix 2: Mono mix JSC 1538
12/01/1995 - 0:38:15 Producer: JSC

AVC-1996-080-1/2
VTV-593/1

Early Galileo Probe Results Press Briefing

The briefing originated from NASA's Ames Research Center. Project Scientists and principal investigators presented results from the probe's fiery 57 minute descent through the giant gas planet's upper atmosphere. A new animation was also shown portraying this event. Panelists consist of: William O'Neal (JPL), Marcie Smith (AMES), Dr. Richard Young (AMES), Dr. Hasso Nieman (Goddard), Dr. Ulf von Zahn (GERMANY), Alvin Seiff (San Jose State Univ.),

Audience: News Site: AMES
Client: PIO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/22/1996 - 1:00:00 Producer: NASA Ames

AVC-1996-080-2/2
VTV-593/2

Early Galileo Probe Results Press Briefing

Part 2 of 2

Audience: News Site: AMES
Client: PIO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/22/1996 - 0:30:00 Producer: NASA Ames

AVC-1996-081-1/1

Galileo Probe Preliminary Results B-Roll and Animation

The source of this information is NTV Video File footage and includes sound bites from key project scientists.

Audience: Resource
Client:
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/22/1996 - 0:14:00

AVC-1996-082-1/1

Galileo Probe - First Measurements of Jupiter's Atmosphere

Computer animation showing release of probe into atmosphere. Interview with Dr. Richard Young, Probe Project Scientist. This animation was produced by Ames Research Center and released during a January Press Conference held at Ames.

Audience: Resource
Client: PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

01/25/1996 - 0:11:48 Producer: Ames Research Ctr.

AVC-1996-083-1/1 **Cassini S/C Integration - Video File**
Selected interview sound bites with Tom Gavin, followed by B-roll footage of flight hardware integration into the Cassini spacecraft framework in JPL's s/c assembly facility cleanroom. Plus ESA animation of s/c and probe.
Audience: Resource
Client: McNevin/PIO, Org. 182
Master: BCAMsp
Audio 1: Split 2: Split
01/29/1996 - 0:14:26 Producer: Goldrich

AVC-1996-084-1/2 **Keep the "Dream" Alive - Dr. Martin Luther King, Jr.**
VTV-597/1
A celebration of the life of Dr. Martin Luther King, Jr. featuring musical numbers and speeches from Larry Dumas, Alfred Paiz, Nickole Rogers, Rev. Lee Norris May, Mrs. Jo Bradley, Willis Meeks and Tam Antoine.
Audience: Gen. Site: von Kármán
Client: Beth Abkeah
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/29/1996 - 1:30:00 Producer: Goldrich

AVC-1996-084-2/2 **Keep the "Dream" Alive - Dr. Martin Luther King, Jr.**
VTV-597/2
A celebration of the life of Dr. Martin Luther King, Jr. featuring musical numbers and speeches from Larry Dumas, Alfred Paiz, Nickole Rogers, Rev. Lee Norris May, Mrs. Jo Bradley, Willis Meeks and Tam Antoine.
Audience: Gen. Site: von Kármán
Client: Beth Abkeah
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/29/1996 - 0:28:00 Producer: Goldrich

AVC-1996-086-1/1 **NASA Planetary Photojournal Video File for NASA TV**
Video File Production for NASA TV featuring a new World Wide Web site developed by JPL and the USGS for easy access to planetary data. Clip includes short interview with Myche McAuley and demonstration of the features of the Web page.
Audience: Gen. Site: von Kármán
Client: McNevin/PIO
Master: BCAMsp
Audio 1: Split 2: Split
02/01/1996 - 0:08:00 Producer: Goldrich

- AVC-1996-086-2/1 **NASA Planetary Photojournal Video File for NASA TV**
 Video File Production for NASA TV featuring a new World Wide Web site developed by JPL and the USGS for easy access to planetary data. Clip includes short interview with Myche McAuley and demonstration of the features of the Web page.
 Audience: Gen. Site: von Kármán
 Client: McNevin/PIO
 Master: BCAMsp
 Audio 1: Split 2: Split
 02/01/1996 - 0:00:00 Producer: Goldrich
- AVC-1996-087-1/1 **Mars Pathfinder Rover/Lander Integration Video File for NASA TV**
 VTV-595 Short edited highlights from the Mars Pathfinder Rover/Lander Integration Press tour in BLDG 179 on Jan 31, 1996. Clip includes interview with Donna Shirley and views of MP Rover and Lander during integration phase.
 Audience: Site: JPL
 Client:
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 01/31/1996 - 0:07:45 Producer: Beck
- AVC-1996-089-1/1 **Quantum Well Infrared Photodetector (QWIPS) - Video File for NTV**
 Video File production for NASA TV on QWIPS. Clip includes interview with Dr. Sarath Gunapala, task manager of QWIPS team and resource footage of the camera and its performance.
 Audience: NASA Resource
 Client: McNevin/PIO, Org. 182
 Master: BCAMsp
 Audio 1: Split 2: Split
 02/01/1996 - 0:10:15 Producer: Goldrich
- AVC-1996-090-1/1 **NBC Today Show : Galileo**
 An interview between Bryant Gumble and Ed Stone regarding data received from Galileo's probe.
 Audience: Gen.
 Client:
 Master: sVHS
 Audio 1: Mono mix 2: Mono mix
 Air check, not for general distribution
 01/23/1996 - 0:06:00 Producer: NBC
- AVC-1996-094-1/1 **A New View of the Universe Using the Hubble Space Telescope**
 VTV-602 Dr. John Trauger presented 60 new views of the universe as seen from the Hubble Space Telescope.
 Audience: Gen. Site: von Kármán

Client: Ed McNevin, Org. 182
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/08/1996 - 0:48:00 Producer: Beck

AVC-1996-096-1/1 **Visualization of Earth-Approaching Asteroids**

Orbits about Asteroid 4179 Toutatis (0:11:10)
Rotation of Asteroid 4179 Toutatis (0:06:00)
Impacts into Asteroid 4769 Castalia (0:02:16)
Orbits about Asteroid 4769 Castalia (0:18:18)
Audience: Tech.
Client: New Millennium Pgm.
Master: BCAMsp
Audio 1: Silent 2: Silent
02/23/1996 - 0:37:50 Producer: Eric De Jong

AVC-1996-099-1/1 **Magnetic Storms News Conference**

VTV-603

New findings that are beneficial to the telecommunications and power industries in preparing for huge geomagnetic storms are discussed. Participants include: Hugh Hudson, Douglas Hamilton, John Kappenman and Bruce Tsurutani, moderator
Audience: News Site: TV Studio
Client: PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/15/1996 - 0:27:09 Producer: Savona

AVC-1996-101-1/1 **Science Policy in a New Era**

Presented by Dr. Laurie Fathe, Assistant Professor of Physics at Occidental College.
Audience: JPL Site: 167
Client: Mina Flores
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/21/1996 - 0:52:30

AVC-1996-102-1/2 **Chapters in Aerospace History Interviews - Apollo M. O. Smith**

JPL retiree A. M. O. Smith is interviewed by Dr. Al Hibbs for the California Museum of Science and Industry's archives.
Audience: Gen. Resource Site: TV Studio
Client: Dr. Shirley Thomas
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/22/1996 - 1:28:50 Producer: Savona

- AVC-1996-102-2/2 **Chapters in Aerospace History - A.M.O. Smith**
 Part 2 of 2
 Audience: Gen. Resource Site: TV Studio
 Client: Dr. Shirley Thomas
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 02/22/1996 - 1:07:14 Producer: Savona
- AVC-1996-106-1/1 **"Spotlight on JPL" - BETSCE,QWIP,IAE,Kidsat,NEAT,Fair,NSCAT**
 The following programs were produced as segments for
 "Spotlight on JPL", a biweekly news program featuring JPL
 activities. This tape contains Brilliant Eyes Ten-Kelvin
 Sorption Cryocooler Experiment or BETSCE (4:24); Quantum
 Well Infrared Photodetector or QWIP(3:54; Inflatable Antenna
 Experiment or IAE(4:15); Kidsat (3:51) and Near Earth
 Asteroid Tracking or NEAT (3:04); San Fernando Valley Fair
 (3:34); NSCAT (3:45) and
 Audience: JPL Site: JPL
 Client: Stone/Alexander, Org. 180
 Master: 1"C
 Audio 1: Mono mix 2: Mono mix
 02/27/1996 - 0:27:14 Producer: Savona
- AVC-1996-111-1/1 **ESA/ISO First Results Press Conference**
 Audience: Resource Site: Spain
 Client: Mary Ellen Barba, Org. 7010
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 02/01/1996 - 1:00:46 Producer: ESA
- AVC-1996-112-1/2 **Cassini RPW's - Reel 1**
 Raw stock
 Audience: Resource
 Client: Mary Beth Murrill, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 02/16/1996 - 0:30:00
- AVC-1996-112-2/2 **Cassini RPW's - Reel 2**
 Raw stock
 Audience: Resource
 Client: Mary Beth Murrill, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 02/16/1996 - 0:30:00

AVC-1996-113-1/1 **Pluto - Hubble Space Telescope News Conference**
Dr. Alan Stern of Southwest Research Institute's Boulder, CO, revealed Hubble's snapshots of nearly the entire surface of Pluto, taken as the planet rotated through a 6.4-day period, show that Pluto is a complex object, with more large-scale contrast than any planet, except Earth. The images also reveal almost a dozen distinctive albedo features, or provinces, none of which have ever been seen before. They include a "ragged" northern polar cap bisected by a dark strip, a bright spot seen rotating with the planet, a cluster of dark spots, and a bright linear marking that is intriguing the scientific team analyzing the images. The images confirm the presence of icy-bright polar cap features, which had been inferred from indirect evidence for surface markings in the 1980s.
Audience: News Site: NASA Hq
Client: PIO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/07/1996 - 0:59:42 Producer: NASA Hq

AVC-1996-114-1/1 **JPL/AVIRIS California Gulch, CO Superfund Site Video File**
Short Video File discussing AVIRIS data being used to study the California Gulch Superfund site, located near Leadville, CO. This clip for NASA-TV contains raw interview segments, b-roll footage of the superfund site and b-roll footage of the AVIRIS instrument.
Audience: News
Client: PIO/McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/08/1996 - 0:09:28 Producer: Goldrich

AVC-1996-116-1/1 **"The Making of Apollo 13"**
VTV-608 Robert Legato a Visual Effects Supervisor takes us on a behind-the-scenes tour of the making of "Apollo 13". He presents film footage from the motion picture and a video showing the actual model that was built for the launch scene.
Audience: Gen. Site: von Kármán
Client: CMA, Org. 6100
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/11/1996 - 1:10:50 Producer: Savona

- AVC-1996-118-1/1 **Kidsat Local Briefing**
 Local press briefing on the KidSat program held in von Kármán Auditorium.
 Audience: Gen.
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 03/12/1996 - 1:00:00 Producer: John Beck
- AVC-1996-119-1/1 **KidSat News Conference**
 Live to NASA TV KidSat News Conference held in von Kármán Auditorium.
 Audience: Gen.
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 03/12/1996 - 0:30:00 Producer: John Beck
- AVC-1996-120-1/3 **Kidsat STS-76 Mission Overview - Phase I**
 Frank Culbertson - Acting Dir. Phase One Prog.
 Valery Ryumin - Dir. RSC Energia
 John Uri - MIR 21 Mission Scientist
 Overview Speaker: Phil Engelaut, Lead Flight Dir.
 7:30AM - 9:30
 Audience: News Site: NASA TV
 Client: Kidsat, Org. 1820
 Master: sVHS
 Audio 1: Mono mix 2: Mono mix
 03/12/1996 - 1:36:30 Producer: NASA TV (Beck)
- AVC-1996-120-2/3 **Kidsat STS-76 Crew News Conference, Videofile, and EVA Briefings**
 Kevin Chilton, Commander - Rick Searfoss, Pilot
 Ron Sega, Payload Comm. - Mission Specialists: Linda Godwin,
 Rich Clifford, Shannon Locid
 EVA Briefings: Scott Bleisath, Lead EVA Officer -
 Gregg Stover, MEEP Project Manager
 Audience: News Site: NASA TV
 Client: Kidsat, Org. 1820
 Master: sVHS
 Audio 1: Mono mix 2: Mono mix
 03/12/1996 - 2:00:00 Producer: NASA TV (Beck)
- AVC-1996-120-3/3 **EVA Cont., Spacehab Briefing, Kidsat Briefing, Getaway Special Brief.**
 Spacehab Briefing: Mike Lounge, Spacehab Shuttle/MIR Proj.
 MGR.
 Kidsat Briefing/JPL

Getaway Special: Dr. Allan Tylka, TRIS Experiment
Co-Investigator - Charlie Knapp, GAS Technical MGR.
Audience: News Site: NASA TV
Client: Kidsat
Master: sVHS
Audio 1: Mono mix 2: Mono mix
03/12/1996 - 0:58:00 Producer: NASA TV (Beck)

AVC-1996-121-1/1 **Preliminary Galileo Probe Mission Summary**
VTV-620 Animations show spacecraft approach and probe
release, probe entry, data return, detection of lightning,
high speed winds, formation of planet and impacts of comets
and asteroids.
Audience: Resource
Client: Ludwinski
Master: BCAMsp
Audio 1: Silent 2: Silent
03/07/1996 - 0:05:28 Producer: Goldrich

AVC-1996-122-1/1 **Aorounga Crater Chain Video File for NASA TV**
Video File segment for NASA TV, featuring Dr. Adriana
Ocampo, discussing the origin and discovery of this multiple
crater chain located in the country of Chad. SIR-C still
images of the crater chain and footage of the SIR-C payload
in the space shuttle are included.
Audience: Resource
Client: McNevin/PIO/NASA TV, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/18/1996 - 0:05:57 Producer: Goldrich

AVC-1996-123-1/1 **1997 NASA Budget Press Briefing**
VTV-610 Press Conference on the Fiscal year budget from
NASA headquarters
Speaker: Administrator Daniel S. Goldin
Moderator: Laurie Boeder, Associate Admin.
Audience: News Site: NASA HQ
Client: PAO, Org. 1800
Master: sVHS
Audio 1: Mono mix 2: Mono mix
03/19/1996 - 0:50:00 Producer: NASA HQ

AVC-1996-124-1/1 **NASA Space Camp - "The Ultimate Classroom"**
VTV-611
Audience: Edu.
Client: Teresa Bryant, Org. 0920

Master: VHS
Audio 1: Mono mix 2: Mono mix
03/20/1996 - 0:15:00 Producer: Space Camp

AVC-1996-125-1/2 **Keck Observatory**
A New Window on the Universe - 12:38
JPL Keck B-Roll
SL9 Impact
Jerry Nelson Interview
Jerry Nelson (cont.) Hale Pahaku
Hale Puhaku (cont.) Mirrors - Tape bad 1/2 thru
Audience: Resource
Client: Mary Beth Murrill, Org. 1810
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/25/1996 - 1:23:38

AVC-1996-125-2/2 **Keck Observatory**
Exteriors
Audience: Resource
Client: Mary Beth Murrill, Org. 1810
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/25/1996 - 0:20:44

AVC-1996-127-1/1 **Probing the Atmosphere of Jupiter - Results of the Galileo Probe**
VTV-612
After a brief introduction by Project Manager, Bill O'Neil. Probe Scientist, Dr. Richard Young provides one of the first weather reports from Jupiter, using data returned by the Galileo Atmospheric Probe's plunge into Jupiter's vast and complex atmosphere in Dec. 1995. Q&A follows.
Audience: JPL Site: von Kármán
Client: Jan Ludwinski, Org. 9500
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/26/1996 - 1:25:00 Producer: Savona

AVC-1996-128-1/1 **Galileo Flyby of Io and Io Cutaway Animations**
The first segment illustrates the spacecraft's flyby of Jupiter's moon Io. (30 seconds)
The second segment shows a cutaway of the interior of the moon Io revealing its iron core. (30 secs.)
Audience: Resource Site: Dana/Tufts
Client: Ludwinski/PIO, Org. 9500
Master: BCAMsp
Audio 1: Silent 2: Silent

Resource footage
03/27/1996 - 0:01:00 Producer: Savona

- AVC-1996-130-1/1 **Galileo Io Science Results Video File**
Interviews with Galileo scientists discussing Io's core and Io's interaction with Jupiter's magnetosphere. Raw animations illustrating Galileo's flyby of Io and Io's central core. To be used for NASA TV Video File in conjunction with first Galileo orbiter science press release.
Audience: Resource
Client: PIO/McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/28/1996 - 0:09:45 Producer: Goldrich
- AVC-1996-132-1/1 **Galileo Surface Map of Io**
A computer animation which displays the surface gravity map of Io as a series of color contours on a rotating globe of Io. The globe was created from a mosaic of Voyager images.
Audience: Resource Site: SSV
Client: Eric De Jong
Master: BCAMsp Submaster: DVCPPro25
Audio 1: Silent 2: Silent
05/03/1996 - 0:02:00 Producer: Eric De Jong
- AVC-1996-133-1/1 **The Volcanic Deserts of Saudi Arabia**
A computer animation which simulates a flight over north-western Saudi Arabia. The animation was created using an image taken by the KidSat camera mounted on the Space Shuttle Atlantis on Flight STS-76.
Audience: Resource Site: SSV
Client: Eric De Jong
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/29/1996 - 0:02:35 Producer: Eric De Jong
- AVC-1996-135-1/1 **Stardust Animation (Discovery Program)**
0:41 "The Stars & Beyond" animation w/narration describing the Lockheed Martin Astronautics Flight Systems' spacecraft for the NASA Discovery Program. Scheduled to launch in early 1999 to collect samples from Comet D-WILD-2 and particles beaming into the Solar System.
Raw source animation for above sequence:
0:34 Comet with coma.
0:34 Spacecraft over comet with coma background.

0:17 S/C over Earth ejecting collection capsule.
0:11 Capsule descending through atmosphere, Earth POV.
Audience: Resource
Client: Stardust/PIO, Org. 181
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/16/1996 - 0:04:00 Producer: Lockheed Martin

AVC-1996-136-1/1 **Mars Pathfinder Animation**
VTV-666
A complete computer-generated sequences illustrating a proposed mission to Mars using small, lightweight spacecraft. Includes launch, cruise, landing and the exploration of the surface of Mars.
Audience: Resource
Client: Mars Pathfinder, Org. 1510
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/18/1996 - 0:07:57 Producer: Dr. Cheick Diarra

AVC-1996-137-1/2 **Chapters in Aerospace History - Dr. Albert Hibbs**
JPL retiree Dr. Albert Hibbs is interviewed by Donna Shirley for the California Museum of Science and Industry's archives. Al Hibbs recounts his experiences from his early years at the lab to the present.
Audience: Gen. Site: TV Studio
Client: Dr. Shirley Thomas, Org. 182
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT: 2:22:45
04/04/1996 - 1:27:45 Producer: Savona

AVC-1996-137-2/2 **Chapters in Aerospace History - Dr. Albert Hibbs**
Part 2 of 2.
Audience: Gen. Site: TV Studio
Client: Dr. Shirley Thomas, Org. 182
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT: 2:22:45
04/04/1996 - 0:51:00 Producer: Savona

AVC-1996-138-1/1 **Cassini Testing & Integration at JPL Compilation - Video File**
Cassini S/C Integration Videofile & Raw Stock.1/29
Cassini RWP's Testing 2/16/96
High Gain Antenna Integration 7/21/95
Cassini/Huygens Test Model Interface Test 7/18/95
Propulsion Module Main Engine Assembly Test1/11/96

Cassini Shake Test 1/8/96
Audience: Resource
Client: Mary Beth Murrill
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/05/1996 - 0:56:00 Producer: Ziats

AVC-1996-139-1/1 **"Where the Trends in National Science Policy are Headed."**
VTV-614 Congressman George E. Brown talks about Science
Policy for a CMA evening talk.
Audience: Gen. Site: von Kármán
Client: Mina Flores, Org. 6100
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/09/1996 - 1:05:00 Producer: Ziats

AVC-1996-140-1/1 **Space Technology & the Discovery of the Lost City of Ubar**
VTV-615 Dr. Ronald Blom co-discoverer of the lost city of
Ubar gives a presentation on its discovery. This slideshow
talk covered anecdotes and background on the Field trips to
The Saudi Peninsula of Oman.
This is a CMA noontime briefing intro by Mina Flores.
Audience: Gen. Site: von Kármán
Client: Mina Flores, Org. 6100
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/11/1996 - 1:06:00 Producer: Borst

AVC-1996-142-1/1 **Sir-C/X-SAR Great Wall of China Video File for NASA-TV**
Video File material for NASA-TV discussing how Sir-C/X-SAR
data are being used to study the Great Wall of China. Tape
includes interview with Jeff Plaut, radar images of the
Great Wall, raw footage of scientists in the field in China
and footage of the Sir-C/X-SAR launch in April '94.
Audience: News
Client: PIO/McNevin/NASA
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
04/15/1996 - 0:08:05 Producer: Goldrich

AVC-1996-143-1/1 **TOPEX/Poseidon Video File**
Item #1: STS-1, 15th Anniversary footage commemorating first
Shuttle flight.
Item #2: TOPEX/Poseidon Spacecraft Animation
Item #3: TOPEX El Nino Data Animation
Item #4: TOPEX/Poseidon El Nino Color Maps

Audience: Resource
Client: McNevin, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/12/1996 - 0:09:00 Producer: Borst

AVC-1996-145-1/1 **The Age of Space Flight - "Events, People, Thoughts"**
VTV-616
A CMA Evening Talk by Aleksandr Yu. Ishlinski of the Russian Academy of Sciences talks on his experiences with the Russian Space Agency since its inception. This talk has an introduction by former JPL Director, Dr. William H. Pickering.
Audience: Gen. Site: 167
Client: Roger Bourke, Org. 6100
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/18/1996 - 1:08:00

AVC-1996-146-1/5 **Galileo Jupiter Arrival Day**
Includes JPL/NASA television coverage of:
AVC-96-056 Galileo Arrival Day Opening Press Conf.
0:40:52
AVC-96-050 Galileo Probe Descent Overview
2:00:00
AVC-96-051 Galileo Orbit Insertion Overview
1:30:00
AVC-96-058 Galileo Arrival Day Closing Press Conf.
1:04:29
Audience: Gen. Site: JPL
Client: M. Hine, Org. 9500
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/07/1995 - 5:13:00 Producer: JPL A/V

AVC-1996-147-1/1 **NEAT Video File for NASA TV**
Video file elements for the Near Earth Asteroid Tracking developed at JPL. Clips include interviews with Dr. Eleanor Helin and Steven Pravdo, members of the NEAT team at JPL. Stills of USAF station in Hawaii and resource animation of asteroids are included in this package.
Audience: NASA
Client: NASA TV
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/22/1996 - 0:10:42 Producer: Mc Nevin

- AVC-1996-152-1/1 **STS-77 Pre-Flight Briefing Spartan 207/Inflatable Antenna Experiment**
 VTV-621 STS-77 Pre-Flight Briefing with Mark Steiner,
 Spartan 207 Mission Manager; Dr. Steven Bard, IAE Project
 Manager/Jet Propulsion Laboratory; Gordon Veal, Principal
 Investigator/L'Garde
 Audience: News Site: Goddard
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/30/1996 - 0:39:00 Producer: NASA TV
- AVC-1996-153-1/1 **STS-77 Pre-Flight Briefing of BETSCE**
 Pre-Flight Briefing with Dr. Steven Bard, BETSCE Project
 Manager/Jet Propulsion Laboratory. Brilliant Eyes
 Ten-Kelvin Sorption Cryocooler Experiment or BETSCE will
 launch in May 1996.
 Audience: News Site: Goddard
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/30/1996 - 0:10:16
- AVC-1996-156-1/1 **NSCAT In Japan**
 B-Roll of the Instrument.
 ADEOS Shot (March 1995 through April 1996)
 By NASDA Tokyo
 Audience: Resource Site: Tokyo
 Client: Mary Hardin, Org. 7830
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/01/1996 - 1:00:59 Producer: NASDA Tokyo
- AVC-1996-158-1/1 **Keck II Dedication Video File for NASA-TV**
 Video File for NASA-TV to be used in support of the
 dedication of the Keck II observatory on May 8, 1996.
 Segments include an interview with Dr. Edward Stone,
 resource footage of the Keck facility and galaxies and
 nebulas as viewed by the Keck observatory.
 Audience: News
 Client: McNevin/PIO/NASA-TV
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/02/1996 - 0:08:55
- AVC-1996-159-1/1 **Ion Engine Testing Video File for NASA-TV**
 Video File segment for NASA-TV showing the NSTAR 8,000 hour

Ion engine test at JPL. Includes an interview with Jay Polk, advanced propulsion technology group, footage of the Ion engine being operated in a vacuum chamber at JPL and animation depicting a futuristic anti-matter propelled spacecraft flying towards the Orion Nebula.

Audience: News

Client: McNevin/PIO/NASA-TV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/02/1996 - 0:06:12

AVC-1996-162-1/1 **Mobile Underwater Debris Survey System Video File for NASA-TV**

Video File production on the MUDSS system, a joint program between the U.S. Navy and JPL to detect unexploded ordnance at weapon testing ranges. Includes interview with Dr. Tien Hsin Chao, task manager of MUDSS, and animation and data depicting how the system will work.

Audience: News

Client: McNevin/PIO/NASA-TV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/06/1996 - 0:09:25

AVC-1996-163-1/1 **NASA TV Video File**

Interview - Dr. Margaret Kivelson, Galileo Team Leader. Description of how data from Galileo has revealed new information about Jupiter and Io's magnetic field.

Replay - A New Look At The Sun

A Downlink

Audience: Resource

Client: PIO

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/03/1996 -12:00:00 Producer: Hanchett

AVC-1996-164-1/1 **The Role of Penetrators in Sample-Return Missions**

VTV-622

This program covers two potential applications for sample-return missions. Inexpensive landers in the form of penetrators, can collect both surface and sub-surface samples and prepare them for Earth return. This lecture is presented by William V. Boynton, Professor of Planetary Sciences.

Audience: Tech.

Site: von Kármán

Client: Suzanne D'Mello

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
05/06/1996 - 1:00:00 Producer: Beck

AVC-1996-165-1/1 **Mars Pathfinder Resource Compilation**
This tape contains the best of raw footage from assembly to launch for the Mars Pathfinder mission.
Audience: Resource
Client: Skip McNevin, Org. 1810
Master: BCAMsp
Audio 1: mono 2: mono
11/13/1996 - 1:03:00 Producer: Beck

AVC-1996-166-1/1 **Space Science in the 21st Century**
VTV-623 Directors Topical Seminar Series
Professor Freeman Dyson gives lecture on three advanced launch systems that give us radically cheaper access to space.
Audience: Tech. Site: von Kármán
Client: Edward NG
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/09/1996 - 1:08:00 Producer: Beck

AVC-1996-175-1/1 **"A Tour of the Solar System"**
Computer animation of a journey through the solar system, starting from the Sun and passing by all the planets. Three versions, at 25, 35 and 45 seconds. Created by Dana Berry.
Audience:
Client: JPL
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
05/16/1996 - 0:02:00

AVC-1996-176-1/1 **SIR-C - Flyover of the Rocky Mountains of Montana**
A simulated flight over the Rocky Mountains of Montana using a three-dimensional map constructed from SIR-C radar observations.
Audience: Resource
Client: Mona Jasnow/De Jong
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
05/16/1996 - 0:01:58 Producer: Savona

AVC-1996-177-1/1 **TOPEX/Poseidon Buoys Video File**
This Video File contains interviews with the project scientist and students about their work with tracking buoys

for the TOPEX/Poseidon satellite. Also includes B-roll and animation.

Audience: News

Client: DeCharon/NASA-TV

Master: M-II Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/16/1996 - 0:07:40 Producer: Goldrich

AVC-1996-178-1/1 **STS-77 Day 2 Highlights Compilation Tape (Inflatable Antenna)**

Mission Video File 25:00

Mission Update with Pat Ryan - 12:00

Guest: Mark Steiner - Spartan 207/IAE

Mission Manager

Raw Views of Inflatable Antenna Deployment with Astronaut John Casper Commander STS-77

Audience: Gen. Site: NASA Select

Client: Ed McNevin, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/20/1996 - 1:00:00 Producer: McNevin

AVC-1996-179-1/1 **Cassini Fly Your Name to Saturn - Video File**

Short Video File production on the "Fly Your Name to Saturn" opportunity sponsored by JPL and The Planetary Society.

Clip includes an interview with Dave Hagie of The Planetary Society and b-roll footage of volunteers processing signature submissions.

Audience: News

Client: McNevin/PIO/NASA-TV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/21/1996 - 0:04:41 Producer: Goldrich

AVC-1996-180-1/1 **New Millennium-DS2 Mars Micropenetrator Video File for NASA-TV**

Video File production on the flight opportunity for the Mars micropenetrators, developed by the New Millennium program at JPL. Includes interviews with Sarah Gavitt and Sue Smrekar and animation depicting the deployment and impact of the micropenetrators on Mars.

Audience: News

Client: McNevin/PIO/NASA-TV

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/21/1996 - 0:06:17 Producer: Goldrich

AVC-1996-182-1/1 **RTG's: Powering Space Exploration into the 21st Century**

An edited production explaining the use of RTGs by robotic spacecraft in interplanetary exploration.

Audience: Gen. Site: JPL

Client: McNevin, Org. 1810

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/22/1996 - 0:09:50 Producer: Semerano

AVC-1996-183-1/1 **The Crab Nebula: The Movie (VISUALS ONLY)**

A video news release from Space Telescope Science Institute.

Visuals only

Audience: News Site: Maryland

Client: Jurrie Van der Woude, Org. 1810

Master: BCAMsp

Audio 1: Mono mi 2: Mono mix

05/30/1996 - 0:08:11 Producer: STSI

AVC-1996-193-1/1 **Galileo Ganymede-1 Encounter Video File for NASA-TV**

Video File segment developed prior to the Galileo encounter with Ganymede on June 26, 1996. Tape includes interview with Dr. Torrence Johnson, Galileo Project Scientist, animation depicting Galileo's flyby of Ganymede, simulated views of the surface of Ganymede based on Voyager data, and stills of Ganymede from Voyager.

Audience: News

Client: McNevin/PIO/NASA-TV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/21/1996 - 0:10:22 Producer: Goldrich

AVC-1996-195-1/1 **Galileo - Ganymede Encounter - G1 orbit computer animation**

A computer animation illustrating closest approach to Jupiter's moon Ganymede. One second of video displays one hour of the events taking place from June 25, 1996, at 23:29 PDT to June 27, 1996, at 23:29 PDT. On June 26, 1996, at 23:29 PDT the spacecraft will at closest approach to Ganymede.

Audience: Resource Site: JPL

Client: Eric De Jong

Master: BCAMsp

Audio 1: Silent 2: Silent

06/24/1996 - 0:00:47 Producer: De Jong

AVC-1996-196-1/1 **Galileo - Ganymede Encounter - Spacecraft & Satellite Positioning**

A computer animation illustrating the relative location of

the spacecraft, Jupiter and its moons during the G1 encounter period. One second of video displays two hours of the events taking place from June 24, 1996, at 23:29 PDT to June 28, 1996, at 23:29 PDT.

Audience: Resource

Client: Eric De Jong

Master: BCAMsp

Audio 1: Silent 2: Silent

06/24/1996 - 0:00:55 Producer: De Jong

AVC-1996-197-1/1 **Video Wall-Exploration of Solar System & Robotic Sampler**

Edited production for a video wall depicting the planets and universe based on some of the most recently acquired NASA images to date. No narration. Both shows can be viewed single screen.

Audience: Gen.

Client: Alexander/Bridges

Master: 1"C Submaster: BCAMsp

Audio 1: Stereo 2: Stereo

06/25/1996 - 0:12:00 Producer: Semerano

AVC-1996-198-1/1 **Andy Thomas Visit to JPL**

VTV-632

Former JPL employee, Andy Thomas, Mission Specialist on STS-77, narrated a video of the activities aboard Endeavor during its 10-day mission.

Audience: Gen. Site: von Kármán

Client: PAO, Org. 180

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/24/1996 - 0:56:00 Producer: Beck

AVC-1996-199-1/2 **Galileo - Ganymede Family Night**

Coverage of closest approach of the Galileo spacecraft's encounter with Jupiter's moon Ganymede as observed by the Galileo team and their family and friends.

Part 1 of 2: TRT - 01:58:00

Audience: JPL Site: von Kármán

Client: Maynard Hine

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/26/1996 - 1:30:00 Producer: Savona

AVC-1996-199-2/2 **Galileo - Ganymede Family Night**

Part 2 of 2: TRT - 01:58:00

Audience: JPL Site: von Kármán

Client: Maynard Hine

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/26/1996 - 0:28:00 Producer: Savona

AVC-1996-201-1/1 **Vice President Gore's Announcement of X-33 Builder**
VTV-629 V.P. Al Gore announcing, outside bldg. 180, the
winning contractor for the development of the X-33 SSTO
vehicle. Included is an introduction by NASA Administrator
Dan Goldin.
Audience: News Site: JPL Mall
Client: NASA Public Affairs
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/02/1996 - 0:23:10 Producer: Savona

AVC-1996-202-1/1 **X-33 Press Conference with NASA Administrator Dan Goldin & Gary**
VTV-630 **Payton**
Dan Goldin and RLV Director Gary Payton discuss the
X-33 project and its winning builder, and answer questions
from local and national media, as well as from other NASA
centers. Included at the end is V.P. Gore's award
announcement and animation of the winning design.
Audience: News Site: von Kármán
Client: NASA Public Affairs
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/02/1996 - 0:59:57 Producer: Savona

AVC-1996-204-1/1 **X-33 Concept Animation**
Animations from NASA Video File depicting the three
contenders for the X-33 RLV spacecraft. Animation #2 from
Lockheed was the winning design, as announced by Vice
President Al Gore, at JPL.
Audience: Gen.
Client:
Master: BCAMsp
Audio 1: Silent 2: Silent
07/02/1996 - 0:07:22 Producer: NASA-TV

AVC-1996-205-1/1 **Galileo Ganymede Press Briefing Video File for NASA-TV**
Video File elements used in support of the Galileo Ganymede
first encounter press briefing, held July 10, 1996. Includes
first image of Uruk Sulcus, zoom-in animation onto Ganymede,
using Voyager and Galileo data, and animation depicting
Galileo's detection of a magnetosphere surrounding Ganymede.
Audience: News

Client: McNevin/PIO/NASA-TV
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/09/1996 - 0:05:29 Producer: Goldrich

AVC-1996-206-1/1 **Science Briefing to the Galileo Flight Team**
VTV-634 An evaluation of Science Data by the Galileo Flight Team.
Audience: Resource Site: JPL
Client: Maynard Hine, Org. 9500
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/10/1996 - 1:30:00 Producer: Beck

AVC-1996-207-1/1 **Galileo Science Update - First Ganymede Encounter Pictures & Results**
VTV-635 David Seidel moderates a science discussion of Galileo's first encounter with Jupiter's moon Ganymede. Participants include: Dr. Jim Head, Dr. Bob Pappalardo, Dr. Torrence Johnson and Bill O'Neil.
Audience: News Site: von Kármán
Client: PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/10/1996 - 1:00:00 Producer: Savona

AVC-1996-210-1/1 **Shuttle Radar Topography Mapper (SRTM) Computer Animation**
The first segment shows an icon of the shuttle & antenna to illustrate the shuttle's orbit. Next segment we see the radar instrument. The last segment a yellow ellipse emanates from the antenna mounted in the shuttle's bay representing the signal from the C-band antenna.
Audience: Resource
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
06/27/1996 - 0:03:18

AVC-1996-211-1/1 **Space Science Update - "Pluto"**
Space Science Update featuring new images of the distant planet Pluto, providing the highest detail of the icy bodies surface as seen using the Hubble Space Telescope. Hosted by Steve Maran of the Goddard Space Flight Center.
Audience: News Site: NASA HQ
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

03/07/1996 - 0:56:44 Producer: NASA

AVC-1996-212-1/1 **Space Science Update - "Measuring the Universe"**
Space Science Update featuring a discussion on the relative age of our universe, and Hubble's increased capability to characterize the age of our solar system and surrounding universe. Hosted by Steve Moaran of the Goddard Space Flight Center.
Audience: News Site: NASA HQ
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/09/1996 - 1:09:47 Producer: NASA

AVC-1996-213-1/1 **Space Science Update - "Crab Nebula: The Movie"**
Space Science Update featuring a discussion and animations on the Crab Nebula based on recent observations made using the Hubble Space Telescope. Hosted by Steve Maran of the Goddard Space Flight Center.
Audience: News Site: NASA HQ
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/30/1996 - 0:39:10 Producer: NASA

AVC-1996-218-1/1 **Galileo's Encounter Computer Animation Collection**
Computer animation simulations of the Galileo spacecraft encounter with Ganymede, Europa and Jupiter's Great Red Spot.
Spacecraft Closest Approach to Ganymede - :48
Spacecraft & Satellite Positions - :34
Magnetic Field Measurements - :35
Simulated Flight Over Uruk Sulcus - 1:15
Zoom into Uruk Sulcus - :44
Zoom into Europa - 1:23
Rotation of Jupiter and Blinking GRS - 1:35
Audience: Resource Site: DIAL
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
07/18/1996 - 0:12:06 Producer: Savona

AVC-1996-222-1/1 **Mission: MARS**
VTV-647 A look back at the Viking Mars missions and a look forward to our return to the red planet. Includes the Viking Mars Lander with first color photograph, 1976; Mars

Global Surveyor; Mars '98 Orbiter; Mars '98 Lander
Audience: Gen.
Client:
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono Mixed 2: Mono Mixed
Copyright by Lockheed Martin Astronautics
09/24/1996 - 0:12:00 Producer: Lockheed Martin

AVC-1996-231-1/1 **Mars Penetrator and Deep Space 1 Animations**
Short animations showing the impact of surface penetrators on Mars and the DSO spacecraft encountering both an asteroid and a comet.
Audience: Resource
Client: Ed McNevin
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/06/1996 - 0:06:15 Producer: Semerano

AVC-1996-232-1/1 **NSCAT Pre-Launch Video File for NASA-TV**
Video File package for NASA-TV to be used in conjunction with the launch of the NSCAT instrument onboard the Japanese ADEOS satellite in August. Features interview with Jim Graf, NSCAT Project Manager as well as footage of the s/c, animation depicting launch and examples of anticipated NSCAT data.
Audience: News
Client: PIO/NASA-TV/McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/06/1996 - 0:09:32 Producer: Goldrich

AVC-1996-233-1/1 **Mars Precision Landing Animation**
This computer animation illustrates a typical Mars mission sequence. Includes aero-maneuvering and precision soft landing.
Audience: Resource Site: DIAL
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
08/07/1996 - 0:02:31 Producer: Savona

AVC-1996-234-1/2 **NASA HQ Briefing: Discovery of Possible Early Martian Life**
VTV-638 News conference from NASA headquarters on findings showing strong circumstantial evidence of possible early Martian Life, including microfossil remains found in a Martian meteorite.

Speakers:

Dan Goldin, NASA Administrator; Dr. Wesley Huntress Jr. NASA Assoc. Administrator for Space Science; Dr. David McKay, principal author, JSC; Dr. Everett Gibson, JSC; Dr. Richard N. Zare, Professor of Chemistry, Stanford U.; Kathy Thomas-Keprta, Lockheed-Martin, JSC; and Dr. William Schopf, Professor, Dept. of Earth and Space Sciences, UCLA.
Q&A at end plus B-roll of images.

Audience: News Site: NASA HQ

Client: PIO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT: 2:13:00

08/07/1996 - 1:30:00 Producer: NASA HQ

AVC-1996-234-2/2 **NASA HQ Briefing: Discovery of Possible Early Martian Life**
VTV-638 Part 2

Q&A and B-roll of images.

Audience: News Site: NASA HQ

Client: PIO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT: 2:13:00

08/07/1996 - 0:43:45 Producer: NASA HQ

AVC-1996-235-1/1 **Mars Mission Animation Compilation**

VTV-668

1) Mars Global Surveyor- 5:42

2) Mars Pathfinder Animation- 7:57

3) Mars the Movie- 5:30

4) Mars Precision Landing Animation- 2:30

5) Mars Global Surveyor Deployment Animation-1:09

Audience: Resource

Client: PIO/McNevin, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/07/1996 - 0:23:47 Producer: Ziats

AVC-1996-236-1/1 **KIDSAT: Flyovers & STS-76 Mission Coverage**

Audience: Resource

Client: Jobea Way

Master: VHS

Audio 1: Mono mix 2: Mono mix

08/08/1996 - 1:17:04 Producer: Beck

AVC-1996-238-1/1 **ACW Presents "A Personal Voyage"**

Astronaut Candidate Stephanie Wilson tells of her

experiences in the astronaut training program as well as her work on the Galileo spacecraft to a small group of students from the Pasadena & Los Angeles school districts.

Audience: Edu.

Client: J. Mills

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/12/1996 - 0:16:00 Producer: Beck

AVC-1996-240-1/1

Galileo Science Team Briefing #2

Detailed Science presentations from the Galileo Science Team prior to the 8-13-96 Press Conference.

Audience: JPL

Site: von Kármán

Client: M. Hine

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/12/1996 - 1:30:00 Producer: Beck

AVC-1996-242-1/1

Galileo Science Update-Observing Changes on Europa & Jupiter's System

VTV-640

David Seidel moderates a science discussion of Galileo's latest images of Europa, Io and Jupiter.

Participants include: Dr. Ronald Greeley, Dr. Alfred McEwen, Dr. Diana Blaney and Dr. Andy Ingersoll.

Audience: News

Site: von Kármán

Client: PIO

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/13/1996 - 0:59:15 Producer: Savona

AVC-1996-243-1/1

Galileo Observing Changes on Europa and in Jupiter's System Video File

Video File elements for NASA-TV used in conjunction with the Galileo Science Update on August 13, 1996. Footage includes a two-dimensional pan of Europa's surface using Galileo imaging data, time-lapse animation of the Great Red Spot using images taken 70 minutes apart, and still images of Jupiter's moon Io (showing a volcanic plume), Europa's surface, and the Great Red Spot.

Audience: News

Client: McNevin/PIO/NASA-TV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/12/1996 - 0:04:50 Producer: Goldrich

AVC-1996-244-1/1

NASDA/ADEOS (NSCAT) Launch from Japan and Replays

- VTV-642 Edited version of Launch of NASDA/ADEOS Satellites (NASA Scatterometer) aboard Japanese Rocket from Tanegashima Space Center. Satellite transmission recorded August 16. Includes outside view of launch.
Audience: Gen. Site: vK
Client: Mary Hardin, Org. 181
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/16/1996 - 0:28:00 Producer: Borst
- AVC-1996-247-1/2 **NSCAT LAUNCH B-ROLL**
Unedited views of people watching the launch of NSCAT in von Kármán Auditorium on August 16, 1996.
Audience: News Resource Site: JPL
Client: Seidel/Lievens
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/16/1996 - 0:20:00 Producer: Semerano
- AVC-1996-247-2/2 **NSCAT LAUNCH B-ROLL**
Isolated fixed views of guests speaking during the launch of NSCAT in von Kármán Auditorium on August 16, 1996.
Audience: News Resource Site: von Kármán Aud.
Client: Seidel/Lievens
Master: M-II
Audio 1: Mono mix 2: Mono mix
08/16/1996 - 1:30:00 Producer: Semerano
- AVC-1996-248-1/1 **Looking for Signs of Martian Life Video file for NASA-TV**
NASA TV video file B-roll and animations
Audience: Gen. Site: JPL
Client: PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/08/1996 - 0:18:44 Producer: Ziats
- AVC-1996-249-1/1 **Mars Global Surveyor Arrival & Transfer to PHSF Video file for NASA-TV**
Video file from NASA TV
Audience: News Resource
Client: PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/14/1996 - 0:17:04 Producer: Ziats
- AVC-1996-252-1/1 **Searching for Life in the Ancient Water Systems of Mars**

- VTV-643 JPL's Public Affairs Office presentation
 Speaker: Dr. Michael Carr, United States Geological Survey.
 A two camera videotaping in von Kármán Auditorium.
 Audience: Gen. Site: von Kármán Aud.
 Client: PAO
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 08/22/1996 - 1:07:54 Producer: Beck
- AVC-1996-253-1/1 **Toys in Space**
 VTV-980 A series of segments with shuttle astronauts
 describing and demonstrating the physical properties and
 reactions of certain children's toys operating in the
 microgravity environment of space.
 Audience: Gen. Edu.
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 08/23/1996 - 1:01:22 Producer: NASA
- AVC-1996-255-1/1 **Galileo Ganymede-2 Encounter Video File for NASA-TV**
 Video File elements used in support of the Galileo's second
 encounter with Ganymede on Sept. 6, 1996. Includes
 interviews with Brian Paczkowski and William O'Neil, and
 features animation products developed from Galileo's first
 flyby of Ganymede on June 27, 1996.
 Audience: News Resource
 Client: McNevin/PIO/NASA-TV
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 08/30/1996 - 0:12:52 Producer: Goldrich
- AVC-1996-256-1/1 **Ganymede G2 Encounter & Spacecraft and Satellite Positioning
 Animation**
 Computer animation displays closest approach and Spacecraft
 and Satellite Positioning of the Galileo mission.
 Descriptions precede each animation.
 Audience: Resource
 Client: Eric De Jong
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 09/04/1996 - 0:04:04
- AVC-1996-258-1/1 **Galileo Animation Compilation**
 Contains Earth 1 Rotation, Earth Moon Conjunction, Probe
 Release and Entry, Ganymede 1 Encounter Results, Jupiter

Orbital Tour
-Contains Music and Natural Sound
Audience: Edu.
Client: M. Hine
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/05/1996 - 0:07:45 Producer: Beck

AVC-1996-260-1/1 **Pluto Express Trajectory Animation**
Various views of the Pluto Express trajectory and a view of the spacecraft revolving about its center point. Produced for inserting into a Discovery Channel program.
Audience: Resource Site: 179 FST
Client: Patti Koenig
Master: BCAMsp
Audio 1: silent 2: silent
Raw footage
09/12/1996 - 0:22:02 Producer: Hanchett

AVC-1996-261-1/1 **SGM - Second Generation Microspacecraft**
This video gives a brief overview of a highly autonomous spacecraft, adaptable for a variety of missions and describes its principal technologies, instrument simulation and mission visualization.
Audience: Tech.
Client: C. Satter
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/15/1996 - 0:15:00 Producer: Satter/Beck

AVC-1996-262-1/1 **Light and Dexterous Robots for In Situ Planetary Science**
An edited production demonstrating a new composite robot arm technology for Mars surface science.
Audience: Tech. Site: 277 & 107
Client: Paul Schenker, Org. 3540
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/1996 - 0:05:38 Producer: Savona

AVC-1996-265-1/1 **Cassini Spacecraft Stacking - Video File**
B-roll footage of Cassini assembly and stacking activities conducted on Saturday, September, 14 and Friday, September, 20, 1996 in the Spacecraft Assembly Facility at the Jet Propulsion Laboratory. (Natural Sound)
Audience: News Resource
Client: McNevin/PIO/NASA-TV

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/23/1996 - 0:16:13 Producer: Goldrich

AVC-1996-267-1/1 **Robot Assisted Micro Surgery - RAMS**
An edited program describing FY 96 accomplishments of the
Robot Assisted Micro Surgery task.
Audience: Tech. Site: 198 B6
Client: Hari Das, Org. 345
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/25/1996 - 0:06:08 Producer: Savona

AVC-1996-270-1/1 **Mars Global Surveyor Resource Compilation**
Includes:
MGS "Surveying the Martian World"-5:40, Hoist-3:24; Spin
Test-2:37; Unloading-1:55; Uncanning-2:08; Camera
Installed-4:48; Move to
alignment stand-1:28; Blanket Install-1:22;
Solar Panel Install-2:16; Rocket Motor Install-:50;
Encapsulation-2:31; MGS Erection at Launch Complex
17a-4:15; Launch from -2:00 to 3:00- 5:08; MGS Tracking
Station- 3:23; MGS Deployment Animation-1:09.
Audience: JPL NASA Resource
Client: Skip McNevin, Org. 1810
Master: BCAMsp
Audio 1: mono 2: mono
05/07/1996 - 0:46:00 Producer: Beck

AVC-1997-004-1/1 **NSCAT B-Roll**
NASA TV Video File showed animation, images and an interview
highlighting the first results from NASA Scatterometer
(NSCAT) instrument aboard Japan's Advanced Earth Observing
Satellite (ADSEOS). NSCAT was launched aboard ADEOS last
August and sent back these first images in September showing
ocean surface wind speeds as well dramatic views of Typhoons
Tom and Violet. For more information contact Doug Isbell at
(202) 358-1753.
1. Jim Graf Interview (Audio Mix Ch. 1 & 2)
2. Interpolated Wind Field - Pacific (MOS)
3. Interpolated Wind Field - West Pacific (MOS)
4. Typhoons Violet & Tom (MOS)
5. NSCAT Launch (Audio mix Ch. 1 & 2)
6. NSCAT Animation (MOS)
Audience: JPL Resource
Client: PIO/McNevin

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/01/1996 - 0:11:30 Producer: Photo Lab

AVC-1997-005-1/1 **Lightweight Rovers for Planetary Science**
An edited production discussing the development of the Lightweight Survivable Rover (LSR-1) technology, a concept for replacing the heavier and larger volume Sojourner series of rovers currently being flown on Mars missions.
Audience: Tech.
Client: Paul Schenker
Master: 1"C Submaster: BCAMsp
Audio 1: Mono Mix 2: Mono mix
10/02/1996 - 0:05:00 Producer: Goldrich

AVC-1997-006-1/1 **Exploration of Small Bodies - RTOP**
This tape contains an ADAMS simulation of a 3-legged comet lander. Simulations include landing on +45 deg. surface, -45 deg. surface and flat surface.
Audience: Tech.
Client: R. Linderman
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/03/1996 - 0:07:00 Producer: Beck

AVC-1997-007-1/1 **Real-Time Collision Avoidance for Dexterous 7-DOF Arms**
This edited production describes the NASA-Ranger Telerobotic Flight Experiment, aimed at the development and demonstration of robotics technologies for executing manipulation tasks in space.
Audience: Tech.
Client: Bon/Seraji
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/07/1996 - 0:05:34 Producer: Goldrich

AVC-1997-010-1/1 **Long Range Science Rover**
An edited production showing Rocky VII performing science operations in the Mars yard at JPL. Included is a demonstration of a new Mast System developed for the rover.
Audience: Tech.
Client: Paul Backes
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/10/1996 - 0:11:45 Producer: Semerano

- AVC-1997-011-1/1 **Ranger Surface Inspection**
 An edited production showing how the Earth orbiting Ranger Spacecraft will perform tasks in orbit utilizing telerobotic technologies.
 Audience: Tech.
 Client: Eugene Chalfant
 Master: 1"C Submaster: BCAMsp
 Audio 1: Mono Mix 2: Mono Mix
 10/10/1996 - 0:06:45 Producer: Semerano
- AVC-1997-013-1/1 **Cassini/Huygens Probe Mock-up Installation - Video File**
 B-roll of the installation of a mock-up of the ESA-built Huygens probe in bldg. 179 at JPL on Friday, October 11, 1996.
 Audience: News
 Client: McNevin/PIO/NASA-TV
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/14/1996 - 0:05:49 Producer: Goldrich
- AVC-1997-014-1/1 **NASA Administrator Dan Goldin Briefing on Future Mars Missions**
 NASA Administrator Dan Goldin speaking on the NASA vision for future Mars robotic exploration and, specifically, Mars Global Surveyor & Mars Pathfinder set to launch in 1996. Laurie Boeder of NASA Public Affairs moderates Q & A. 23:26 Video File follows 24:05 with B-Roll footage.
 Audience: Gen. News Site: NASA HQ
 Client: PIO, Org. 181
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/16/1996 - 0:47:31 Producer: HQ/Borst
- AVC-1997-015-1/2 **Mars Global Surveyor and Mars Pathfinder Mission Briefing**
 VTV-652
 Doug Isbell NASA Public Affairs moderates a briefing about the upcoming missions to Mars. Panelists are Dr. Wesley Huntress NASA Associate Administrator for Space Science; Dr. Michael Carr USGS; Glenn Cunningham MGS Project Man.; Dr. Arden Albee MGS Proj. Scientist; Anthony Spear Mars Pathfinder Proj. Man.; Dr. Matthew Golombek Mars Pathfinder Proj. Scientist. Question and Answers with press follows briefing.
 Audience: Gen. Resource Site: NASA HQ
 Client: PIO/McNevin, Org. 181
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 TRT - 1:53:00

10/16/1996 - 1:33:00 Producer: HQ(Borst)

AVC-1997-015-2/2 **Mars Global Surveyor and Mars Pathfinder Mission Briefing**
VTV-652 Part 2 of 2

Audience: Gen. Resource Site: NASA HQ

Client: PIO/McNevin, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT - 1:53:00

10/16/1996 - 0:20:00 Producer: HQ (Borst)

AVC-1997-016-1/1 **Exploration of Small Bodies - Fiscal 1996 Accomplishments**

This program gives an overview of the prototype compact drill and sampling mechanism as well as demonstrates the landing performance of the 3-legged comet lander. The drill and lander are the two primary goals of the Exploration of Small Bodies Task.

Audience: Tech.

Client: D. Sevilla

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/16/1996 - 0:07:00 Producer: Beck

AVC-1997-020-1/1 **Galileo DPS Briefing Results Video File For NASA-TV**

Elements which coincide with the Division of Planetary Sciences meeting and press briefing held in Tucson, Arizona on October 24, 1996. Includes interviews with Torrence Johnson and Dr. Scott Bolton and features animation and still images of Ganymede, Io, and Jupiter's Great Red Spot.

Audience: News Resource

Client: McNevin/PIO/NASA-TV

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/22/1996 - 0:21:45 Producer: Goldrich

AVC-1997-023-1/1 **CMA - "The Future Exploration of Mars"**

VTV-653

Bruce Murray and Donna Shirley briefly describe the current status of Mars exploration and the possible future directions within the current program. Also discussed is the rationale for - as well as the political and fiscal realities involved with exploring Mars in the future.

Audience: JPL Site: von Kármán

Client: Mina Flores

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

Q and A follows

10/25/1996 - 0:54:50 Producer: Savona

AVC-1997-034-1/1 **Mars Global Surveyor L-1 Pre-Launch Press Briefing**

Pre-Launch Briefing from KSC 48:20

Panelists:

Wes Huntress - Assoc. Admin. Space Science NASA;

Floyd Curington - NASA Launch Manager KSC;

David Mitchell - Launch Service Manager GSFC;

Rich Murray - Flight Dir. MacDonell Douglas;

Glenn Cunningham - Mission Dir/Proj. Manager, JPL;

Bud McAnally - Project Manager, Lockheed Martin;

Joel Tumbiolo - Launch Weather Officer, USAF;

Video File Follows 22:15

Audience: News

Site: KSC

Client: PIO, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/05/1996 - 1:08:00 Producer: KSC

AVC-1997-035-1/1 **Mars Global Surveyor Post-Launch Press Conference**

From KSC in Florida, the conference reiterates the state of good health of MGS, approximately 2 hrs. after launch. Also included on this tape, following the conference, is Mars missions videofiles from NASA-TV.

Audience: News

Site: KSC

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/07/1996 - 0:18:23 Producer: KSC

AVC-1997-038-1/1 **GPS Earthquake Monitoring Video File for NASA-TV**

News feed elements highlighting JPL's use of Global Positioning Satellite receivers to track and monitor earthquakes. Includes an interview with Dr. Andrea Donnellan, B-Roll of a GPS receiver at Azusa High School and animation of Global Positioning Satellites.

Audience: News Resource

Client: Mc Nevin/PIO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/28/1996 - 0:03:56 Producer: Goldrich

AVC-1997-040-1/1 **KCAL-TV Uses QWIP Camera - Video File for NASA-TV**

KCAL-TV, Ch.9 in Los Angeles, uses the QWIP camera to locate hot spots during their live news coverage of the Malibu Fires.

Audience: Resource
Client: Skip McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/24/1996 - 0:07:15 Producer: John Beck

AVC-1997-041-1/1 **MGS Media Clips**
The Mars Global Surveyor spacecraft
1) B-roll of final processing (12:00)
2) "Mission: Mars" (12:00)
Audience: News Resource
Client: McNevin-PIO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/28/1996 - 0:25:00 Producer: Lockheed Martin

AVC-1997-045-1/1 **Mars Global Surveyor Launch Footage**
MGS is launched from a Delta II rocket from the Cape. Its journey to Mars begins a two year mission to map the entire planet.
Launch is at 17:40.
Audience: Resource Site: Cape
Client: Glenn Cunningham
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/07/1996 - 0:30:00

AVC-1997-046-1/1 **Mars Global Surveyor Post Launch Footage**
Post launch footage of anticipation of spacecraft second and third stage separations.
Audience: Resource Site: Cape
Client: Glenn Cunningham
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/07/1996 - 0:20:00

AVC-1997-048-1/3 **Mars Global Surveyor Launch Coverage from NASA TV**
VTV-667 Satellite Downlink
Audience: NASA Resource Site: KSC
Client:
Master: sVHS
Audio 1: Mono mix 2: Mono mix
11/07/1996 - 2:00:00 Producer: KSC

AVC-1997-048-2/3 **Mars Global Surveyor Launch Coverage from NASA TV**
Satellite Downlink

Audience: NASA Resource Site: KSC
Client:
Master: sVHS
Audio 1: Mono mix 2: Mono mix
11/07/1996 - 0:00:00 Producer: KSC

AVC-1997-048-3/3 **Mars Global Surveyor Launch Coverage from NASA TV**
VTV-667 Satellite Downlink

Audience: NASA Resource Site: KSC
Client:
Master: sVHS
Audio 1: Mono mix 2: Mono mix
11/07/1996 - 0:24:00 Producer: KSC

AVC-1997-053-1/1 **Galileo Animation Compilation #2**

Earth 1 Rotation, Earth Moon Conjunction, Probe Release and
Entry, Ganymede Flyover, Callisto 3 Trajectory, Orbital Tour
Audience: Resource
Client: Maynard Hine
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/18/1996 - 0:07:13 Producer: Savona

AVC-1997-054-1/1 **Galileo Animation Compilation #3**

Earth 1 Rotation, Earth Moon Conjunction, Probe Release and
Entry & Relay, Jupiter and Red Spot, Ganymede flyover, PWS
Whistler, Ganymede 1 Encounter, Ganymede encounter
trajectory (Beach Balls), Callisto 3 Trajectory, Orbital
Tour
Audience: Resource
Client: Maynard Hine
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/19/1996 - 0:08:47 Producer: Savona

AVC-1997-055-1/2 **Galileo Educators Conference**

Galileo personnel lecture and demonstrate activities to
educators for classroom enrichment.
Speakers:
Bill O'Neil, Project Manager;
Torrance Johnson Project Scientist
Audience: Edu. Site: von Kármán
Client: Rebecca Westbrook, Org. 311
Master: sVHS
Audio 1: Mono mix 2: Mono mix
TRT 3:18:00

11/19/1996 - 1:15:00

AVC-1997-055-2/2 **Galileo Educators Conference Part 2**
Galileo personnel lecture and demonstrate activities to educators for classroom enrichment.
Speakers:
Terry Martin - Photo Polarimeter
Leslie Lowes - Galileo Outreach
Rebecca Westbrook and others show activities for classroom.
Audience: Edu. Site: von Kármán
Client: Rebecca Westbrook, Org. 311
Master: sVHS
Audio 1: Mono mix 2: Mono mix
TRT 3:18:00
11/19/1996 - 2:03:00

AVC-1997-057-1/1 **Galileo Science Briefing at the DPS**
Galileo Science Briefing at the Division of Planetary Sciences meeting, held in Tucson, Arizona on October 24, 1996.
Includes presentations by Dr. Rich Young, Ames Research Center; Dr. Glen Orton, JPL; Dr. Bob Carlson, JPL; Dr. Jim Head, Brown University; Dr. Alfred McEwen, University of Arizona. One camera shoot, natural sound, with animation segments included.
Audience: Edu.
Client: Galileo Project Office
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/24/1996 - 1:30:00 Producer: McNevin

AVC-1997-058-1/1 **Mars Pathfinder Post-Launch Animation**
Parking Orbit Insertion to Spacecraft Separation
Computer Animation
Audience: NASA Resource Site: JPL
Client: Dave Spencer, Org. 312
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/25/1996 - 0:07:00

AVC-1997-059-1/1 **SIR-C Nile River Channel Video File for NASA-TV**
SIR-C views an ancient river channel of the Nile River which was previously unknown and not visible using optical photography. Includes interview with Dr. Bob Stern, University of Texas at Dallas, infrared and radar images of Nile River region and b-roll footage of Space Shuttle

Endeavour and its SIR-C payload.
Audience: News Resource
Client: McNevin/NASA-TV/PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/25/1996 - 0:10:09 Producer: Goldrich

AVC-1997-060-1/1 **Asteroid Toutatis Flyby of Earth Video File for NASA-TV**
The Earth crossing asteroid Toutatis makes a close pass of Earth on Nov. 29, 1996. Dr. Don Yeomans describes what we know about Toutatis and its 3.3 million mile pass by Earth, as well as passes in 2000, 2004 and 2069. Animation generated from radar/radio observations of Toutatis and Castalia are included.
Audience: News
Client: McNevin/PIO/NASA-TV
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/25/1996 - 0:09:59 Producer: Goldrich

AVC-1997-061-1/1 **Visualization of Earth Approaching Asteroids**
The video sequences are based on radar observations (delay-Doppler images) of the near-Earth asteroids: Castalia, Toutatis, and Geographos. Computer models, developed from these observations, are used to visualize the shapes, rotation, dynamics of orbits, and collisions.
Audience: Edu. NASA News Resource Site: JPL/DIAL
Client: Eric De Jong, Org. 3233
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/29/1996 - 0:18:00 Producer: Eric De Jong

AVC-1997-062-1/1 **Mars Exploration - Video Wall**
Short chronology of the history of JPL's robotic exploration of Mars starting in 1964 set to music without narration. Edited specifically for use for a video wall.
Audience: Gen.
Client: Bridges
Master: BCAMsp
Audio 1: Silent 2: Mono mix
NOT FOR DUPLICATION
11/27/1996 - 0:03:16 Producer: Semerano

AVC-1997-063-1/1 **Mars Pathfinder Pre-Launch Press Conference**
Mars Pathfinder Pre-Launch Press Conference taped live off NASA Select at 8:00 am pacific time.

- AVC-1997-074-1/1 **GPS/AGU Post Northridge Video File for NASA-TV**
 Video press release package in support of a presentation being made by Dr. Greg Lyzenga, JPL Geophysicist, at the American Geophysical Union meeting held the week of Dec. 16, 1996. Includes his interview and b-roll footage of the Granada Hills region shortly following the Northridge earthquake in 1994.
 Audience: News
 Client: McNevin/PIO/NASA-TV
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/16/1996 - 0:09:37 Producer: Goldrich
- AVC-1997-077-1/1 **Galileo Animation Compilation #4**
 Jovian Tour, Callisto 3-Europa flyby, Compilation #2 followed by Compilation #3
 Audience: Edu.
 Client: Maynard Hine
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/30/1996 - 0:19:30 Producer: Savona
- AVC-1997-078-1/1 **Mars Precision Landing Animation**
 An edited production that shows computer simulation of a Mars Precision Landing mission. Developed for the Mars Exploration Technology Task, managed by Chuck Weisbin.
 Audience: JPL NASA
 Client: David Farless, Org. 312
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 01/02/1997 - 0:03:07 Producer: Savona
- AVC-1997-079-1/1 **Cassini Thermal Blanket Installation - Video File**
 Video File showing the fabrication and installation of Thermal Blankets on the Cassini Spacecraft. Pam Hoffman, Cognizant Engineer for the installation, is interviewed.
 Audience: Gen. NASA
 Client: Ed (Skip) McNevin
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/28/1996 - 0:09:50 Producer: Semerano
- AVC-1997-082-1/1 **KIDSAT Video File**
 Interviews with JPL KidSat coordinators.
 B-Roll of kids in classrooms preparing for STS-81.
 Shots of KidSat kids at JPL preparing computers and a

digital still camera.

Audience: JPL NASA Resource Site: JSC

Client: Stephanie Zeluck, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/14/1997 - 0:28:00 Producer: JSC

AVC-1997-085-1/1 **Cassini Spacecraft Construction & Assembly**
B-roll footage documenting various stages in the construction and assembly of the Cassini Spacecraft starting in 1995.

Audience: Resource Site: JPL

Client: PIO

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/16/1997 - 0:40:00 Producer: Semerano

AVC-1997-086-1/1 **Galileo Europa Encounter E4 Animation**
Animations of Galileo's closest approach to Europa. Includes zoom in to Europa - Version #1.

Audience: Resource

Client:

Master: BCAMsp

Audio 1: Silent 2: Silent

01/17/1997 - 0:07:08 Producer: Eric DeJong

AVC-1997-087-1/1 **Galileo Press Briefing "Europa Unveiled"**
VTV-675 Galileo Press Briefing from NASA-HQ regarding latest findings of data from the Galileo Spacecraft at Jupiter.

Video file 9:08.

Panelists; Dr. Ron Greeley Arizona State U.; Dr. Robert Sullivan ASU; Dr. Torrence Johnson JPL; & Jim Head Brown Univ. Doug Isbell moderates. 38:37 min. Followed by Images & panelists titles 4:00.

Audience: Gen. JPL NASA Site: NASA HQ

Client: McNevin, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/17/1997 - 0:52:00 Producer: NASA Hq (Borst)

AVC-1997-088-1/1 **Long Range Science Rover Highlights**
An edited production showing Rocky VII performing science operations in the Mars Yard at JPL. FY'96 Long Range Science Rover task results.

Audience: Tech.

Site: Mars Yard

Client: Paul Backes, Org. 345
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix AVC-97-010
Shortened Version of AVC-97-010
01/20/1997 - 0:03:39 Producer: Savona

AVC-1997-089-1/1 **STS-81 Kidsat Images**
Images and animations from space of the Gaza Strip,
Mediterranean Sea, Venice, Italy and the Alps.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Silent 2: Silent
01/22/1997 - 0:02:39 Producer: Eric De Jong

AVC-1997-090-1/1 **Martin: A Tribute to Martin Luther King Jr.**
VTV-678
The ACMA and Human Resources present a celebration
of the 68th anniversary of the birth of the Reverend Dr.
Martin Luther King, Jr., the Nobel-Prize-winning leader of
the U.S. civil rights movement.
Audience: Gen. Site: von Kármán
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/21/1997 - 1:33:00 Producer: Beck

AVC-1997-091-1/1 **Global Positioning System B-Roll**
B-roll of Global Positioning System ground stations being
set-up, taken apart and moved around various locations at
JPL, video taped 1/16/97.
Audience: News Resource
Client: Mary Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/27/1997 - 0:22:00 Producer: Semerano

AVC-1997-093-1/1 **Reaching for the Red Planet**
An edited production on the history and trials and
tribulations of the Mars Observer spacecraft. Produced
tongue-in-cheek, with a Lost in Space, Irwin Allen style and
narrated by Dick Tufeld (the Robot, Lost in Space).
Audience: JPL
Client: Glenn Cunningham
Master: 1"C Submaster: BCAMsp
Audio 1: Narration 2: Music & fx

01/30/1997 - 0:27:00 Producer: Goldrich

AVC-1997-094-1/1 **JPL Asteroid & Comet Resource Collection**
A Collection of NASA Videofiles & supporting animations on near Earth asteroids & comets. Includes: Toutatis Flyby Videofile; Toutatis radar observation B-roll; NEAT Videofile; Aorounga Crater Chain Videofile; Asteroid Data Collection; Compilation of Shoemaker-Levy Observations.
Audience: Resource
Client: Skip McNevin
Master: BCAMsp Submaster: D-BCAM
Audio 1: Mono mix 2: Mono mix
01/30/1996 - 1:14:00 Producer: John Beck

AVC-1997-095-1/1
Studying and Visualizing Volcanoes Video File for NASA TV
Collection of b-roll and interviews on the use of spaceborne and airborne remote sensing systems used by NASA to observe and track volcanic activity around the globe. Interviews include Dr. Jeffrey Plaut and Dr. Dave Pieri from JPL. Animations include a 3-D flyover of Mt. St. Helens, Mt. Pinatubo, Mt. Rainier, and Kliuchevskoi in Russia. Animations were developed at JPL by the Digital Image Animation Laboratory.
Audience: Gen. NASA News Resource
Client: PIO/McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/31/1997 - 0:16:17 Producer: Goldrich

AVC-1997-097-1/2 **Visualization of Earth-Approaching Asteroids**
The video sequences are based on radar observations (delay-Doppler images) of the near-Earth asteroids: Castalia, Toutatis and Geographos. Computer models, developed from these observations, are used to visualize the shapes, rotations, dynamics of orbits and collisions.
Audience: JPL NASA News Resource Site: JPL/DIAL
Client: Eric De Jong, Org. 3233
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
TRT 1:40:00
02/04/1997 - 1:32:00 Producer: Eric De Jong

AVC-1997-097-2/2 **Visualization of Earth-Approaching Asteroids**
Part 2 of 2
Audience: JPL NASA News Resource Site: JPL/DIAL

Client: Eric De Jong, Org. 3233
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
TRT 1:40:00
02/04/1997 - 0:14:00 Producer: Eric De Jong

AVC-1997-099-1/1 **Carl Sagan: A Scientist Remembered**
A slide and video clip presentation in remembrance of Carl Sagan. Speakers include: Dr. Daniel J. McCleese, Dr. David Pieri, Dr. David Crisp, Dr. Candice Hansen, Dr. Robert Nelson
Audience: Gen. Site: 167 conf rm
Client: Robert Nelson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/12/1997 - 1:15:00 Producer: John Beck

AVC-1997-100-1/1 **Cassini Spacecraft Assembled in High Bay**
B-roll of the Cassini Spacecraft in building 179.
Audience: News Resource
Client: PIO
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/14/1997 - 0:16:00 Producer: Semerano

AVC-1997-102-1/1 **Carl Sagan Compilation**
Nine segments from 1962 to 1995
Audience: Resource
Client: G. Alexander
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/13/1997 - 0:09:17 Producer: John Beck

AVC-1997-106-1/1 **VSOP Compilation Tape**
Animation and Raw stock footage of assembly and testing. VSOP (VLBI Space Observatory Programme) was developed by the Institute of Space and Astronautical Science in Japan. The NASA/JPL Space Very Long Baseline Interferometry (VLBI) Project supports the VSOP mission. Launched 2/12/97.
Audience: Resource Site: Japan
Client: Deborah Traub, Org. 9600
Master: BCAMsp
Audio 1: Silent 2: Silent
02/19/1997 - 0:30:00 Producer: VSOP

AVC-1997-109-1/1 **Origins: Seeking Answers to Age-Old Questions**

This edited production explains the purpose, goals and missions of the Origins program. The program uses computer animation and real images to explore the search for clues about the formation of galaxies, stars and planetary systems, including the prospect of life elsewhere.

Audience: Gen.

Client: Dr. Firouz Naderi, Org. 3020

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

Contains Copyrighted Material

02/24/1997 - 0:07:30 Producer: Savona

AVC-1997-110-1/1 **A Virtual Tour of Mount St. Helens**

This animation simulates a flight within the crater of Mt. St. Helens. The image was acquired with NASA's Airborne Thermal Infrared Multispectral Scanner (TIMS).

w/music

Audience: Resource

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/25/1997 - 0:03:41 Producer: Eric DeJong

AVC-1997-122-1/1 **Mission To Planet Earth**

Earth Systems Science Pathfinder Press Briefing.

Press Conference from NASA HQ.

Speakers: Michael Prather - U.C. Irvine, William Townsend - M.T.P.E., Ghassem Asrar - E.O.S., Ralph Dubayah - University of Maryland, Byron Tapley - University of Texas.

Audience: JPL NASA Resource Site: NASA HQ

Client: Mary Hardin, Org. 1810

Master: BCAMsp Submaster: sVHS

Audio 1: Mono mix 2: Mono mix

03/18/1997 - 0:47:00 Producer: Hanchett/HQ

AVC-1997-123-1/3 **Live from Antarctica 2: Program 1 "Oceans, Ice & Life"**

"Passport to Knowledge" Series for K-12 students.

This program demonstrates the adaptation of life to the extreme Antarctic conditions, and shows how scientists must also adapt their lives and research techniques to the environment.

Audience: Edu. Site: Antarctica

Client: Brian Abbe, Org. 331

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

<http://quest.arc.nasa.gov/antarctica2/index.html>

01/23/1997 - 1:00:00 Producer: Passport to Knowledge

AVC-1997-123-2/3 **Live from Antarctica 2: Program 2 "The Secrets of Survival"**

"Passport to Knowledge" Series for K-12 students.

This program looks at the secrets of survival for both the wildlife and the human researchers who journey to the ends of the Earth to study them.

Audience: Edu.

Site: Antarctica

Client: Brian Abbe, Org. 331

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

<http://quest.arc.nasa.gov/antarctica2/index.html>

01/30/1997 - 1:00:00 Producer: Passport to Knowledge

AVC-1997-123-3/3 **Live from Antarctica 2: Program 3 "Seeing the Future"**

"Passport to Knowledge" Series for K-12 students.

This program presents the latest on ozone and the effects of increased ultraviolet radiation, and shows the research in Antarctica -- and Palmer in particular -- helps us understand our entire planetary environment.

Audience: Edu.

Site: Antarctica

Client: Brian Abbe, Org. 331

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

<http://quest.arc.nasa.gov/antarctica2/index.html>

02/06/1997 - 1:00:00 Producer: Passport 2

AVC-1997-124-1/1
VTV-692

Comet Hale-Bopp Video File Compilation

JPL's contribution to the NASA TV coverage of Comet Hale-Bopp. Features etchings and artist conceptions of comets as seen through history, still photos of Comet Hale-Bopp taken by JPL's James W. Young, resource footage and animations on comets, animation of Ulysses Spacecraft, animation illustrating the Comet Hale-Bopp's plasma tail, B-Roll footage of Jim Young observing Hale-Bopp and interviews with Jim Young, Dr. Don Yeomans and Dr. Bruce Goldstein.

Audience: Resource

Client: Skip McNevin

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

03/18/1997 - 0:36:00 Producer: John Beck

AVC-1997-125-1/1 **Cassini Press Compilation**

Contains Cassini animations, testing of spacecraft components, assembly of hardware, Saturn pictures and launch

sequence on 10/15/97.
Audience: Resource
Client: Mary Beth Murrill, Org. 180
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/22/1997 - 0:22:47 Producer: Semerano

AVC-1997-126-1/1 **Science Update Cassini-Huygens**

Audience: News Resource
Client: PIO, Org. 1810
Master:
Audio 1: Mono mix 2: Mono mix
03/28/1997 - 0:20:00

AVC-1997-129-1/1 **Galileo Europa Encounter - E6 Animation Compilation**

1. Simulated Flight of Europa :55
2. Zoom into Europa :33
3. Closest Approach to Europa :51
4. Spacecraft & Satellite Positioning 1:00
Audience: Resource
Client: Eric De Jong
Master: BCAMsp
Audio 1: Silent 2: Silent
04/09/1997 - 0:07:00 Producer: Beck

AVC-1997-130-1/1 **Galileo Science Update-A New Understanding of Europa**
VTV-716

A Press Conference with Dr. Johnson, Dr. Sullivan, Dr. Carr, Dr. Geissler, Dr. Chapman, Dr. Coon, Dr. Terrile and Dr. Delaney held in von Kármán Auditorium with David Seidel moderating. Includes stills and animations of the results of the Galileo spacecraft's encounter with Europa.
Audience: News Site: von Kármán Aud.
Client: Galileo/PIO, Org. 181
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/09/1997 - 1:03:00 Producer: Semerano

AVC-1997-132-1/1 **Comet Chasers: On the Trail of a Comet**
VTV-694

Live multi-camera event from Beckman Hall at Caltech, celebrating the Hale-Bopp flyby. Hosted by Leslie Lowes and Catherine Collins. Opening remarks by Dr. Stone, panel discussion and Q&A with Alan Hale, Thomas Bopp, Don Yeomans and David Levy.
Audience: Gen. Site: Caltech Beckman
Client: Collins/Lowes
Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
04/11/1997 - 1:17:35 Producer: Goldrich

AVC-1997-139-1/1 **Transportation of Cassini To Edwards AFB - Video File**
B-Roll of the events of April 19, 1997 showing the transportation of the Cassini Spacecraft to Edwards Air Force Base by truck for airlift to Cape Canaveral.
Audience: News Resource Site: JPL & EAFB
Client: Mary Beth Murrill
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/21/1997 - 0:06:50 Producer: Semerano

AVC-1997-140-1/1 **Live From Mars #1: "Countdown"**
VTV-696
"Passport to Knowledge" Series for K-12 students.
Behind the scenes at Cape Canaveral: the launch of Mars Global Surveyor, final preparation of the Mars Pathfinder spacecraft. Why go to Mars? the evidence of liquid water and the possibility of life. Past missions, student questions w/ answers.
Audience: Edu. JPL Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
<http://quest.arc.nasa.gov/mars/>
11/19/1996 - 0:58:30 Producer: Passport to Knowledge

AVC-1997-141-1/1 **Live From Mars #2: "Cruising Between the Planets"**
VTV-697
"Passport to Knowledge" Series for K-12 students.
Behind the scenes at NASA's JPL, lead center for planetary exploration. How rocket fuel, momentum, gravity and ingenuity get spacecraft from Earth to Mars. Mars Pathfinder's and Global Surveyor's progress to date. Student questions w/ answers.
Audience: Edu. JPL Site: JPL SFOF
Client: Mars Pathfinder
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
<http://quest.arc.nasa.gov/mars/>
04/24/1997 - 0:58:30 Producer: Passport to Knowledge

AVC-1997-144-1/1 **Mars Global Surveyor Solar Panel Configuration Video File For NASA-TV**
Video press release package describing NASA's plans to reconfigure one of the solar panels on MGS, in preparation for the spacecraft's arrival at Mars in September 1997.

Features an interview with MGS Project Manager Glenn Cunningham and new animation.

Audience: News Resource

Client: McNevin/PIO/NASA-TV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/28/1997 - 0:06:27 Producer: Goldrich

AVC-1997-147-1/1 **Construction of DSS-25 / DSN Story**
Time Lapse film: Construction of DSS-25 - 3:00
"DSN Story" - 3:00
Audience: Edu. JPL NASA
Client: Shirley Wolff
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
UPDATED VERSION
05/06/1997 - 0:06:00 Producer: Dawson

AVC-1997-156-1/1 **Mars: New Views of a Dynamic Planet**
NASA TV Space Science Update
Speakers: Dr. Steve Lee, Dr. Phillip James, Dr. Mat Golombek, and Dr. R. Todd Clancy
Audience: NASA Resource Site: NASA HQ
Client: PIO/McNevin, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
* Missing first 60 Seconds.
05/20/1997 - 1:00:00 Producer: NASA HQ

AVC-1997-158-1/1 **TOPEX/Poseidon, NSCAT El Nino Observations 1997**
Contains the following:
1) TOPEX/Poseidon data animation
2) TOPEX/Poseidon spacecraft animation
3) NSCAT data animation
4) NSCAT spacecraft animation
5) Interview with Dr. Lee-Lueng Fu
Audience: Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/23/1997 - 0:18:19 Producer: Goldrich

AVC-1997-159-1/1 **JPL 1997 Mission Highlights**
A summary of JPL missions in 1997 for display in the mall kiosk.
Audience: Gen.

Client: Stephanie Zeluck, Org. 180
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/29/1997 - 0:08:16 Producer: Savona/Semerano

AVC-1997-160-1/1 **Independence Regained**
"Improved Lifestyles through Computer Assistive Technology"

An explanation of current military computer voice recognition technology being used for the aid of the disabled & molded for space science research.

Audience: Gen.
Client: Peterson/Dunphy
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/30/1997 - 0:06:28 Producer: Goldrich

AVC-1997-162-1/1 **Galileo Science Update-The Search for Moisture in Jupiter's Atmosphere**

VTV-706 A press conference with presenters Andy Ingersoll, Tobias Owen, Glenn Orton, Robert Carlson and Ashwin Vasavada held in von Kármán Auditorium with David Seidel moderating. Q and A follows presentations. Following conference are stills and animations.

Audience: News Site: von Kármán Aud.
Client: Galileo/PIO, Org. 9500
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/05/1997 - 0:55:41 Producer: Savona

AVC-1997-165-1/1 **TOPEX and NSCAT Animations - Video File for NASA TV**

Texas Twister 1:24
TOPEX/Poseidon El Nino Data :43
TOPEX/Poseidon Animation :38
Data from NSCAT :47
NSCAT Animation 2:17
Interview with Lee Leung Fu 1:05
Audience: Edu. NASA Resource Site: NASA HQ
Client: McNevin/PIO/NASA-TV, Org. 1810
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/06/1997 - 0:10:45 Producer: NASA TV

AVC-1997-166-1/1 **Introduction to Telescopes in Education**
Gil Clark (TIE) describes on camera the Telescopes In Education program.

Audience: Edu. Site: studio
Client: Gil Clark
Master: BCAMsp Submaster: BCAMsp
Audio 1: Narration 2: Music
06/13/1997 - 0:11:45 Producer: Goldrich

AVC-1997-167-1/1 **Galileo/Jupiter Atmospheric Animations**
Compilation of spacecraft and data animation, in support of
the June 5, 1997 Galileo Science Update.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Silent 2: Silent
06/16/1997 - 0:27:12 Producer: De Jong

AVC-1997-168-1/1 **Mars Surveyor '98 Animation**
An animation depicting the Mars Surveyor Program which has
been developed to explore Mars over the next decade, 1997
thru 2006.
Audience: Gen. JPL News Site: Eng. Multimedia
Client: McNamee, Org. 430
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
06/16/1997 - 0:19:40

AVC-1997-169-1/1 **von Kármán Lecture Series - "The 20th Anniversary of Voyager"**
VTV-710
Dr. Edward Stone talks about the Voyager missions
to the outer planets using pictures and animations.
Audience: JPL Site: von Kármán Aud.
Client: Stephanie Zeluck, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/17/1997 - 0:55:43 Producer: Savona

AVC-1997-170-1/1 **Space Infrared Telescope Facility**
VTV-711
Part of the SESPD lecture series, featuring Larry
Simmons discussing the history, mission and features of
SIRTF, along with an infrared camera demonstration in the
auditorium. Dr. Charles Elachi introduces.
Audience: JPL Site: von Kármán
Client: Nickle
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/18/1997 - 0:44:15 Producer: Goldrich

AVC-1997-173-1/1 **Mars Pathfinder ORT - Best of B-Roll**

Compilation of hand held B-roll shots taken during the Mars Pathfinder ORT on 6-11-97.

Audience: Resource Site: Bldg 230

Client: McNevin

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/20/1997 - 0:10:00 Producer: Beck

AVC-1997-174-1/1 **Cassini Earth Flyby Animations**

Four Animations depicting the Cassini Spacecraft flyby animations of Earth scheduled for 1999.

Audience: Resource

Client: Charles Kohlhasse

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/26/1997 - 0:06:30 Producer: Semerano

AVC-1997-175-1/1 **Mars Pathfinder Landing Video File for NASA-TV**

A collection of animation developed for Mars Pathfinder on July 4, 1997. New Pathfinder EDL and surface operations animation, new flyovers of Mars' surface and an 18 minute production on NASA's Mars Surveyor program. B-roll of JPL and the Mars Pathfinder MSA are included.

Audience: News Resource

Client: McNevin/PIO/NASA-TV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/25/1997 - 0:30:07 Producer: Goldrich

AVC-1997-176-1/2 **Mars Pathfinder Pre-landing Briefing - 7/1/97, 10:00 am**

Describes the missions and science objectives of Mars Pathfinder.

Participants:

William Piotrowski, Program Executive

Anthony Spear, Project Manager

Brian Muirhead, Flight System Manager

Dr. Jacob Matijevic, Rover Manager

Dr. Matthew Golombek, Project Scientist

Richard Cook, Mission Manager

Franklin O'Donnel, Manager, Public Affairs Office

Q&A, animations and stills at the end.

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

Q&A, animations & stills at the end. TRT 1:54:18

07/01/1997 - 1:34:00 Producer: Goldrich

AVC-1997-176-2/2 **Mars Pathfinder Pre-landing Briefing - 7/1/97, 10:00 am**

Part 2 of 2.

Note: Q&A, animations and stills at the end.

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT 1:54:18

07/01/1997 - 0:26:00 Producer: Goldrich

AVC-1997-178-1/2 **Mars Pathfinder Pre-landing Science Briefing - 7/2/97, 10:00 am**

Describes the missions and science objectives of Mars Pathfinder.

Participants: John Wellman, JPL/ Experiment Operations Team Chief.

Peter Smith, University of Arizona, Principal Investigator for the Imager for Mars Pathfinder (IMP).

Dr. John "Tim" Schofield, JPL Science Team Leader for the Atmospheric Instrument/Meteorology Package (ASI/MET).

Dr. Henry Moore, U.S. Geological Survey (Retired) Rover Scientist.

Dr. Rudolph Rieder, Max Planck Institute for Chemistry, Germany - Principal Investigator for the Alpha Proton X-Ray Spectrometer (APXS)

Dr. William Folkner, JPL/Participating Scientist, Rotational and Orbital Dynamics Experiment.

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/02/1997 - 1:30:00 Producer: Goldrich

AVC-1997-178-2/2 **Mars Pathfinder Pre-landing Science Briefing - 7/2/97, 10:00 am**

Describes the missions and science objectives of Mars

Pathfinder. Participants: John Wellman, JPL/ Experiment

Operations Team Chief; Peter Smith, University of Arizona,

Principal Investigator for the Imager for Mars Pathfinder

(IMP); Dr. John "Tim" Schofield, JPL Science Team Leader for the Atmospheric Instrument/Meteorology Package (ASI/MET);

Dr. Henry Moore, U.S. Geological Survey (Retired) Rover

Scientist; Dr. Rudolph Rieder, Max Planck Institute for

Chemistry, Germany - Principal Investigator for the Alpha

Proton X-Ray Spectrometer (APXS); Dr. William Folkner,

JPL/Participating Scientist, Rotational and Orbital Dynamics

Experiment.

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/02/1997 - 0:07:10 Producer: Goldrich

AVC-1997-179-1/1 **Mars Pathfinder Pre-landing News Briefing - 7/3/97, 10:00 am**

Describes the missions and science objectives of Mars

Pathfinder. Participants:

Brian Muirhead, JPL Flight System Manager

Rob Manning, JPL Flight system Chief Engineer

Dr. Matthew Golombek, JPL Project Scientist

Richard Cook, JPL Mission Manager.

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/03/1997 - 1:11:00 Producer: Goldrich

AVC-1997-180-1/1 **Mars Pathfinder - Goldin Mars Symposium - 7/3/97, 11:00 am**

Discussed Mars Missions and objectives.

Participants: Daniel S. Goldin, NASA Administrator

Dr. Wesley T. Huntress, NASA Associate Administrator for
Space Science.

Dr. Edward C. Stone, Director for Jet Propulsion Laboratory.

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/03/1997 - 0:47:00 Producer: Savona

AVC-1997-181-1/1 **Mars Pathfinder Landing - Guest Operations Welcome**

Brian Muirhead, MPF Deputy Flight System Manager, welcomes
guests to JPL followed by MPF launch footage from Cape
Canaveral and animation showing its journey to Mars and
landing on the surface.

Audience: JPL

Client: McNevin

Master: BCAMsp

Audio 1: Stereo mix 2: Stereo mix

07/03/1997 - 0:08:35 Producer: Beck

AVC-1997-182-1/1 **Mars Pathfinder Landing Day News Briefing - 7/4/97, 7:00 am**

Discussed what is expected to occur in the upcoming hours of
landing, descents, etc...

Participants:

Rob Manning, JPL Flight System Chief Engineer

Pieter Kallemeyn, JPL Navigation Lead Engineer

Richard Cook, JPL Mission Manager.

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 0:58:17 Producer: Savona

AVC-1997-183-1/22 **Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 8:30 am**

Early morning landing activities for Mars Pathfinder.

Commentator: David Seidel

Audience: News Resource Site: JPL - 230

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 0:58:00 Producer: Goldrich

AVC-1997-183-2/22 **Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 9:28 am**

9:28 - 10:58 am.

David Seidel is commentator.

Cruise Stage separation at 21:34:10;

Confirmation of EDL at 22:04:55;

1st signal from surface at 22:07:50;

Petal position confirmation at 22:16:45;

Interviews: Brian Muirhead 22:30:00;

Dr. Ed Stone 22:46:00;

Dan Goldin 22:49:50.

Audience: News Resource Site: JPL - 230

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 1:30:00 Producer: Goldrich

AVC-1997-183-3/22 **No Tape - (error in numbering)**

Audience:

Client:

Master:

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 0:00:00

AVC-1997-183-4/22 **Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 11:00 am**

Commentary and live shots of Mars Pathfinder Operations

areas in building 230 on landing day. 11:35 am - Petal

deploy confirmation.

11:39 am - Playful resignation of Rob Manning EDL Chief Engineer.

Commentator: David Seidel

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 0:57:00 Producer: Goldrich

AVC-1997-183-5/22 Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 12:20 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.

12:40 - Interview w/Richard Cook;

1:19 pm - Jennifer Harris polls positions over intercom.

Commentator: David Seidel

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 1:00:00 Producer: Goldrich

AVC-1997-183-6/22 Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 1:20 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.

Received acquisition of low gain antenna signal at: 02:07:50

Received confirmation of low gain antenna signal at:
02:21:40

Commentator: David Seidel

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 1:03:00 Producer: Goldrich

AVC-1997-183-7/22 Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 2:45 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.

2:53 pm - Fax from Al Pennington Shuttle Flight Dir. JSC read by Richard Cook.

3:24 pm - First Downlink of Data (no pictures) Commentator: David Seidel and Jane Platt

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 0:42:00 Producer: Goldrich

AVC-1997-183-8/22 Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 4:20 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.

4:28 pm - High Gain Antenna Lock.

4:33 pm First pictures from Mars Pathfinder.

Commentator: Jane Platt

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 0:54:00 Producer: Goldrich

AVC-1997-183-9/22 Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 5:20 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.

5:30 pm - Dan Goldin w/grandson addressing science and Landing teams.

6:02 pm - Airbag re-retraction.

Commentator: Jane Platt with Wayne Lee.

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 1:04:00 Producer: Goldrich

AVC-1997-183-10/2 Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 7:30 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.

8:04 pm - Second set of pictures from Mars Pathfinder.

Commentator: Jane Platt with Wayne Lee

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1997 - 0:59:00 Producer: Goldrich

AVC-1997-183-11/2 Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 8:30 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.

8:44 pm - Brian Muirhead interview.

8:53 pm - Sandbox airbag testing.

9:02 pm -Ramp Deploy meeting.

Commentator: Jane Platt with Wayne Lee.

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 0:53:00 Producer: Goldrich

AVC-1997-183-12/2 Mars Pathfinder Landing Day Commentary Coverage - 7/4/97, 10:30 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on landing day.
Transmission of Ramp Deployment Command.
Commentator: Jane Platt with Wayne Lee
Audience: News Resource Site: JPL
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 0:23:00 Producer: Goldrich

AVC-1997-183-13/2 Mars Pathfinder Landing Day Commentary Coverage - 7/5/97, 11:15am

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 5.
2 minute segment from 11:14 - 11:16 am then switched to Shuttle coverage picking back up at 2:00 thru 2:58 pm. Modem glitch commands & interview with Donna Shirley at 2:25 pm.
Commentator: Jane Platt
Audience: News Resource Site: JPL
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 1:00:00 Producer: Goldrich

AVC-1997-183-14/2 Mars Pathfinder Landing Day Commentary Coverage - 7/5/97, 4:11 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 5.
Ends at 4:54 pm before 5:00 pm press briefing.
Commentator: Jane Platt
Audience: News Resource Site: JPL
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 0:43:00 Producer: Goldrich

AVC-1997-183-15/2 Mars Pathfinder Landing Day Commentary Coverage - 7/5/97, 5:20 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 5.
This is during pre-ramp deployment. New images at 5:29 - 5:40 pm.

Commentator: Jane Platt with Wayne Lee
Audience: News Resource Site: JPL
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 0:56:00 Producer: Goldrich

AVC-1997-183-16/2 Mars Pathfinder Landing Day Commentary Coverage - 7/5/97, 6:20 pm

Commentary and live shots of Mars Pathfinder Operations
areas in building 230 on July 5.

Ramp Deploy command sent.

Commentator: Jane Platt

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/05/1997 - 1:04:00 Producer: Goldrich

AVC-1997-183-17/2 Mars Pathfinder Landing Day Commentary Coverage - 7/5/97, 7:20 pm

Commentary and live shots of Mars Pathfinder Operations
areas in building 230 on July 5.

7:25 - 8:11 awaiting Ramp Deployment Confirmation. 8:11 -
8:26 (end) Downlink of Images.

Commentator: David Seidel

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/05/1997 - 1:01:00 Producer: Goldrich

AVC-1997-183-18/2 Mars Pathfinder Landing Day Commentary Coverage - 7/5/97, 8:25 pm

Commentary and live shots of Mars Pathfinder Operations
areas in building 230 on July 5.

8:27 - 8:58 Images with Brian Muirhead interview. 8:58 -

9:00 Ramp Discussion in Conf. Rm.

Sandbox testing 9:06 - 9:14/9:18 - 9:20.

Replay of Impromptu Press Briefing by Peter Smith leader IMP
Team.

Commentator: David Seidel with Wayne Lee

Audience: News Resource Site: JPL

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/05/1997 - 1:04:00 Producer: Goldrich

AVC-1997-183-19/2 Mars Pathfinder Landing Day Commentary Coverage - 7/5/97, 9:30 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 5.
10:02 - 10:25 am Interview with Dr. Jerry Soffen Viking Project Scientist.
10:27 - 10:30 am(end)Interview with Dr. Matt Golombeck MPF Project Scientist.
Commentator: David Seidel
Audience: News Resource Site: JPL
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 0:59:00 Producer: Goldrich

AVC-1997-183-20/2 Mars Pathfinder Landing Day Commentary Coverage - 7/5/97, 10:30 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 5.
10:30 - 10:36 pm Interview w/Dr. Matt Golombeck (continued from tape 19).
10:40 - 11:03 pm Images - 10:47 Rover on ramp; 10:59 Pix of rover on surface (Celebration)
11:04 celebration in Mission ops.
11:16:30 Early movie of Rover deployment.
Commentator: David Seidel
End of Day 2 commentary coverage
Audience: News Resource Site: JPL
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 0:55:00 Producer: Goldrich

AVC-1997-183-21/2 Mars Pathfinder Landing Day Commentary Coverage - 7/6/97, 3:00 pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 6.
3:19:30 pm Rob Manning waving at camera.
3:49 pm Music sequence wake up call for spacecraft.
Commentator: Jane Platt
Audience: News Resource Site: JPL
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/1997 - 0:58:00 Producer: Goldrich

AVC-1997-183-22/2 Mars Pathfinder Landing Day Commentary Coverage - 7/6/97, 4:00pm

Commentary and live shots of Mars Pathfinder Operations areas in building 230 on July 6.

4:01 pm Rover communication confirmed & Lander camera deployment confirmed.
4:05 - 4:32 pm Images downlinked.
4:34 pm Rob Manning tanks crew and people for their support.
Commentator: Jane Platt
Audience: News Resource Site: JPL
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/1997 - 0:42:00 Producer: Goldrich

AVC-1997-187-1/1 **Mars Pathfinder Landing Day News Briefing - 7/4/97, 2:30 pm**
Phone call from Vice President Al Gore congratulating the Mars Pathfinder Team.
Participants: Daniel S. Goldin, NASA Administrator; Dr. Edward C. Stone, JPL Director;
Brian Muirhead, Project Manager.
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 0:08:13 Producer: Savona

AVC-1997-188-1/1 **Mars Pathfinder Landing Days News Briefing - 7/4/97, 3:30 pm**
An assessment of engineering data from the first low gain transmission. Included primary info on the entry, descent, landing sequence, Atmospheric Science data & health of the lander & rover. Participants:
Daniel Goldin, NASA Administrator
Richard Cook, Mission Manager
Rob Manning, Flight System Chief Engineer
Dr. John Schofield, ASI/MET Principal Investigator
Dr. Matthew Golombek, Project Scientist
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 0:50:00 Producer: Savona

AVC-1997-189-1/1 **Mars Pathfinder Landing Day News Briefing - 7/4/97, 6:30 pm**
First color pictures released showing lander, rover and surrounding Martian landscape.
Participants:
Peter Smith
Daniel Goldin
Wesley Huntress

Dr. Matthew Golombek
Brian Muirhead
Dr. Jacob Matijevic.
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 1:00:00 Producer: Savona

AVC-1997-190-1/1 **Mars Pathfinder End of Day News Briefing - 7/4/97, 11:00 pm**
Primary focus was airbag retraction activity and rover communication problems.
Participants: Guy Beutelschies, JPL Flight Dir. Dr. Matthew Golombek, Proj. Scientist
Dr. Jacob Matijevic, Rover Mgr.
Dr. John "Tim" Schofield, ASI/MET Principal.
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 0:47:45 Producer: Savona

AVC-1997-191-1/1 **Mars Pathfinder News Briefing - 7/5/97, 10:00 am**
Status update of the condition of the spacecraft and preparation for today's events.
Participants:
Brian Muirhead, JPL Flight System Manager
Peter Smith, University of Arizona - IMP Principal Investigator
Dr. Jacob Matijevic, JPL Rover Manager.
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 0:50:00 Producer: Savona

AVC-1997-192-1/1 **Mars Pathfinder News Briefing - 7/5/97, 5:00 pm**
Status report of the Rover communications confirmation.
Participants:
Tony Spear, JPL Project Manager
Richard Cook, JPL Mission Manager
Matt Wallace, JPL Rover System Engineer.
Audience: News Resource Site: von Kármán Aud
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

07/05/1997 - 0:22:41 Producer: Savona

AVC-1997-193-1/1 **Mars Pathfinder News Briefing - 7/5/97, 11:30 pm**
The rover was shown going down the ramp successfully. All Pathfinder team members were present during conference.
Participants: Richard Cook, Mission Manager
Dr. Jacob Matijevic, Rover Manager.
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/1997 - 0:28:00 Producer: Savona

AVC-1997-194-1/1 **Mars Pathfinder News Briefing - 7/6/97, 10:00 am**
Discussion related to rover deployment on 7/5/97, ASI/MET MAST deployment and initial science observations. from the surface of Mars. Participants:
Brian Muirhead, JPL Flight System Manager
Dr. Matthew Golombek, JPL Project Scientist
Dr. John Schofield, JPL ASI/MET Science Team Ldr. Peter Smith, University of Arizona (IMP Principal Investigator)
Dr. Jacob Matijevic, JPL Rover Manager.
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/04/1997 - 1:20:00 Producer: Savona

AVC-1997-195-1/1 **Mars Pathfinder Backgrounder - 7/6/97, 4:45 pm**
Discussed Rover Operations and demonstrated the way the rover maneuvers.
Participants:
Dr. Rich Terrile, JPL, Research Astronomy
Matt Wallace, Rover System Engineer
Brian Cooper, Rover Driver
Dr. Jacob Matijevic, Rover Manager
Art Thompson, Rover System Engineer.
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/1997 - 0:45:00 Producer: Savona

AVC-1997-196-1/1 **Mars Pathfinder News Briefing - 7/6/97, 6:00 pm**
Reported spacecraft and rover are working perfectly healthy.
Participant: Brian Muirhead, JPL, Flight Systems Manager.

Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/1997 - 0:30:00 Producer: Savona

AVC-1997-197-1/1 **Mars Pathfinder Science Team News Briefing - 7/7/97, 10:00 am**

Discussed on going analysis of Mars images taken 7/6/97 and earlier. Showed first images from the rover camera.

Participants:

Dr. Matthew Golombek, Project Scientist

Peter Smith, Univ. of Arizona (Principal Investigator & Imager for Mars Pathfinder IMP)

Dr. James Bell, Cornell University, Scientist

Dr. Michael Malin, Malin Space Sciences Systems,
Participating Scientist

Dr. Julio Magalhaes, NASA Ames Research Center - ASI/MET
Science Team Member

Dr. Tim Schofield, ASI/MET Science Team Leader.

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/07/1997 - 1:29:00 Producer: Savona

AVC-1997-198-1/1 **Mars Pathfinder News Briefing - 7/8/97, 12:00 Noon**

Discussed Alpha Proton X-ray Spectrometry results of Barnacle Bill the rock plus Martian Soil, plus the latest images from the Imager for Mars Pathfinder (IMP) camera.

Participants:

Dr. Matthew Golombek, JPL, Project Scientist

Dr. Rudolph Rieder, Max Planck Institute for Chemistry,
Germany, PI, APXS

Dr. Hap McSween, U. of Tennessee, Participating Scientist

Peter Smith, U. of Arizona, PI, IMP

Dr. Nicholas Thomas, Max Planck Institute for Aeronomy,
Germany, IMP Science Team Member

Dr. Jeffrey Barnes, Oregon State U., ASI/MET Science Team
Member

Audience: News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/08/1997 - 1:33:00 Producer: Savona

AVC-1997-199-1/1 **Mars Pathfinder News Briefing - 7/9/97, 1:00 p.m.**

The Mars Pathfinder Team introduces new images including the "monster pan", soil tests, and partial spectral analysis of Martian rocks.

Participants:

Dr. Matthew Golombek, JPL, Project Scientist

Dr. Jeff Johnson, U.S.G.S., Science Team Member, IMP

Peter Smith, U. of Arizona, PI, IMP

Audience: JPL News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/09/1997 - 0:54:00 Producer: Savona

AVC-1997-200-1/1
VTV-720

A Tribute to the Mars Pathfinder Team

On July 4th, 1997, the Mars Pathfinder Team made history as they witnessed the results of their hard work and dedication. The spacecraft amazed everyone as it sent back pictures of Mars within hours of landing. This video attempts to capture the emotions that were felt that day.

Audience: Gen. Site: JPL

Client:

Master: BCAMsp

Audio 1: Stereo mix 2: Stereo mix

07/10/1997 - 0:02:00 Producer: John Beck

AVC-1997-201-1/1

Mars Pathfinder News Briefing - 7/10/97, 12:30 p.m.

The Mars Pathfinder Science briefing, with: rover movie, virtual reality fly-through; discussion of spectra/colors of rocks; Pathfinder entry profile and the results of the magnetic properties experiment. Participants:

Dr. Richard Cook, JPL, Mission Manager

Dr. Justin Maki, University of Arizona, Science Team Member, Imager for Mars Pathfinder (IMP)

Dr. Carol Stoker, ARC, Participating Scientist

Bob Reid, U. of Arizona, IMP Science Team Member

Dr. Julio Magalhaes, ARC, Science Team Member, ASI/MET

Dr. Jens Martin Knudsen, Niels Bohr Institute, U. of Copenhagen, IMP Co-Investigator

Audience: JPL NASA Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/10/1997 - 1:02:00 Producer: Savona

AVC-1997-202-1/1

Tony Spear's Exit Press Conference - 7/11/97, 10:00 A.M.

Panel discussion led by David Seidel, and featuring Tony

Spear, Brian Muirhead, Richard Cook, Jake Matijevic, Alan Sacks and John Wellman.

Discussion topics: the reset of Pathfinder on 07/11/97, development of the Mars Pathfinder mission under NASA Discovery Program, the interaction of the science, engineering and flight team on Pathfinder and the general reaction of each to the success of the mission.

Audience: JPL NASA News Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/11/1997 - 1:08:00 Producer: Savona

AVC-1997-203-1/1 **Mars Pathfinder News Briefing - 7/11/97, 12:00 Noon**

New images; updated statistics on entry, descent and landing; and a discussion of the multi-year Mars program.

Participants: Richard Cook, JPL, Mission Manager
Larry Soderblom, USGS, Co-Investigator, Imager for Mars Pathfinder(IMP)

Dara Sabahi, JPL, Entry, Descent and Landing Mechanical Systems Engineer

David Spencer, JPL, Navigation Engineer

Sam Thurman, JPL, Entry, Descent and Landing System Engineer

Tony Spear, JPL, Project Manager

Norm Haynes, JPL, Director, JPL Mars Exploration Directorate

Audience: JPL News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/11/1997 - 1:07:00 Producer: Savona

AVC-1997-204-1/1 **July 4th landing with pan**

1. Tribute to Mars Pathfinder
2. Black & White Pan of Landing Site
3. Spacecraft Decent Animation
4. Rover View of Martian Surface Flyover

Audience: Resource

Client: McNevin

Master: BCAMsp Submaster: BCAMsp

Audio 1: Stereo mix 2: Stereo mix

07/14/1997 - 0:05:10 Producer: Beck

AVC-1997-205-1/1 **Mars Pathfinder News Briefing - 7/15/97, 10:00 a.m.**

Mars Pathfinder science briefing with discussion of computer resets, APXS results from the rock Yogi and Hubble images of Mars. Participants:

Participants:

Dr. Matthew Golombek, JPL Project Scientist
Glenn Reeves, JPL, Flight Software Team Lead
Dr. Rudolph Rieder, Max Planck Institute for Chemistry,
Germany, PI, APXS
Dr. James Greenwood, U. of Tennessee, Mineralogy Science
Team Member
Dr. Steven Lee, U. of Colorado, Hubble Space Telescope
Investigator
Dr. Mark Lemmon, U. of Arizona, Science Team Member, Imager
for Mars Pathfinder (IMP)
Dr. J.T. Schfield, JPL, Science Team Leader, Atmospheric
Structure Instrument/Meteorology Package (ASI/MET)
Audience: JPL News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/15/1997 - 1:21:00 Producer: Savona

AVC-1997-206-1/1 **Mars Pathfinder - Best of Raw Footage & Press Briefing Compilation**

Audience: Resource
Client: McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/16/1997 - 1:30:00 Producer: Beck

AVC-1997-207-1/2 **Mars Pathfinder - Press Release Images**

VTV-719

These latest images of Mars were taken by the
Imager for Mars Pathfinder (IMP) and the Rover camera. They
appear in chronological order of release dating from July
7th through Sept 22nd.
Audience: Resource Site: MARS
Client: McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/16/1997 - 1:30:00 Producer: Beck

AVC-1997-207-2/2 **Mars Pathfinder - Press Release Images**

VTV-719

These latest images of Mars were taken by the
Imager for Mars Pathfinder (IMP) and the Rover camera. They
appear in chronological order of release dating from October
8th through November 4th.
Audience: Resource Site: MARS
Client: McNevin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

07/16/1997 - 0:20:00 Producer: Beck

AVC-1997-209-1/1 **Mars Pathfinder News Briefing - 7/22/97, 9:30 a.m.**
Mars Pathfinder briefing with discussion of telecommunications solution, science data, rover video, lander bounce, dust and panorama data. Participants: Dr. Matthew Golombek, Project Scientist; Richard Cook, Mission Manager; Glenn Reeves, Flight Software Lead Engineer; Dr. Peter Smith, Principal Investigator (IMP); Dr. Tim Parker, Science Team Member; Dr. Henry Moore, Rover Scientist and Dr. Geoffry Landis, Rover Technology Experimenter.
Audience: JPL News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/22/1997 - 1:14:00 Producer: Savona

AVC-1997-210-1/1 **Explorer 1 - "The Big Picture"**
A "Big Picture" series produced by the U.S. Army. Depiction of the 84 day Explorer 1 program from its inception through development to launch and mission activities, concluding with a press briefing conducted by the three lead scientists Dr. Pickering, JPL, Dr. von Braun, Army Ballistic Missile Agency; and Dr. Van Allen.
Audience: Gen. Edu. NASA Resource
Client:
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/01/1959 - 0:27:30 Producer: Army Pictorial Centr

AVC-1997-211-1/1 **NIMS - The Near-Infrared Mapping Spectrometer**
This production demonstrates the many capabilities of the NIMS instrument on board the Galileo spacecraft. Hosted by David Seidel.
Audience: Gen.
Client: Jim Shirley
Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo mix 2: Stereo mix
07/25/1997 - 0:04:45 Producer: John Beck

AVC-1997-213-1/1 **"Action Plan to Gain & Maintain Support for Human Exploration of Mars"**

VTV-742 Caltech Management Association series
Mark Craig, Deputy Director of Stennis Space Center, presented an in depth look at commercial marketing

strategies and how they are applicable in the space business.

Audience: Gen. Site: 180-101

Client: Mina Flores

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/29/1997 - 1:05:00 Producer: Beck

AVC-1997-214-1/1 **Conversemos En Esta Noche (Mars Pathfinder)**

Conversemos En Esta Noche

La Mision "Pathfinder" Al Planeta Marte - Mars

Pathfinder/JPL

Guests: Ocampo, San Martin, Figueroa, Acuna

Language: Spanish

Audience: Edu. News Site: USIA

Client: USIA PRODUCTION

Master: BCAMsp

Audio 1: Spanish 2: Spanish

07/17/1997 - 1:00:00 Producer: Jodi Reed

AVC-1997-215-1/1 **Mars Pathfinder News Briefing - 7/31/97, 10:00 a.m.**

Update on science activities and atmosphere pictures.

Participants:

Dr. Matthew Golombek, JPL, Project Scientist

Dr. Michael Malin, Malin Space Systems, Participating Scientist

Dr. Henry Stone, JPL, Rover Team

Dr. Mark Lemmon, U. of Arizona, Science Team Member, Imager for Mars Pathfinder

Dr. Robert Haberle, ARC, Participating Scientist, Atmospheric Structure Inst./Meteorology Package

Dr. Rob Sullivan, Arizona State U., Participating Scientist.

Audience: JPL News Resource Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/31/1997 - 1:19:17 Producer: Savona

AVC-1997-217-1/1 **Mars Global Surveyor: Surveying the Martian World**

This edited video production briefly describes the Mars Global Surveyor's objectives using computer animation to graphically illustrate the two-year mapping mission to the 4th planet.

NEW 1997 VERSION

Audience: Gen.

Client: Glenn Cunningham, Org. 1520

Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo mix 2: Stereo mix
Updated in August of 1997
08/06/1997 - 0:05:26 Producer: Savona

AVC-1997-218-1/1 **Mars Pathfinder End of Primary Mission Video File for NASA-TV**

Interviews with Brian Muirhead and Dr. Matthew Golombek, discussing the success of the primary mission. Included are b-roll footage of reactions during key events in the mission, as well as images and animations of data returned from the surface of Mars.

Audience: News Resource

Client: Zeluck/PIO/NASA-TV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/06/1997 - 0:23:00 Producer: Goldrich

AVC-1997-219-1/1 **Mars Pathfinder News Briefing - 08/08/97, 11:30 a.m.**

Summary of completed primary mission and a synopsis of the newly acquired data.

Dr. Matthew Golombek, Project Scientist; Richard Cook, Mission Manager; Dr. Tim Schofield, Team Leader, Atmospheric Structure Instrument/ Meteorology Package; Dr. Tom Economou, University of Chicago, Co-Investigator (APXS)

Audience: News Site: von Kármán Aud.

Client: Mars Pathfinder/PAO, Org. 1800

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/08/1997 - 1:14:35 Producer: Goldrich

AVC-1997-220-1/1 **CMA - "A Strategy to Meet the Challenge"**

Caltech Management Association Lecture Series.

Physical, biological and human systems are each composed of interactive components such as the oceans and atmosphere.

Peter Eisenberger and Graciela Chichilnisky addressed the issue of human activity and its effect on global climate.

Audience: Gen.

Client:

Master: BCAMsp Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

08/11/1997 - 1:10:00 Producer: Beck

AVC-1997-223-1/1 **Mars Pathfinder Video File for NASA-TV**

Four new images of the Martian surface taken by the Pathfinder lander and Sojourner rover, and a short time-lapse movie of the rover near the "rock garden." These

stills and animation were released in conjunction with NASA-TV interviews conducted by Dr. Matt Golombek.
Audience: News Resource
Client: McNevin/PIO/NASA-TV
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/19/1997 - 0:01:32 Producer: Goldrich

AVC-1997-224-1/1 **JPL/Mattel, Inc. Hot Wheel Video Press Release**
Video press release featuring Mattel employees discussing the recent partnership between JPL and Mattel, Inc. in developing a Hot Wheels toy. Animation of the Sojourner rover is also featured in this package.
Audience: Gen. News Resource
Client: Watson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/20/1997 - 0:07:15 Producer: McNevin/Goldrich

AVC-1997-226-1/1 **Mars Pathfinder Movie Collection**
Recent animated frame movies including: Color Monster Pan, Rover at Scooby-Doo, Rover Movie, Sunrise, Windsocks and Clouds.
Audience: News Resource
Client: Muirhead
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Silent 2: Silent
08/01/1997 - 0:08:45 Producer: Goldrich

AVC-1997-227-1/1 **Return to the Red Planet**
VTV-718 von Kármán Lecture Series -
Dr. Matthew Golombek updates the general public on the Mars Pathfinder mission using images, animations and viewgraphs. A question and answer period follows presentation.
Audience: Gen. Site: V.K. Aud.
Client: Stephanie Zeluck
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/21/1997 - 1:27:00 Producer: Savona

AVC-1997-230-1/1 **Beyond Kidsat**
This compilation includes:
1. Kidsat: A Caltech Student Assisted Production.
2. Flyover of Saudi Arabia. 2X
3. Flyover of Owens Valley. 2X
Audience: Gen. News Resource

Client: JoBea Way
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/25/1997 - 0:13:00 Producer: John Beck

AVC-1997-233-1/1 **Mars Pathfinder News Briefing - 8/27/97, 10:00 AM**
Reported recent discovery of Mineralogy of rocks and new metrology data.
Moderator: Skip McNevin, JPL Public Information Office
Dr. Matthew Golombek, JPL Mars Pathfinder Project Scientist
Dr. Tim Schofield, JPL Team Leader, Atmospheric Structure Instrument/Meteorology Package
Dr. Mark Lemmon, University of Arizona, Science Team Member, Imager for Mars Pathfinder (IMP)
Dr. Tom Economou, University of Chicago, C0-Investigator, Alpha Proton X-ray Spectrometer (APXS)
Howard Eisen, JPL Principal Investigator, Soil Mechanics Technology Experiment
Audience: News Resource Site: von Kármán Aud.
Client: Mars Pathfinder/PAO, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/27/1997 - 1:15:00 Producer: Goldrich

AVC-1997-234-1/1 **Voyager 20th Anniversary Retrospective**
A beautiful recap of Voyager's travels to the outer planets using excerpts out of previous tapes. Designed for Kiosks or opening of a talk.
Revised and reedited version of Voyager in F Major (AVC-94-091), which includes future Voyager events such as Heliopause, star flybys, etc.
Audience: Gen.
Client: Kohlhase
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix AVC-1994-091
08/29/1997 - 0:05:17 Producer: Goldrich/Semerano

AVC-1997-235-1/2 **Cassini Mission Science Briefing**
VTV-723 Includes problem with the Huygens probe-34:00 Min
Opening remarks: Dr. Wesley Huntress
Speakers: Richard J. Spehalski, Dr. Hamid Hassan, Dr. Dennis Madson, Dr. Jean Pierre Lubirtant, Dr. Johnathan Lavine, Carolyn Porco, Larry Soderblom.
Audience: News Site: NASA H.Q.
Client: PIO, Org. 1810
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
09/03/1997 - 1:32:00 Producer: NASA HQ

AVC-1997-235-2/2
VTV-723

Cassini Mission Science Briefing

Mission Hardware

Speakers: Richard J. Spehalski, Beverley Cook, and Dr. Enrico.

Audience: News

Site: NASA H.Q.

Client: PIO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/03/1997 - 1:02:00 Producer: NASA TV

AVC-1997-236-1/1

Traffic Surveillance & Detection Technology

This video demonstrates the capabilities of various video image processing techniques used in traffic surveillance.

Audience: JPL

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/07/1997 - 0:06:00 Producer: Beck

AVC-1997-237-1/1

Mars Global Surveyor Orbit Insertion Compilation Video

Includes: Mapping the Martian World, B-Roll of the Spacecraft, Launch and supporting animation.

Audience: News Resource

Client: Skip McNevin/PIO, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/05/1997 - 0:24:00

AVC-1997-238-1/1

Lake Vostok, Antarctica as a Test Bed for Future Missions to Europa

Informal Press Briefing

Participants include:

Joan Horvath, JPL Advanced Concepts Office

Dr. Frank Carsey, Oceanographer, JPL

Dr. Larry Mallory, Microbiologist

Audience: News

Client: Hardin

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/11/1997 - 0:30:00 Producer: Beck

AVC-1997-239-1/1

The 1997 El Nino Observations from TOPEX/Poseidon Video File

Stills and animation of data showing the Kelvin waves generated by winds in December 96 - February 97. During

1996, strong winds, blowing from east to west, pile up warm water north of Australia. In this region sea levels and surface temperature were higher than normal.

Audience: News

Client: Skip McNevin/PIO, Org. 1810

Master: BCAMsp

Audio 1: Silent 2: Silent

09/02/1997 - 0:02:00

AVC-1997-240-1/1

Cassini Downlink System Tutorial

Speakers: System Eng. & Coord. - O.W. Smith

Real Time Operations (RTO) - D. Doody

Data & Computing Service (DCS) - J. Kounis

Flight System Operations (FSO) - G. Hintz

Navigation - G. Hintz; Spacecraft - K. Stowers

(DOI) - M. Sarrel; (DSN) - P. Donovan

Audience: Tech. Site: 230-309

Client: Ruth Fragoso, Org. 3910

Master: sVHS

Audio 1: Mono mix 2: Mono mix

08/26/1997 - 1:00:00 Producer: McElvain

AVC-1997-241-1/1

Real Time Commanding Training for Sequence Virtual Teams

Speakers: Dr. Doug McElroy & Robert Murdock

Audience: Tech. JPL Site: 230-101

Client: Doug McElroy, Org. 3140

Master: sVHS

Audio 1: Mono mix 2: Mono mix

08/29/1997 - 0:37:00 Producer: Somach

AVC-1997-242-1/1

Cassini Spacecraft Antenna Tutorial

Speaker: Suzanne Spitz

Audience: Tech. JPL Site: 230-260W

Client: Ruth Fragoso, Org. 3910

Master: sVHS

Audio 1: Mono mix 2: Mono mix

09/04/1997 - 0:24:00 Producer: Somach

AVC-1997-243-1/1

Cassini Missions and Science Operations Security Training

Speaker: Ron Aguilar

Audience: Tech. Site: 230-309

Client: Ron Aguilar, Org. 3800

Master: sVHS

Audio 1: Mono mix 2: Mono mix

09/05/1997 - 0:25:00 Producer: Hardine

AVC-1997-244-1/1 **Mars Global Surveyor Pre-Arrival News Briefing**
This briefing summarizes the mission to the red planet to date, focusing on orbit insertion and a technique known as Aerobraking.
Speakers: Dr. William L. Piotrowski, NASA HQ - Sr. Program Executive for Mars Global Surveyor;
Glenn E. Cunningham, JPL - Proj. MGR. for Mars Global Surveyor and Mars Surveyor Operations;
Claude W. "Bud" McAnally III, Lockheed Martin Astronautics - Deputy & Vice Pres. of Flight Systems & Prog. MGR. for Mars Global Surveyor;
Joseph G. Beerer, JPL - Flight Operations MGR. Mars Surveyor Operations Project;
Dr. Arden L. Albee, California Institute of Technology - Proj. scientist for Mars Global Surveyor
Audience: News Site: von Kármán
Client: Cunningham/PIO, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/09/1997 - 1:16:00 Producer: Savona

AVC-1997-245-1/1 **Mars Global Surveyor News Briefing**
Status update of the spacecraft.
Speaker: Glenn E. Cunningham, JPL - Project Manager for Mars Global Surveyor and Mars Surveyor Operations.
No Q&A.
Audience: News Site: von Kármán Aud.
Client: Cunningham/PIO, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/10/1997 - 0:04:00 Producer: Goldrich

AVC-1997-246-1/1 **Mars Global Surveyor Post-MOI News Briefing**
Status report of the Mars Orbit Insertion.
Speakers: Glenn Cunningham, Dr. Wesley Huntress, Dr. Edward Stone, Claude McAnally III and Dr. Pasquale Esposito
A Question and Answer period follows presentation.
Audience: News Site: von Kármán
Client: Cunningham/PIO, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/11/1997 - 0:26:05 Producer: Savona

AVC-1997-247-1/1 **The Three Galileo Conference in Padova, Italy**
Produced in Italy for a Galileo Conference. Recorded on 1/7/97.

Audience: JPL Resource Site: Padova, Italy
Client: Maynard Hine
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/07/1997 - 0:21:50

AVC-1997-248-1/1 **Papal Audience at the Vatican**
Recorded on 1/11/97 at the Vatican with Pope John Paul II.
Audience: JPL Resource
Client: Maynard Hine
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/11/1997 - 0:27:37

AVC-1997-249-1/1 **Astrobiology in the Future of NASA**
VTV-749 "Director's Topical Seminar Series"
Speaker Dr. David Morrison, Director of Space at NASA Ames
Research Center, discusses NASA's new astrobiology
initiative which will study the living universe and
communicate the discoveries to the public.
Audience: Gen. Site: von Kármán Aud.
Client: Lynn Osornia
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/15/1997 - 1:00:00 Producer: Beck

AVC-1997-250-1/1 **TOPEX/Poseidon El Nino Compilation**
1,2) El Nino animation released 9/15/97 & 5/23/97.
3) TOPEX/Poseidon satellite animation.
4) Topography of the world ocean and currents.
5) TOPEX/Poseidon Launch.
6) El Nino Animation released 10/14/97 & 12/10/97.
7) *Revised El Nino Animation released 3/26/98
Audience: News Resource
Client: M. Hardin, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/1997 - 0:25:55 Producer: Ziats

AVC-1997-251-1/1 **von Kármán Lecture Series - "Countdown to Launch"**
VTV-720 Dr. Ellis Miner discusses the Cassini mission to
Saturn and its moons. He describes to the general public
the mission and the controversial RTGs using slides and two
video productions.
Audience: Gen. Site: von Kármán Aud.
Client: Stephanie Zeluck

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/18/1997 - 1:32:28 Producer: Savona

AVC-1997-252-1/2 **Mars Global Surveyor Orbit Insertion**
Commentary coverage of the MGS spacecraft inserting into the Martian orbit. Includes various pre-tapes of interviews of Project Scientists and Mission Control images from Lockheed Martin in Denver, Colorado and JPL, Pasadena, California.
Audience: News Resource Site: JPL/Denver, Co.
Client: PIO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 2:32:00
09/11/1997 - 1:27:00 Producer: Goldrich

AVC-1997-252-2/2 **Mars Global Surveyor Orbit Insertion**
Part 2 of 2
Audience: News Resource Site: JPL/Denver, Co.
Client: PIO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 2:32:00
09/11/1997 - 1:05:00 Producer: Goldrich

AVC-1997-253-1/1 **Galileo Project Science Briefing**
Speakers: Dr. Karen Buxbaum, JPL
Dr. Steve Joy, UCLA
Dr. Robert Carlson, JPL
Dr. Rosaly Lopes-Gautier, JPL
Dr. David Senske, JPL
Dr. Ashwin Vasavada, Caltech
Audience: Gen. Site: 167-Conf.
Client: Dr. Karen Buxbaum
Master: sVHS
Audio 1: Mono mix 2: Mono mix
09/15/1997 - 2:08:00 Producer: Somach

AVC-1997-254-1/1 **New Millennium Deep Space 1 Video File for NASA-TV**
Computer animation of spacecraft followed by B-Roll of spacecraft in clean room and an interview with Dr. Marc Rayman, New Millennium Deep Space One Chief Mission Engineer
Audience: News
Client: Zeluck/PIO/NASA-TV, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

09/24/1997 - 0:07:27 Producer: Savona

AVC-1997-255-1/1 **Mars Pathfinder Chronology for Caltech Beckman Night**
We start with clips from "States of Art" production company of interviews with project members; a CNN interview with Matt Golombek; "A Tribute to the Mars Pathfinder Team"; Peter Smith excerpt from 4/4/97 press briefing; new Mars Global push-in; new monster pan of Mars; rover movies; cloud movies and ending with Sunrise image.
No narration - music or actual sound.
Audience: JPL
Client: Brian Muirhead
Master: BCAMsp
Audio 1: Stereo 2: Stereo
09/25/1997 - 0:22:05 Producer: Savona/Semerano

AVC-1997-256-1/1 **New Robots for Mars Science Missions - Planetary Dexterous Manipulators**
Robots have increasingly important roles in planetary science. This program shows the progress made towards four goals in FY97 to extend terrestrial technology to the space environment.
Audience: Tech. Site: JPL
Client: Paul Schenker
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/25/1997 - 0:07:00 Producer: John Beck

AVC-1997-259-1/1 **"The History & Accomplishments of the Tuskegee Airmen" - CMA**
VTV-730 "Caltech Management Association Presentation"
In 1939, the US War Dept. selected Tuskegee, Alabama as a base site for what was called the "Noble Experiment" in which Black pilots were trained to fly for the Army Air Corps. Edward L. Brantley, one of the 450 Black pilots which fought overseas, tells about his experiences.
Audience: Gen. Site: JPL - vKA
Client: M. Flores, Org. CMA
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/30/1997 - 1:20:00 Producer: Beck

AVC-1998-001-1/1 **Mars Global Surveyor Science News Briefing**
Science briefing of the MGS mission. Speakers include: Dr. Arden Albee, Dr. Jack Connerney, Dr. Michael Malin, Dr. Philip Christensen, Dr. David Smith, Dr. Jerry Keating and Dr. Richard Zurek Q & A follows presentation; Brian

Muirhead updates the public on the Pathfinder mission at the start.

Audience: News Site: von Kármán

Client: Cunningham/PIO, Org. 4900

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/02/1997 - 1:30:00 Producer: Savona

AVC-1998-003-1/1
VTV-733

Life Without Oxygen

Director's Topical Seminar Series. Dr. Kenneth Nealson talks about the metabolic versatility of life that might occur in both extreme environments on Earth and on Mars. Viewgraphs and slides highlight the presentation which is introduced by Dr. Chahine.

Audience: Edu. JPL Site: JPL - vKA

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/03/1997 - 1:23:00 Producer: Semerano

AVC-1998-004-1/1

KidSat Presents: View from Space of Fire in Indonesia

KidSat images from shuttle mission STS-86 were used to create a flight over Sumatra. The flight shows fires burning in Indonesia.

Audience: Edu. JPL News Resource Site: JPL

Client: KidSat/Jobea Way

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/03/1997 - 0:02:20 Producer: Eric DeJong

AVC-1998-007-1/1

Mars Pathfinder Science News Briefing

Mission status update and discussion of the planets core. Images from the Sojourner rover and discussion of sand on Mars and weather.

Participants: Jennifer Harris - JPL Flight Dir.

Dr. Matthew Golombek - JPL Project Scientist

Dr. William Folkner - JPL Participating Scientist

Dr. Wes Ward - U.S. Geological Survey, Menlo Park, CA (Rover Scientist)

Dr. Greg Wilson - Arizona State University, Science Team Member, Atmospheric Structure Instrument/Meteorology Package (ASI/MET) Facility Instrument

Audience: JPL News Site: JPL/von Kármán

Client: Muirhead/PIO, Org. 4900

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/08/1997 - 1:17:00 Producer: Savona

AVC-1998-012-1/1

Lightweight Planetary Rovers for Mars Science & Sample Return

Future mobile robots will explore a diverse Mars terrain & environment. This program shows the progress made towards a lightweight survivable rover and sample return rover.

Audience: JPL

Client: Paul Schenker

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/10/1997 - 0:04:30 Producer: John Beck

AVC-1998-013-1/1

Cassini/Titan IV L-2 Press Conference

Presenters: Dr. Wesley Huntress, Dr. Roger Bonnet, Prof. Giancarlo Setti, Col. Everett Thomas, Heinz Wimmer, Beverly Cook, John Weems

Audience: News

Site: KSC

Client: Nancy Lovato, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/11/1997 - 1:03:00 Producer: KSC

AVC-1998-015-1/1

MET Systems Survivability Task: FY97 Accomplishments

This video demonstrates the accomplishments made in the area of Thermal Control, low-temperature electronics and batteries, and the survivability of Mars Exploration Technology (MET) rovers.

Audience: NASA

Client: Ram Manvi

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/14/1997 - 0:05:30 Producer: Beck

AVC-1998-016-1/1

Cassini Launch Night Program

Switched program of activities in von Kármán Auditorium and building 230 Mission Operations during Cassini Launch.

Welcome by Ron Draper.

Tape starts at T-40 minutes and goes to T+40 minutes.

Audience: Gen. Resource

Site: von Kármán

Client: Ken Williams, Org. 3110

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/15/1997 - 1:20:00 Producer: Hanchett

AVC-1998-017-1/1

Cassini Launch from KSC

- VTV-722 Launch coverage of the Titan IV Rocket with the Cassini spacecraft from KSC. Coverage shows launch through spacecraft separation. The Cassini spacecraft will orbit Saturn. Launch is at 1:06:01:00.
Audience: Gen. News Resource Site: KSC
Client: PIO, Org. 181
Master: BCAMsp Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
10/15/1997 - 1:24:00 Producer: KSC (Borst)
- AVC-1998-018-1/1 **Cassini Post Launch Press Briefing from KSC**
Speakers:
Dr. Wesley Huntress - NASA Associate Administrator, Office of Space Science;
Dr. Roger Bonnet - Dir. of Science Prog. ESA;
Dr. Enrico Flanmini - Cassini Program Manager, Italian Space Agency;
Dr. Ed Stone - Director, JPL;
Brig Gen Randall Starbuck - Commander 45th Space Wing, USAF;
Heinz Wimmer - Launch Vehicle Integration Manager, LeRC;
Richard Spehalski - Cassini Program Manager, JPL;
Beverly Cook - Director, Space Nuclear Programs, DOE
Audience: News Site: KSC
Client: Nancy Lovato, Org. 181
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/15/1997 - 0:24:00 Producer: KSC (Borst)
- AVC-1998-020-1/1 **Robotic Assisted Microsurgery - RAMS FY'97**
Accomplishments of RAMS in FY'97
Audience: Gen. Site: JPL
Client: Hari Das, Org. 3450
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/15/1997 - 0:05:13 Producer: Savona
- AVC-1998-021-1/1 **Rocky 7 - Mojave Desert Field Tests**
Accomplishments of the Rocky 7 rover in Lavic Lake, Mojave Desert in May 1997
Audience: Gen. Site: Lavic Lake
Client: Samad Hayati, Org. 3450
Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo mix 2: Stereo mix
10/15/1997 - 0:07:09 Producer: Savona
- AVC-1998-022-1/1 **Mars Global Surveyor Orbit Insertion B-Roll**

Includes footage of MGS personnel in building 264 involved in orbit insertion activities
Audience: News Resource
Client: Zeluck, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/15/1997 - 0:00:00 Producer: Beck

AVC-1998-023-1/2 **Chapters in Aerospace History - Donna Shirley**
JPL manager Donna Shirley is interviewed by Dr. Albert Hibbs for the California Museum of Science and Industry's archives. Donna recounts her experiences from the early years at the lab to the present.
Audience: Edu. Site: TV Studio
Client: Dr. Shirley Thomas, Org. 182
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT: 1:23:21
10/20/1997 - 0:56:09 Producer: Semerano

AVC-1998-023-2/2 **Chapters in Aerospace History - Donna Shirley**
Part 2 of 2
Audience: Edu. Resource Site: TV Studio
Client: Dr. Shirley Thomas, Org. 182
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT: 1:23:21
10/20/1997 - 0:27:12 Producer: Savona

AVC-1998-026-1/1 **Genesis Mission Media Reel**
Computer generated animation of the Lockheed Martin-built Genesis spacecraft. Includes footage of the sun from the Yohkoh mission; NASA animation depicting the formation of the universe; and computer-generated Genesis logos.
Audience: News Resource Site: Denver, CO
Client: Zeluck
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
Internal duplication only!
10/27/1997 - 0:05:00 Producer: Lockheed-Martin

AVC-1998-027-1/1 **Galileo Science Summary October, 1997**
This compilation consists of the following visualizations:
Mission Summary:
Probe Release - :46
Probe Entry - :39

Data Relay - :17
 Jupiter Orbit Insertion - :12
 Orbital Tour - 1:54
 Jupiter's Atmosphere:
 5 micron "hotspot" dynamics - 1:53
 Simulated flight over the "hotspot" - 1:08
 Io:
 Internal structure derived from gravity data - :45
 Ganymede:
 Magnetic Data and Radio Noise - :34
 Magnetic Field Model - :46
 Internal Structure derived from gravity data - :24
 Zoom into Uruk Sulcus - :43
 Zoom into Galileo Regio - :43
 Simulated flight over Galileo Regio - :38
 Europa:
 Zoom & Pan into Minos Linea - 1:22
 Closest approach - 6th orbit - :51
 Zoom into Europa - :32
 Simulated flight over Ice Rafts - :54
 Edited version for presentation purposes by Torrence Johnson.
 Audience: Tech. Resource
 Client: Torrence Johnson, Org. 950
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/29/1997 - 0:17:34 Producer: Savona

AVC-1998-028-1/1
 VTV-725

CMA - "Martian Life and Its Implications for Humankind's Place..."

A Caltech Management Association talk.
 Robert Jastrow ponders, if there is life on Mars then life independently evolved on two planets in one solar system and is not a highly improbable event. This would carry the implication that the universe teems with life, much of it billions of years older than life on Earth.
 Audience: Gen. Site: von Kármán
 Client: Mina Flores, Org. 6100
 Master: BCAMsp Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 10/30/1997 - 0:50:46 Producer: Savona

AVC-1998-029-1/1

Colliding Galaxies - Hubble Space Telescope

Hubble Space Telescope's images.
 1. Zoom into the antennae Galaxies
 2. Galaxy merger evolution sequence
 3. The formation of the Antennae pair

4. Artist conception of the collision of Milky-Way Galaxy with Andromeda

Audience: Resource

Client: PIO/Jurrie, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/21/1997 - 0:06:13

AVC-1998-030-1/1 **Mars Pathfinder News Briefing**

Final mission report given to the press. Participants: Brian Muirhead, Richard Cook, Dr. Jake Matijevic, Dr. Matthew Golombek, Dr. Timothy Parker, Kathleen Spellman and Peter Smith.

Audience: News Site: von Kármán

Client: Muirhead/PIO, Org. 4900

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/04/1997 - 1:07:23 Producer: Savona

AVC-1998-031-1/1 **New Millennium DS2 Battery & Probe Tests Video File for NASA-TV**

Interviews with Sarah Gavit, DS2 Project Manager discussing the mission & recent tests; testing in Socorro, N.M. of the DS2 battery & probe; high-speed footage of probe impact from a previous test; animation of the DS2 separation from Mars'98

and penetration into Martian soil.

Audience: News Resource

Client: Stephanie Zeluck

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/06/1997 - 0:16:33 Producer: John Beck

AVC-1998-032-1/1 **TRMM Pre-launch & Science Briefing**

Briefing on NASA & Japanese Earth Satellite TRMM (Tropical Rainfall Measurement Mission) to be launched from Japan.

Panelists:

Tom LaVigna, TRMM Project Manager, GSFC

Hideshi Kozawa, NASDA

Joanne Simpson, TRMM Project Scientist

Christian Kummerow, TRMM Dep. Proj. Sci., GSFC.

Audience: News Resource Site: NASA HQ

Client: Mary Hardin, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/06/1997 - 0:46:30 Producer: Borst

AVC-1998-033-1/1 **Stardust Mission Overview and Name Microchip Video File for NASA TV**

Interview with Dr. Kenneth Atkins, Stardust Project Manager, discussing the mission and onboard microchip containing names submitted by the public; b-roll of a sample microchip & names viewed under an electron microscope; new animation of Stardust showing launch through sample return.

Audience: News Resource Site: JPL

Client: Stephanie Zeluck

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/07/1997 - 0:17:00 Producer: John Beck

AVC-1998-034-1/1 **Stardust Animation**

This animation shows the Stardust spacecraft intercept the comet Wild-2 and carry samples back to Earth.

Produced for JPL by the Engineered Multimedia Group.

Audience: Gen. Resource

Client: Aimee Whalen

Master: BCAMsp

Audio 1: Stereo mix 2: Stereo mix

11/07/1997 - 0:07:31 Producer: Robert Abannot

AVC-1998-035-1/1 **Mars Global Surveyor Press Briefing**

VTV-726

MGS operations of spacecraft aerobraking and science activities from the TES, Laser Altimeter, Camera, Mag./Electron and New Mission Plan. Participants include: Glenn Cunningham, Dr. Arden Albee, Dr. David Smith, Dr. Michael Malin, Dr. Philip Christensen and Dr. David Mitchell

Audience: News Site: JPL TV Studio

Client: Cunningham/PIO, Org. 4900

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/10/1997 - 0:59:30 Producer: Savona

AVC-1998-037-1/1 **Imaging Radar**

An edited production of an overview, history and future applications of spaceborne imaging radar.

Audience: Gen. Edu.

Client: Mona Jasnow

Master: 1"C Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/09/1997 - 0:06:07 Producer: Semerano

AVC-1998-038-1/1

Mars Pathfinder / TED Project

States of Art produced this dramatic overview of the Mars Pathfinder mission for the TED Convention. It includes interviews with team members and video footage shot both before and after the July 4th landing on Mars.

Audience: Gen. Resource Site: JPL

Client: Brian Muirhead

Master: BCAMsp

Audio 1: Stereo mix 2: Stereo mix

09/24/1997 - 0:12:20 Producer: D.Tate/States of Art

AVC-1998-039-1/1 **Live From Mars #5: "Today on Mars"**

A Passport to Knowledge Project production. The last of a 5-part series following the progress of the Mars Pathfinder and Mars Global Surveyor projects. Students asked questions. Hosted by Camille Moody and David Seidel.

Featured Phil Christensen, Glenn Cunningham, Norm Haynes, Wayne Lee, and Donna Shirley.

Weather data and imagery from Mars show what has been learned to date from the Pathfinder lander and rover: how the continuing data stream provides students with material to analyze in math and computer classes. What Sojourner has revealed,

to date, about the actual composition of Martian rocks, and what this implies for the question of liquid water and the possibility of life. A preview of the next decade of exploration.

Audience: Gen. Edu. Site: JPL/ASU

Client: Haines-Stiles/Bridges, Org. 182

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

<http://quest.arc.nasa.gov/mars/>

11/13/1997 - 1:00:00 Producer: Passport to Knowledge

AVC-1998-041-1/1 **Deep Space 1**

A narrated description of the mission profile of the Deep Space 1 spacecraft. Included are animations showing the spacecraft leaving Earth, navigating in deep space and later flying by Mars an asteroid and a comet.

Audience: Gen. News Resource

Client: Suzanne D'Mello

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/16/1997 - 0:02:58 Producer: Semerano

AVC-1998-042-1/1 **Journey to Jupiter - An Update on Galileo's Mission to Jupiter**

Lead Outreach Coordinator, Leslie Lowes hosts this Galileo

Mission update featuring the Galileo Project Manager, Bill O'Neil and special commentary from Dr. Arthur C. Clarke. Question and answer from the audience follows.

Audience: Gen. Site: JPL, von Kármán

Client: Leslie Lowes

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/17/1997 - 1:04:00 Producer: John Beck

AVC-1998-044-1/1 **Microwave Limb Sounder El Nino Animation**

Animation showing the development of the current El Nino based on upper atmospheric water vapor measurements at 10Km. Upper Tropospheric Humidity Data taken by the Microwave Limb Sounder on board the Upper Atmospheric Research Satellite. *Revised 3/3/98. Latest release on end.

Audience: Resource

Client: Zeluck

Master: BCAMsp Submaster: BCAMsp

Audio 1: Silent 2: Silent

03/03/1998 - 0:07:31 Producer: HQ

AVC-1998-045-1/2 **von Kármán Lecture Series - "An Astronaut's View: Dr. Story Musgrave**

VTV-727

In this talk, he discusses his experiences aboard the Space Shuttle and his work on the first Hubble Space Telescope repair mission - he uses these experiences as a basis to present his views of the universe.

Audience: Gen. Site: JPL - vKA

Client: Stephanie Zeluck, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT 01:43:30

11/20/1997 - 1:30:00 Producer: Savona

AVC-1998-045-2/2 **von Kármán Lecture Series - An Astronaut's View: Dr. Story Musgrave**
VTV-727

Part 2 of 2

Audience: Gen. Site: JPL vKA

Client: Stephanie Zeluck, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

TRT 01:43:30

11/20/1997 - 0:13:30 Producer: Savona

AVC-1998-048-1/1 **Solo Spirit Balloon Flight - Video File for NASA-TV**

Interviews with JPL's Jim Cutts & Jonathan Cameron and Washington University's Dr. Ray Arvidson discussing the

scientific objectives of the small payload onboard Steve Fossett's balloon to fly around the world. Includes b-roll of the payload, public web site, and balloon launch test footage.

Audience: News Resource Site: JPL/Wash. Univ.
Client: PIO/Zeluck
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/1997 - 0:11:50 Producer: John Beck

AVC-1998-052-1/1
VTV-730

Mars Pathfinder First Day of Issue Stamp Ceremony

The unveiling of the new U.S. Postal stamp commemorating the historic achievements of the Mars Pathfinder mission. A musical prelude by the U.S. Marine Corps begins the event. Presiding over the activities is Robert Mysel, Postmaster, Pasadena. A rover model unveils the stamp.

Audience: JPL Site: JPL Mall
Client: Kim Lievens
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/10/1997 - 0:23:28 Producer: Savona

AVC-1998-053-1/1

"The Clouds of Venus" - Short Version

Originally created as a 30 minute production in 1962, this film to tape transfer tells the story of Mariner II's journey to Venus & reports its findings.

Audience: Gen.
Client: Bridges
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix frm AVC 92-173
12/12/1997 - 0:08:37 Producer: Beck

AVC-1998-054-1/1

TOPEX/El Nino 12/18 Release - Video File for NASA-TV

TOPEX/Poseidon El Nino animation released 12/18 showing the increase and decrease in the Pacific Ocean warm water pool as part of El Nino's natural rhythm. Includes an interview with Dr. Lee-Lueng Fu, TOPEX/Poseidon Project Scientist discussing El Nino.

Audience: News Resource Site: Animation
Client: S. Zeluck/PIO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/16/1997 - 0:07:28 Producer: Gary Savona

AVC-1998-055-1/1

Mariner II 35th Anniversary Retrospective

VTV-732

A retrospective by Jack James on the Mariner II Mission to Venus. Introduction by John Casani. Following Jack James is Jeff Plaut talking on the Magellan Mission to Venus. Questions by audience members. Surveillance camera videotaping.

AVC-98-053 Clouds of Venus preludes.

Audience: Gen. Site: von Kármán Aud.

Client: Zeluck

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/12/1997 - 1:13:30 Producer: Ziats

AVC-1998-056-1/1

Galileo Science Update (End of Prime Mission)

Galileo scientists and engineers recap highlights of Galileo's primary mission and reviewed the new Galileo Europa mission. Showed new still pictures and video animation, some based on the Nov. 6th, 1997 Europa flyby.

Participants:

Jane Platt - Introduction

Bill O'Neil, Proj. Manager, Galileo Primary Mission - JPL

Dr. Torrance Johnson, Galileo Proj. Scientist - JPL

Dr. Ronald Greeley, Galileo Imaging Team - Arizona State University

Bob Mitchell, Proj. Manager (Galileo Europa Mission - JPL

Dr. Karen Buxbaum, Galileo Science Planning Manager - JPL

David Seidel, Moderator - JPL

Audience: News Site: JPL

Client: PIO/Zeluck, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/16/1997 - 0:57:00 Producer: Savona

AVC-1998-060-1/1

Space Interferometry Mission (SIM)

An edited production describing a future interferometer mission called SIM. Computer animation illustrates how interferometry works.

For presentation at the American Astronomical Society (AAS) conference in Washington D.C.

Audience: Tech.

Client: Dr. Firouz Naderi

Master: BCAMsp Submaster: BCAMsp

Audio 1: Stereo 2: Stereo

01/04/1998 - 0:08:05 Producer: Savona

AVC-1998-063-1/2

Cassini Flow Compilation

Audience: Resource

Site: JPL

Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/18/1998 - 0:40:00 Producer: Semerano

AVC-1998-063-2/2 **Cassini Flow Compilation**
Audience: Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/18/1998 - 1:02:00

AVC-1998-065-1/1 **Explorer 1 40th Anniversary - Video File for NASA-TV**
1) Interview with Dr. James Van Allen, instrument scientist for Explorer's Cosmic Ray Experiment.
2) Interview with Dr. William Pickering, Director of JPL from 1954-1976.
3) Interview with Donna Shirley, Manager, JPL's Mars Exploration Program.
4) Portions of X-80 Days, a documentary of Explorer 1.
Audience: Gen. JPL NASA News Resource Site: JPL
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/26/1998 - 0:26:30 Producer: John Beck

AVC-1998-067-1/1 **Searching For Planets Around Other Stars**
VTV-735
Speaker: Professor Geoffrey Marcy
Astronomers have finally discovered planets orbiting Sun-like stars and Prof. Marcy explained how these discoveries became possible, and he will survey our current state of understanding of the new planetary systems.
Audience: Tech. JPL Site: JPL
Client: C. Lowenstein, Org. 7200
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/28/1998 - 1:19:00 Producer: BECK

AVC-1998-068-1/1 **Mars Exploration Compilation**
Visual support for speakers discussing past and future programs dedicated to the exploration of Mars. Included are Mars Pathfinder, Mars Global Surveyor and Mars '98.
Audience: Edu. Resource
Client: Larry Soderblom
Master: BCAMsp
Audio 1: Silent 2: Silent

02/01/1998 - 0:20:00 Producer: Semerano

AVC-1998-070-1/1 **Mars Surveyor '98 Lander Integration - Video File for NASA-TV**

- 1) Animation of the Mars '98 lander mission.
- 2) B-roll of tests & integration of the Mars '98 science payload at JPL.
- 3) B-roll of Mars '98 at Lockheed Martin, Denver CO.
- 4) Interviews with: Dr. John McNamee, Dr. Young Park, & Dr. Richard Zurek.
- 5) New images from MGS of the Mars '98 landing site.

Audience: News Resource Site: JPL/LMA, Denver

Client: S. Zeluck/MRO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/07/1998 - 0:25:28 Producer: Beck/Semerano

AVC-1998-071-1/1 **Voyager 1 Passes Pioneer 10 - Video File for NASA-TV**

Animation depicting how after 2/17/98, Voyager 1 will have passed Pioneer 10 to become the farthest human-made object in the solar system. Includes interviews with Dr. Edward Stone, JPL Director / Voyager Project Scientist & Ed Massey, Voyager Project Manager. "Best of" images from Voyager 1.

Audience: News Resource Site: JPL

Client: S. Zeluck/MRO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/10/1998 - 0:08:54 Producer: Beck/Semerano

AVC-1998-072-1/1 **News Briefing - NASA Radar Reveals Hidden Remains at Angkor**

A press briefing about new evidence of a prehistoric civilization and remnants of ancient temples in Angkor, Cambodia have been discovered by researchers using highly detailed maps produced with data from an airborne imaging radar instrument created by NASA/JPL.

Audience: News Site: von Kármán Aud.

Client: Mary Hardin

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/12/1998 - 0:40:31 Producer: Savona

AVC-1998-075-1/1 **Earth & Space Science Colloquium - "The Age and Size of the Universe"**

VTV-739

Dr. Wendy Freedman talks of the Hubble constant eluding astronomers. A determination of the Hubble constant requires a means of accurately measuring the distances to galaxies, a task that is considerably more difficult than

originally anticipated.

Audience: JPL Site: von Kármán Aud.
Client: Cary Loewenstein, Org. 7200
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/23/1998 - 1:00:00 Producer: Savona

AVC-1998-076-1/1 **Mars Orbiter Camera: Views from the Aerobraking Orbit**
VTV-740 Director's Topical Seminar Series

Speaker: Dr. Michael Malin, Malin Space Science Systems.
Audience: Gen. Site: von Kármán Aud.
Client: Lynn Osornia, Org. 1000
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/23/1998 - 1:35:00 Producer: John Beck

AVC-1998-078-1/1 **Space Interferometry Mission: An Overview**

Jim Marr, SIM Instrument Manager, presents an overview of the Space Interferometry Mission: A mission which provides the resolving power and sensitivity of a 10 meter telescope with smaller multiple apertures.
Audience: Tech. JPL Site: JPL
Client: Bill Goss
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/25/1998 - 0:44:00 Producer: Semerano

AVC-1998-081-1/1 **Galileo Europa E12 Images & Animation**

Zoom into Jupiter's moon Europa "Wedge" Terrain; Zoom into Europa "Chaos" Terrain; Europa E12 animation; Europa E13 animation 9:18. Collection of stills of E12 Encounter 2:40.
Audience: News Resource
Client: Stephanie Zeluck
Master: BCAMsp Submaster: DVCPro25
Audio 1: Silent 2: Silent
03/02/1998 - 0:12:00 Producer: Eric DeJong

AVC-1998-082-1/1 **Mars Global Surveyor Centennial Orbit Animation**

This is an animation of Mars Global Surveyor showing the aerobraking drag pass and science rollout during the 100th orbit about Mars on January 20, 1998.
Audience: JPL Resource
Client: John Callas, Org. 3231
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
03/02/1998 - 0:03:00 Producer: Callas

- AVC-1998-084-1/1 **Mars Pathfinder End of Mission Press Briefing**
 Speakers include Brian Muirhead, Jennifer Harris and Matt Golombek
 Q and A follows presentations.
 Audience: News Site: von Kármán Aud.
 Client: Media Relations Off., Org. 181
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 03/10/1998 - 0:15:19 Producer: Savona
- AVC-1998-085-1/1 **Last Attempt to Contact Mars Pathfinder - Video File for NASA TV**
 B-roll of the Mars Pathfinder Mission Ops area on 3/10/98 when a final attempt was made to contact Mars Pathfinder. After no signal was received, a mission status was delivered in von Kármán Auditorium by Brian Muirhead, Jennifer Harris, & Matt Golombek announcing the end of the mission.
 Audience: News Resource Site: JPL
 Client: S. Zeluck/MRO, Org. 1810
 Master: BCAMsp Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 03/10/1998 - 0:18:06 Producer: Semerano
- AVC-1998-086-1/1 **Lunar Prospector Early Science Results**
 Press Conference from NASA Ames Research Center.
 Audience: News Resource
 Client: AMES RESEARCH
 Master: sVHS
 Audio 1: Mono mix 2: Mono mix
 03/05/1998 - 1:30:00
- AVC-1998-087-1/1 **Mars Global Surveyor Science Magazine - Video File for NASA-TV**
 New images and flyover imagery from Mars Global Surveyor released in conjunction with a Science Magazine article on 3/13/98. Includes interviews with MGS Project Manager Glenn E. Cunningham and MGS Project Scientist Dr. Arden Albee. Mars images by Malin Space Science Systems, Inc.
 Audience: News Resource Site: JPL/Malin SSS
 Client: S. Zeluck/MRO, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 03/12/1998 - 0:22:00 Producer: Parrillo
- AVC-1998-089-1/1 **SIRTF Development Phase - Video File for NASA-TV**
 1) Animation of the Space Infrared Telescope Facility (SIRTF)
 2) b-roll of SIRTF shake tests

3)Interview with Larry Simmons, SIRTf Project Manager;
4)Interview with Dr. Mike Werner, SIRTf Project Scientist.
Both discuss the scientific objectives of SIRTf.
Note: Renamed "The Spitzer Space Telescope"
Audience: News Resource Site: JPL
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/18/1998 - 0:15:02 Producer: Parrillo

AVC-1998-090-1/1 **El Nino Clips for Educators**
Excerpt from AVC-95-091; Segment 7 from AVC-97-250;
Animation from Tim Liu and Local News
Audience: Edu.
Client: Diane Evans
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/17/1998 - 0:12:17 Producer: Savona

AVC-1998-092-1/1 **Chixculub Impact Crater - Video File for NASA-TV**
B-roll of a Planetary Society-sponsored expedition to the
Chixculub impact crater in Belize in January, 1998,
revealing more evidence of a catastrophic asteroid impact
that killed off the dinosaurs. Includes an interview with
Adriana Ocampo, NASA Planetary Geologist and part of the
Belize expedition.
Audience: News Resource Site: JPL/NASA HQ
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/09/1998 - 0:13:11 Producer: Savona

AVC-1998-093-1/1 **TOPEX/Poseidon 3/26 El Nino Release - Video File for NASA-TV**
Animation depicting the evolution and decrease of the El
Nino warm water pool from 12/96 to 3/98.
Interview with Dr. Bill Patzert, JPL Research Scientist
describing the animation and the expected duration of the
current El Nino.
Audience: News Resource Site: JPL
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/24/1998 - 0:05:44 Producer: Savona

AVC-1998-094-1/1 **MGS Images Martian Sites of Public Interest - Video File for NASA-TV**
A still image of the Cydonia, or "face" region of Mars

imaged by the Viking 1 Orbiter in 1976. Interview with Glenn E. Cunningham, Mars Surveyor Operations Project Manager at JPL, discussing the upcoming imaging and scientific campaigns for Mars Global Surveyor.

Audience: News Resource Site: JPL

Client: S. Zeluck/MRO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

03/24/1998 - 0:06:54 Producer: Savona

AVC-1998-095-1/1 **Ground Collision Avoidance Software - Video File for NASA-TV**

Footage of a pilot using TerrAvoid and Position Integrity, software-based collision avoidance programs using JPL's GeoTIFF mapping architecture. Interview with Bob Severino, President of Dubbs & Severino, the software developers and Merle McKenzie, Mgr. of JPL's Commercial Technology Program.

Audience: News Site: JPL

Client: S. Zeluck/MRO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

03/26/1998 - 0:07:44 Producer: Savona

AVC-1998-097-1/1 **SSV Mars Pathfinder Collection (Preliminary Version)**

Solar System Visualization Project Collection of The Mars Pathfinder (MPF) Mission animations. This collection includes panoramic views of the MPF landing site and animations of the Sojourner rover.

Audience: JPL Resource Site: DIAL/JPL/CIT

Client: Eric De Jong, Org. 3233

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/04/1998 - 0:20:00 Producer: Eric De Jong

AVC-1998-098-1/2 **SSV Galileo Collection**

Solar System Visualization Project Collection of The Project Galileo animations. This collection includes: displays of the Galileo Spacecraft, The Mission trajectory, and close-up views of Io, Europa, Ganymede, Callisto and Jupiter.

Audience: Tech. JPL Site: DIAL/JPL/CIT

Client: Eric De Jong, Org. 3233

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

03/05/1998 - 1:03:15 Producer: Eric De Jong

AVC-1998-098-2/2 **SSV Galileo Collection**

Part 2 of 2.

Audience: Tech. JPL Site: DIAL/JPL/CIT
Client: Eric De Jong, Org. 3233
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/05/1998 - 0:46:00 Producer: Eric De Jong

AVC-1998-099-1/1 **SSV Collection of Earth Science Examples**
Solar System Visualization Project Collection of Earth
Science Visualization animations. The collection includes:
global views of the ozone layer, images from the SIR/C
Mission, and computer simulations of the EOS/AM1 and
Topex/Poseidon orbiters.
Audience: Tech. JPL Site: DIAL/LAB/CIT
Client: Eric De Jong, Org. 3233
Master: BCAMsp
Audio 1: 2:
04/13/1998 - 0:21:18 Producer: Eric De Jong

AVC-1998-100-1/2 **How to use DNS Services & The Business Case for DNS**
VTV-751 Steve Bluhm, the JPL DNS Contract Manager, presents
details about the DNS contract, services and the procedures
for using them.
Q & A follows presentation.
Audience: JPL Site: von Kármán Aud.
Client: Vicki Laidig, Org. 1710
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/31/1998 - 1:00:22 Producer: Savona

AVC-1998-100-2/2 **How to use DNS Services & The Business Case for DNS**
VTV-751 Part 2 of 2
Audience: JPL Site: von Kármán Aud.
Client: Vicki Laidig, Org. 1710
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/31/1998 - 0:43:30 Producer: Savona

AVC-1998-101-1/1 **Lewis Center for Educational Research - Video File for NASA-TV**
B-roll of the newly dedicated Lewis Ctr. for Educational
Research, Apple Valley CA. Shows exterior shots plus
students operating the DSS-12 dish from mission control;
shot of the DSS-12 antenna at Goldstone. Interview with Rick
Piercy, Chief Operations Officer of the Center.
Audience: News Resource Site: JPL
Client: S.Zeluck/MRO, Org. 1810
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
04/01/1998 - 0:07:12 Producer: Parrillo

AVC-1998-102-1/1 **The Pathfinders - full length version**
--- see pathfinders AVC-1998-202 -----
Audience: Gen. Edu. Resource
Client: Brian Muirhead
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/22/1998 - 0:36:00 Producer: John Beck

AVC-1998-102-1/2 **The Pathfinders (9 minute version)**
A dramatic look at the Mars Pathfinder Mission as told by its team members. This 9 minute version of the full length Pathfinder documentary gives a brief summary of the history which lead to the July 4th Landing Day.
Audience: Gen. Edu. Resource
Client: Brian Muirhead
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/01/1998 - 0:09:00 Producer: John Beck

AVC-1998-102-1/3 **The Pathfinders (3 minute version)**
A dramatic look at the Mars Pathfinder Mission as told by its team members. This 3 minute version of the full length Pathfinder documentary gives a brief summary of the history which lead to the July 4th Landing Day.
Audience: Gen. Edu. Resource
Client: Brian Muirhead
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/01/1998 - 0:03:15 Producer: John Beck

AVC-1998-103-1/1 **MGS Images of Cydonia Taken 4/05/98**
One unprocessed and one processed image of the Cydonia, or "face" region of Mars, taken by Mars Global Surveyor 4/5/98.
Audience: News Resource Site: JPL
Client: S. Zeluck/MRO, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/06/1998 - 0:01:50 Producer: JPL MIPL

AVC-1998-104-1/1 **Mars Global Surveyor - Mars Orbit Insertion Animation**
An animation of the orbit insertion maneuver of the Mars Global Surveyor spacecraft.
Audience: JPL Resource

Client: John Callas, Org. 3231
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
04/14/1998 - 0:02:14 Producer: Callas

AVC-1998-106-1/1 **Star HR-4796 - Video File for NASA-TV**
Interview with Dr. Michael Werner, Sr. Research Scientist, JPL, discussing the discovery of planetary forming material around the star HR 4796. B-roll footage of the Keck II Observatory in Hawaii. Animation depicting the formation of a solar system and images of HR 4796 taken by Keck.
Audience: News Resource Site: JPL
Client: S.Chavez/ MRO /NASA
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/17/1998 - 0:09:32 Producer: Chavez

AVC-1998-109-1/1 **DS3-Separated Spacecraft Interferometer**
A production depicting an experiment with formation flying spacecraft and interferometry. DS3 is an experimental mission of the New Millennium Program.
Audience: Gen.
Client: Suzanne D'Mello
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/27/1998 - 0:03:52 Producer: Semerano

AVC-1998-117-1/1 **Space Science Update: Cosmic Fireworks**
Recorded off NASA T.V.
Audience: Tech. NASA Resource Site: NASA HQ
Client: Jurrie/MRO, Org. 1810
Master: sVHS
Audio 1: Mono mix 2: Mono mix
05/06/1998 - 1:03:00 Producer: Ziats

AVC-1998-120-1/1 **Outside the Envelope - Exploring Beyond Earth's Boundaries**
Fairfax Network production involving Scientist from JPL and JSC discussing space exploration with past present and future technologies. Produced in cooperation of the Galileo Project Outreach Office.
Audience: Gen. Edu. Site: Off Satellite
Client: Leslie Lowes
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/20/1998 - 1:00:00 Producer: Bridges (JPL)

- AVC-1998-121-1/1 **Europa: Another Water World**
 A discussion on the possibility of life under Europa's crust. Live broadcast from Caltech's Beckman Auditorium. Panel includes Dr. Richard Terrile, Ms. Joan Horvath, Dr. John Delaney and Jim Klamaszewski. Special televised remarks from Sir Arthur C. Clarke. Moderated by Leslie Lowes.
 Audience: Gen. Site: Caltech
 Client: Leslie Lowes, Org. 9500
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/21/1998 - 1:30:00 Producer: Hanchett/Borst
- AVC-1998-125-1/1 **Space Science Update - Runaway Planet**
 Science Briefing at NASA-HQ regarding Planet TMR-1C in the Constellation Taurus that has been expelled from the system. Panelists are Dr. Susan Terebey Extrasolar Research Corp.; Dr. Alan Boss Carnegie Institution of Washington; Dr. Ed Weiler Dir NASA Origins Program; Dr. Steve Strom Univ. of Mass. Amherst; and Dr. Anne Kinney Space Telescope Science Institute.
 Audience: News Resource Site: NASA HQ
 Client: Jane Platt
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/28/1998 - 1:17:50 Producer: Hanchett
- AVC-1998-128-1/1 **Seawinds on QuikSCAT - Video File**
 Pre launch milestone: Seawinds/QuikSCAT shipped to Ball Aerospace, Boulder Co.
 1. Animation
 2. Jim Graf Interview
 3. S/C in SAF at JPL
 Audience: News Resource Site: JPL
 Client: Jim Graf/JPL, Org. 7830
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 06/02/1998 - 0:11:38 Producer: Dawson
- AVC-1998-129-1/1 **Asteroid Castalia Impact Simulation**
 Animation shows the target asteroid (Castalia) breaking into pieces as a result of the collision. The originally solid rock is colored red when it is fractured, so red lines are actual cracks spreading through the target. White dots show impactor material, which is ejected from the scene at high speed. 1/10 of the target asteroid is also ejected at escape

The 1997-1998 El Nino: Observations from TOPEX/Poseidon Dec 3, 1996 - June 14, 1998
Audience: Resource
Client: Topex-Poseidon
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/24/1998 - 0:03:30 Producer: Mary Hardin

AVC-1998-140-1/1 **Mars Pathfinder & Mars '98 Press Briefing Supporting Visuals**
Animation Sagan Station, Animation of Sojourner path,
Animation of the landing and deployment of Pathfinder, live
footage of control room activity during landing.
Mars '98 animation of landing and deployment, B-roll footage
of scooper operation.
Audience: News Resource
Client: Ainsworth/Dawson
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/26/1998 - 0:14:56 Producer: Savona

AVC-1998-141-1/1 **Mars Pathfinder and Mars '98 Science Briefing**
VTV-766 Scientists discuss the latest findings from the
Pathfinder mission, one year after the Mars landing.
Presenters include: Dr. Matthew Golombek, Dr. Joy Crisp,
Stephen Metzger, Dr. Diana Blaney, Dr. Richard Zurek and
Moderator, David Seidel.
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/29/1998 - 0:40:40 Producer: Savona

AVC-1998-150-1/1 **Asteroid Composite Tape**
Simulated Asteroid Encounter w/Earth
Near Earth Tracking - Toutas and Gaspra
Champoleon Animation
Champoleon Anchoring Tests and Spikes
Stardust Animation
Stardust Drop Test from Hot Air Balloon
Audience: Resource
Client: Mary Beth Murrill
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/07/1998 - 0:19:50 Producer: Savona

AVC-1998-151-1/1 **The 1997-98 El Nino: Observations from TOPEX/Poseidon**

Updated images of El Nino as imaged by TOPEX/Poseidon. Dec 3, 1996 - June 14, 1998
Audience: News Resource
Client: James Lambert
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/14/1998 - 0:04:08 Producer: Dawson

AVC-1998-153-1/1 **Deep Space 1 Animation(Revised)**
A narrated description of the mission profile of the Deep Space 1 spacecraft. Included are animations showing the spacecraft leaving Earth, navigating in deep space and later flying by an asteroid and two comets.
Audience: JPL Resource Site: JPL
Client: Suzanne D'Mello
Master: 1"C Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/22/1998 - 0:02:58 Producer: Semerano

AVC-1998-154-1/1 **E-VIEWS Test At JPL #2 7/15/98 - Video File**
A new traffic technology can warn motorists quickly of rapidly approaching emergency vehicles and trains. This video file depicts the second testing at JPL of the Emergency Vehicle Early Warning Safety System. System developed under JPL's Technology Affiliates Program.
Audience: News Resource
Client: John Watson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/24/1998 - 0:04:33 Producer: Dawson

AVC-1998-155-1/1 **NSCAT Data Animation**
Graphical representation of NSCAT data for March, April and May 1998 over northern hemisphere and North America, ice data only. No wind data over oceans.
Audience: Resource
Client: Son Nghiem, Org. 334
Master: BCAMsp
Audio 1: silent 2: silent
07/29/1998 - 0:04:25 Producer: Hanchett

AVC-1998-160-1/1 **Mars Global Surveyor Video File**
Composite: Animation, Assembly, Launch and Images.
Audience: JPL News Resource Site: JPL
Client: Diane Ainsworth/MRO, Org. 1810
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
08/06/1998 - 0:13:53 Producer: Ainsworth

AVC-1998-166-1/1 **Monterey Bay Aquarium NASA Probe - Video File**
Video File on JPL/NASA Probe experiments at Monterey Bay Aquarium.
Animation of Europa.
"B" Roll shot at Aquarium.
Interviews w/ Dr. Lonni Lane and Lloyd French.
Audience: Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/24/1998 - 0:07:54 Producer: Dawson

AVC-1998-167-1/1 **Europa Comp: Myth of Europa & Experts Speak out: Another Water World?**
1. "The Myth of Europa" - Mime Artist Richard Shope acts out the mythical story of Jupiter and Europa.
2. "The Experts Speak Out - Europa: Another Water World?"
Audience: Gen.
Client: Leslie Lowes
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/06/1998 - 0:25:00 Producer: Beck/Goldrich/Cosmic

AVC-1998-169-1/1 **JPL/FORD Neural Network Chip - Video File**
"B" Roll of chip in testing at the Ford Motor Company. Ford car driving around with chip installed. Interviews with Ken Marko of Ford and Raoul Tawel and Thomas R. Hamilton of JPL.
Audience: Resource
Client: Watson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/26/1998 - 0:10:00 Producer: Dawson

AVC-1998-170-1/1 **Phobos Temperature Variations - Video File**
New data from The Thermal Emission Spectrometer on board NASA's Mars Global Surveyor.
Animation of MGS with Phobos
"B" roll of MGS in vacuum chamber
Interview w/Dr. Philip Christensen
New TES data images
Audience: Resource
Client: Ainswerth
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
09/04/1998 - 0:10:00 Producer: Dawson

AVC-1998-173-1/1 **SRTM Boom Deployment at AECable, Goleta, Ca. - Video File**
"B" Roll and Interviews - SRTM Antenna is deployed on August 8, 1998. SRTM Antenna deployed without box covering it, September 8, 1998.
SIR-C Animation of
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/09/1998 - 0:09:20

AVC-1998-174-1/1 **Galileo/Jupiter New Rings Data Video File**
De Jong Animation of new Galileo Rings data
Four New Ring Data Images
"B" Roll animation of:
Jupiter rotating
Galileo S/C in flight
Galileo S/C with Jupiter in Background
Audience: News Resource
Client: Platt
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix SRC 000117
09/14/1998 - 0:07:03 Producer: Dawson

AVC-1998-175-1/1 **Cornell/JPL Galileo Press Conference**
Video teleconference, press conference originate at Cornell University with questions from JPL.
Welcome remarks by Cronell Pres. Hunter Rawlings.
Introduction of Mike Belton, NOAO.
Panelists: Maureen Ockert-Bell, Joe Burns, Joe Veverka
Audience: Tech. NASA News Resource Site: Cornell U.
Client: Media Relations, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/15/1998 - 0:57:00 Producer: Platt

AVC-1998-176-1/1 **SIM - Space Interferometry Mission**
An edited program describing the Space Interferometry Mission, the world's first long baseline optical interferometer in space. Computer animation helps to illustrate this technique.
Audience: Gen. Resource
Client: Danner/Naderi

Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
09/15/1998 - 0:03:44 Producer: Savona

AVC-1998-178-1/1 **Asteroids & Comets Outreach Compilation**
Compilation of the best videos JPL has on the subject of
Asteroids and comets.
AVC-1998-150 Asteroid Composite Tape
AVC-1998-129 Asteroid Castillia Impact Simulation
AVC-1997-124 Comet Hale-Bopp Video File
AVC-1998-034 Stardust
Audience: Edu. Resource
Client: Sohus
Master: D-BCAM
Audio 1: Mono mix 2: Mono mix
09/17/1998 - 0:55:38 Producer: Wynne

AVC-1998-179-1/1 **Mars Pathfinder & Mars Global Surveyor Outreach Compilation**
Compilation of the best videos JPL has on the subject of
Mars Pathfinder and Global Surveyor.
AVC-1998-140 Mars Pathfinder & Mars '98
AVC-1998-102 The Pathfinders
AVC-1998-097 SSV Mars Pathfinder Collection
AVC-1997-207 MPF Press Release Images
AVC-1997-200 A Tribute to Mars Pathfinder Team
AVC-1996-136 MPF Animation
AVC-1998-160 MGS Video File
AVC-1998-104 MGS Orbit Insertion Animation
AVC-1998-082 MGS Centennial Orbit Animation
AVC-1998-103 MGS Images of Cydonia
Audience: Edu.
Client: Sohus
Master: D-BCAM Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/17/1998 - 0:51:25 Producer: Wynne

AVC-1998-180-1/1 **Galileo Outreach Compilation**
VTV-1014
Compilation of the best videos JPL has on the
subject of the Galileo Mission.
AVC-1998-081 Galileo Europa E12 Images
AVC-1998-098 SSV Galileo Collection
AVC-1998-027 Galileo Science Summary Oct 1992
AVC-1997-167 Galileo/Jupiter Atmospheric Animation
AVC-1997-077 Galileo Science Summary Oct 1997
AVC-1997-071 Ganymede, Europa & Callisto Video File
AVC-1996-258 Galileo Animation Compilation

Audience: Edu.
Client: Sohus
Master: D-BCAM Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/1998 - 1:23:04 Producer: Wynne

AVC-1998-181-1/1 **Voyager Outreach Compilation**
Compilation of the best videos JPL has on the subject of the
Voyager Mission.
AVC-1997-234 Voyager in F-Major
AVC-1990-122 Voyager Science Summary Tape
AVC-1990-095 The Grand Tour
AVC-1991-060 Voyage to the Outer Planets
AVC-1989-151 Neptune Encounter Resource Tape
AVC-1996-175 A Tour of the Solar System
Audience: Edu.
Client: Sohus
Master: D-BCAM Submaster: BCAMsp
Audio 1: Mono mix 2:
09/17/1998 - 1:11:29 Producer: Wynne

AVC-1998-182-1/1 **von Kármán Lecture Series: "Robotic Explorers - Enablers of New
Disco**
VTV-776 This talk discusses the JPL robotic technology
development program, which enables sample selection and
sample return to Earth from Mars and small bodies such as
comets and asteroids.
Audience: Gen. Edu. Site: von Kármán Aud.
Client: Eric Hayne
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/1998 - 1:06:13 Producer: Greg Parrillo

AVC-1998-185-1/1 **Deep Space 1(DS1) Press Briefing**
DS1 briefing from NASA HQ covering mission overview and
technology objectives.
Participants:
Dr. Wes Huntress, NASA
David Lehman, DS1 Project Mgr., JPL
Dr. Marc Rayman, Chief Mission Eng., JPL
John Stocky, Ion Propulsion Mgr., JPL
Dr. Barbara Wilson, New Millennium Prog. Techn., JPL.
Audience: JPL News Resource Site: NASA-HQ
Client: PIO/DS-1
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

09/22/1998 - 1:19:30 Producer: NASA HQ

AVC-1998-197-1/1 **Mars Global Surveyor Mars Orbiter Camera Update Video File**

Four still images and the same images animated.

Audience: Resource

Client: Diane Ainsworth

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/13/1998 - 0:01:30 Producer: Dawson

AVC-1998-198-1/1 **Stardust: Mr. NASA's Wild Ride to a Comet**

Dr. Ken Atkinson gives overview of Stardust mission.

Audience: Gen. Site: von Kármán

Client: JPL PAO

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/15/1998 - 1:20:00 Producer: John Beck

AVC-1998-199-1/1 **Galileo/Ocean Under Callisto Video File**

Interview with Dr. Margaret Kivelson at UCLA.

"B" Roll image of Callisto.

Audience: Resource

Client: Jane Platt

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/15/1998 - 0:02:30 Producer: Dawson

AVC-1998-200-1/1 **Electronic Nose Video File**

"B" Roll of Electronic Nose and readout in Lab

Interview with Margaret Ryan

Audience: Resource

Client: John Watson

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/16/1998 - 0:03:00 Producer: Dawson

AVC-1998-202-1/1 **The Pathfinders**

VTV-802

"The Pathfinders" is the dramatic story of the Mars Pathfinder Mission as told by its team members. This documentary includes historical footage from early tests and concepts to landing day events with images of the Martian surface.

Audience: Gen. JPL NASA

Client: Brian Muirhead

Master: BCAMsp Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

10/19/1998 - 0:35:30 Producer: John Beck

AVC-1998-203-1/1 **DS2 Microprobe Mission to Mars**
Narrated animation of the Deep Space 2 mission. The production describes how two microprobes carried aboard the Mars Polar Lander will penetrate the Martian surface, conduct experiments on the soil and then relay data back to Earth.
Audience: Gen. Edu. Resource Site: JPL
Client: Suzanne D'Mello
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/18/1998 - 0:03:13 Producer: Semerano

AVC-1998-205-1/1 **NASA on the Cutting Edge-Oceans in Motion & Color of Oceans**
Two educational shows hosted by Kate Ferrall of NASA-TV. Show 1 has Dr. William Patzert of JPL discussing ocean currents & El Nino. Show 2 has Dr. Gene Feldman of GSFC discussing colors of oceans around the world.
Audience: Edu. Site: NASA-HQ
Client:
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/21/1998 - 1:00:00 Producer: Kate Ferrall

AVC-1998-206-1/1 **Deep Space 1 Pre-Launch Press Conference**
L-1 Pre-Launch Briefing on weather, mission and spacecraft status.
Dr. Marc Rayman-Chief Mission Engineer JPL; Rich Murphy-Dir. of Launch sites Boeing; Ray Lugo-NASA Launch Manager KSC; Bruce Milam-Launch Services Manager GSFC; Leslie Livesay-Spacecraft Manager JPL; Joel Tumbiolo-Launch weather Officer.
Audience: Gen. Site: KSC
Client: PAO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/23/1998 - 0:52:00 Producer: KSC

AVC-1998-207-1/2 **Delta II/ Deep Space 1 Launch Thru Insertion**
VTV-780 NASA Select coverage of Deep Space 1 Launch from Cape Canaveral. Tape starts at 30 minutes prior to launch at ends at T+60. Time code is locked to 'time of day' and launch occurs at 5:08 am.
Audience: Gen. News Site: Cape Canaveral
Client: PAO

Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/24/1998 - 1:30:00 Producer: KSC

AVC-1998-207-2/2 **NASA Select coverage of Deep Space 1 Launch**
NASA Select coverage of Deep Space 1 Launch from Cape Canaveral. Tape starts at T+60 minutes and ends at T+150 minutes. Time code is locked to 'time of day'. Acquisition occurs around 6:40 am.
Audience: Gen. News Resource Site: Cape Canaveral
Client: PAO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/24/1998 - 1:30:00 Producer: KSC

AVC-1998-210-1/1 **L.A. Under A Slow Squeeze - Video File**
Video file to accompany news release that L.A. is slowing moving into the San Gabriel Mountains. Aerials, animation and "B" Roll of scientists and equipment.
Audience:
Client: Mary Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/26/1998 - 0:03:00 Producer: Dawson

AVC-1998-211-1/1 **Mars Global Surveyor Images - Video File**
Still images of Lava Flows in the Elysium Basin and Active Sand Dunes in the North Pole region.
Interview: Frank Palluconi, MGS Deputy Project Scientist.
Audience: Resource
Client: Diane Ainsworth
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/27/1998 - 0:05:14 Producer: Dawson

AVC-1998-212-1/1 **Cassini - Huygens: Mission to Saturn and Titan (Revised Version)**
A production that describes Cassini's journey to Saturn--its ring system and large moon Titan. The program features key events that will happen during Cassini's eleven year journey.
(REVISED 1999 VERSION FROM AVC-1996-160)
Audience: Gen. Site: JPL
Client: Edberg/Peralta, Org. 3120
Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo 2: Stereo AVC-1996-160
06/04/1999 - 0:06:55 Producer: Gary Savona

- AVC-1998-213-1/1 **STS-95 Reaches Orbit - Crew Begins Mission**
 The Space shuttle Discovery took off from NASA's Kennedy Space Center at 2:20 p.m. EST beginning a nine day mission with a variety of scientific objectives. Astronaut John Glenn aboard this mission.
 Audience: NASA Site: KSC
 Client: NASA TV
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 10/29/1998 - 1:30:00 Producer: NASA TV
- AVC-1998-216-1/1 **Mars Polar Lander and Deep Space 2 Video File for HQ News Update**
 Animation of Mars Polar Lander
 MPL arm test
 MPL at KSC for final testing
 Animation of Deep Space 2
 Firing of probe by air cannon in New Mexico
 Soldering wires on probe at JPL
 Audience: News Resource
 Client: Ainsworth
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 11/05/1998 - 0:11:07 Producer: Dawson
- AVC-1998-217-1/1 **Mars Global Surveyor Images with Moves**
 Orbit 87 Image 04 (B&W)
 Orbit 80 Image 03 (B&W)
 Orbit 80 Image 03 (Color)
 Audience: Resource
 Client: Diane Ainsworth
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 11/06/1998 - 0:12:00 Producer: Dawson
- AVC-1998-220-1/1 **Deep Space 1 Launch ---- Short Version**
 Video begins four minutes before the launch of DS-1 runs through the launch and four minutes after the launch. Edited from 90 minute version,
 AVC-1998-207
 Audience: Resource
 Client:
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 11/11/1998 - 0:10:00

AVC-1998-221-1/1 **Outer Planets/Solar Probe Project: Missions to Europa, Pluto & the Sun**
VTV-783

Robert L. Staehle describes three upcoming missions: Pluto-Kuiper Express, Europa Orbiter and Solar Probe with charts, graphs and pictures. Includes playback of animation video. Other topics include TMOD/X2000, Beacon Cruise mode, Avionics technology advances. Introduced by Tom Gavin.

Audience: Gen. Edu. Tech. Site: von Kármán Aud.

Client: Karpinsky

Master: BCAMsp Submaster: sVHS

Audio 1: Mono mix 2: Mono mix

11/11/1998 - 1:06:00 Producer: Borst

AVC-1998-222-1/1 **Stardust Video File**

Stardust Animation 3:40 min

Drop Testing from hot air balloon 2:25 min

Name Microchip 30 sec

Stardust Testing at Lockheed Martin 1:47 min

Interview with Dr. Peter Tsou 2:04 min

Interview with Dr. Donald C. Brownlee

Interview with Dr. Kenneth L. Atkins

Audience: News Resource

Client: Mary Beth Murrill

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/12/1998 - 0:16:45 Producer: Dawson

AVC-1998-223-1/1 **CMA - "Apollo: An Eyewitness Account"**
VTV-784

Accomplished painter and astronaut Alan Bean has worked since his return to Earth 29 years ago to portray the intensity and beauty of the world he visited. In his book, "Apollo: An Eyewitness Account" he shares his paintings while offering an insider's view of the Apollo mission.

Audience: Gen. Site: von Kármán Aud

Client: Michael Eastwood

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/13/1998 - 1:10:00 Producer: Savona

AVC-1998-224-1/4 **Galileo Educators Workshop**

Educators workshop for grades K-12 covering the topic of where water can be found in the solar system. Featuring speakers from Mars 98, Galileo, Lunar Prospector, with descriptions of classroom activities.

Audience: Edu.

Site: von Kármán

Client: L. Lowes

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/13/1998 - 1:02:00 Producer: Beck/Savona

AVC-1998-224-2/4 **Galileo Educators Workshop**
Educators workshop for grades K-12 covering the topic of where water can be found in the solar system. Featuring speakers from Mars 98, Galileo, Lunar Prospector, with descriptions of classroom activities.
Audience: Edu. Site: von Kármán
Client: L. Lowes
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/13/1998 - 1:21:00 Producer: Beck/Savona

AVC-1998-224-3/4 **Galileo Educators Workshop**
Educators workshop for grades K-12 covering the topic of where water can be found in the solar system. Featuring speakers from Mars 98, Galileo, Lunar Prospector, with descriptions of classroom activities.
Audience: Edu. Site: von Kármán
Client: L. Lowes
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/13/1998 - 1:07:00 Producer: Beck/Savona

AVC-1998-224-4/4 **Galileo Educators Workshop**
Educators workshop for grades K-12 covering the topic of where water can be found in the solar system. Featuring speakers from Mars 98, Galileo, Lunar Prospector, with descriptions of classroom activities.
Audience: Edu. Site: von Kármán
Client: L. Lowes
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/13/1998 - 0:51:00 Producer: Beck/Savona

AVC-1998-225-1/1 **1998 Mars Missions Science Briefing from NASA-HQ**
Briefing from NASA-HQ involving Mars 98 Orbiter and Lander with Deep Space 2 Mission. Participants Dr. Carl Pilcher Science Dir. Solar System Exploration NASA; John McNamee Mars Surveyor '98 Project Manager JPL; Dr. Richard Zurek Mars Surveyor '98 Project Scientist JPL; Sarah Gavit Deep Space 2 Project Manager JPL; Dr. Bruce Jakosky Planetary Scientist Univ. of Colorado Boulder. First 12:25 is Pre-roll.

Audience: Gen. News Resource Site: NASA-HQ
Client: PAO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/13/1998 - 0:58:36 Producer: Borst

AVC-1998-227-1/1 **10 Images From The Mars Orbiter Camera**
Mars Global Surveyor, Mars Orbiter Camera
KSC Video Roll Images
Images used to back up Mike Malin's presentation at KSC 12/7
through 12/10/98
Audience: Resource
Client: Ainsworth
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/03/1998 - 0:06:51 Producer: Dawson

AVC-1998-228-1/1 **1997-98 El Nino/La Nina update TOPEX/Poseidon**
El Nino/La Nina update images and animation of
TOPEX/Poseidon. Dec. 96 through Nov. 98
Audience: Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/1998 - 0:03:00 Producer: Dawson

AVC-1998-229-1/1 **Europa Fault - Simulated Flyover of Astypalaea Lines -Video File**
Eric DeJong animation
Audience: Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/1998 - 0:01:31 Producer: Dawson

AVC-1998-232-1/1 **Carbon Cycles on Mars, Earth & Venus: The role of a Biosphere**
This lecture discusses the considerations of land plants on
their possible role in the slowing of carbon dioxide growth
in the atmosphere and leading to global warming.
Speaker is William H. Schlesinger - A Professor of Botany at
Duke University.
Audience: Tech. Site: von Kármán Aud.
Client: M. Chahine
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/11/1998 - 1:15:00 Producer: Beck

- AVC-1998-233-1/1 **Mars Climate Orbiter Launch Coverage**
 VTV-786 Mars Climate Orbiter Launch Coverage via NASA-TV.
 Tape starts with Update at beginning and Launch at 20:36.
 Spectacular launch camera on first stage of rocket &
 replays.
 Audience: News Resource Site: KSC
 Client: Media Relations
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/11/1998 - 1:03:00
- AVC-1998-234-1/1 **Mars Climate Orbiter Pre Launch Press Conference**
 Speakers include:
 Dr. Ed Weiler, Ray Lugo, Rich Murphy, Dr. John McNamee, Dr.
 Ed Euler, Joel Tumbiolo
 Audience: News Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/09/1998 - 0:45:42 Producer: KSC
- AVC-1998-235-1/1 **Mars Global Surveyor Press Conference- "Mars Top 10 Images"**
 Speakers include:
 Joe Boyce, 1998 Mars Surveyor Project Scientist, Dr. Michael
 Malin, MGS P.I. Mars Orbiter Camera
 Audience: News Resource Site: KSC
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/09/1998 - 0:57:52 Producer: KSC
- AVC-1999-001-1/1 **Mars Polar Lander Pre-Launch Press Conference**
 Mars Polar Lander Pre-Launch Press Conference from Kennedy
 Space Center.
 Dr. Ed Weiler Associate Administrator for Space Sciences
 NASA; Ray Lugo, NASA Launch Manager; Rich Murphy, Delta
 Mission Director Boeing; John McNamee, Mars 98 Proj. Manager
 JPL; Sarah Gavit, Deep Space 2 Project Manager JPL; Dr. Ed
 Euler Lockheed Martin Proj. Man.; Joel Tumbiolo, Launch
 Weather Officer KSC.
 Audience: News Site: KSC
 Client: PIO
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 01/02/1999 - 1:00:00 Producer: Borst

- AVC-1999-002-1/3 **Mars Polar Lander Launch**
 Satellite downlink. T-120 to T-20 min.
 The Mars Polar Lander was launched on a Delta II launch vehicle from Launch Complex 17B at Cape Canaveral Air Station in Florida on January 3, 1999 at 20:21:10 UTC (15:21:10 EST).
 Audience: News Resource Site: Cape Canaveral
 Client:
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 01/03/1999 - 1:00:00 Producer: KSC
- AVC-1999-002-2/3 **Mars Polar Lander Launch**
 T-20 through T+40 min.
 Audience: News Resource Site: Cape Canaveral
 Client:
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 01/03/1999 - 1:00:00 Producer: KSC
- AVC-1999-002-3/3 **Mars Polar Lander Launch**
 Launch replays (includes a view from the first stage) plus interview with Dave Murrow and L.A. area news coverage by CBS, NBC, ABC and KCAL.
 Audience: News Resource Site: Cape Canaveral
 Client:
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 01/03/1999 - 0:30:00 Producer: KSC
- AVC-1999-004-1/1 **Stardust Video File - Update**
 Artist's concepts and animation of comets
 Stardust Animation from liftoff to recovery
 "B" Roll from Lockheed/Martin
 "B" Roll from KSC
 Interviews with Tsou and Brownlee.
 Audience: Resource
 Client: Murrill
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 01/08/1999 - 0:22:28 Producer: Dawson
- AVC-1999-005-1/1 **Stardust Mission Prelaunch Press Briefing**
 Overview with:
 Dr. Carl Pilcher, Science Dir., Solar System Investigations
 NASA-HQ;

Dr. Kenneth Atkins, Project Manager, JPL;
Joe Vellinga, Program Manager, Lockheed Martin; Dr. Donald
Brownlee, Principal Investigator, Univ. of Washington;
Dr. John Rummel, Planetary Protection Officer, NASA-HQ.
Audience: News Resource Site: NASA-HQ
Client: MRO, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/13/1999 - 1:06:00 Producer: NASA

AVC-1999-006-1/1 **The Science & Politics of Climate**
VTV-813 Professor Freeman Dyson lectures on the importance
of improving global climate models to more accurately
understand and predict global climate patterns.
Audience: Gen. Site: von Kármán
Client: M. Chahine
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/13/1999 - 1:07:00 Producer: John Beck

AVC-1999-008-1/1 **EMG Program Compilation for Stardust**
A series of educational programs produced by EMG on the
Stardust project. Each of the four segments are shortened
versions of the original 30 min. programs.
Audience: Edu. News Resource
Client: Whalen
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/21/1999 - 0:25:00 Producer: Beck

AVC-1999-010-1/1 **von Kármán Lecture Series: "Finding Clues to Our Cosmic Roots"**
Dr. Firouz Naderi gives lecture on the Origins program and
explains the many ways in which Origins technology will be
used to detect habitable planets.
Audience: Gen. Site: von Kármán
Client: E. Hayne
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/21/1999 - 1:15:00 Producer: Beck

AVC-1999-014-1/1 **Hydrobot Animation - Video File**
Animation of the deployment of the Hydrobot underwater
explorer as it dives beneath the ice covered ocean on
Europa.
Audience: Resource
Client: Jane Platt

Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/27/1999 - 0:07:00 Producer: Semerano

AVC-1999-015-1/1 **FY-2000 NASA Budget Briefing**
790 Satellite downlink of NASA budget briefing by Dan Goldin. Originated from NASA-HQ with questions from all centers.
Audience: News Site: NASA-HQ
Client:
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/01/1999 - 0:52:00 Producer: NASA-TV

AVC-1999-019-1/1 **"REACH" - Stardust Launch Video**
Short video showing edited footage of team members at work as well as Stardust animation.
CONTAINS COPYRIGHTED MATERIAL
DO NOT DUPLICATE WITHOUT CLIENT PERMISSION
Audience: Gen. Resource
Client: Ken Atkins
Master: BCAMsp
Audio 1: MOS 2: MOS
02/05/1999 - 0:04:10 Producer: Beck/Malmquist

AVC-1999-020-1/1 **Stardust L-1 Press Briefing**
Panel includes: Carl Pilcher, Ray Lugo, Rich Murphy, Ken Atkins, Joseph Vellinga, Martha Hanner, Joel Tumbiolo
Audience: News Resource Site: KSC
Client: Aimee Whalen
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/05/1999 - 1:01:00 Producer: NASA-TV

AVC-1999-021-1/1 **Stardust Launch (Postponement)**
T -5 minutes thru postponement and Safing of launch vehicle. Postponement due to voltage drop in one of the C Band transmitters located on the Delta II launch vehicle.
Audience: News Resource Site: KSC
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/06/1999 - 0:30:30 Producer: KSC

AVC-1999-022-1/1 **Stardust Launch Postponement Press Conference**
Panelists: Ray Lugo; Chris Walsh; Dr. Kenneth Atkins

Audience: Resource
Client: Watson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/16/1999 - 0:04:20 Producer: Dawson

AVC-1999-028-1/1 **Seawinds on QuikSCAT: Animation of Ocean Winds Measurement by S/C**

Expanded animation from Oct. 98. Animation of space craft only, no wind data animation.

Audience: Resource
Client: Gracy
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/19/1999 - 0:01:32 Producer: Wynne

AVC-1999-031-1/1 **WIRE Pre-Launch Press Briefing**

WIRE is Wide-Field Infrared Explorer.
Participants: Dr. Carol Lonsdale, Mgr., of WIRE Science Operations, JPL; Jim Watzin, Project Manager, GSFC; and Dr. Perry Hacking, Principal Investigator, JPL.

Audience: News Site: 186-Studio
Client: Media Relations
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/23/1999 - 0:30:51 Producer: Savona

AVC-1999-039-1/1 **NASA on the Cutting Edge: Small Bodies, Big Impacts - Cool Comets**
VTV-800

Comets are so cool, they're actually icy! As these cosmic snowballs approach the Sun, they turn into the beautiful celestial bodies we can see from Earth. Now, for the first time ever, a hi-tech NASA mission, Stardust, will capture comet dust samples and bring them back to Earth. The samples will give us new information about comets and help us understand the origins of our solar system. Take a journey with NASA into space as we explore the mysteries of comets and the secrets of our distant past.

Hosted by Kate Ferral, NASA.
Audience: Gen. Edu. Site: NASA-TV
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
Program 1
03/10/1999 - 0:30:00 Producer: Kate Ferrall

- AVC-1999-040-1/1 **NASA on the Cutting Edge: Small Bodies, Big Impacts-Awesome Asteroids**
 VTV-801 Asteroids get a lot of attention. It's no wonder - small ones continually pelt the Earth and a large one may have caused the extinction of the dinosaurs. But that's just part of their story. Space missions to orbit and map a near-Earth asteroid for the first time will help us discover more about these "minor planets," and could reveal clues about the formation of our solar system... Get answers to your questions about asteroids directly from the scientists keeping tabs on them. And, see a sneak preview of NASA's exciting plans to put a rover on an asteroid!
 Hosted by Kate Ferral, NASA.
 Audience: Gen. Edu. Site: NASA TV
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 Program 2
 03/11/1999 - 1:00:00 Producer: Kate Ferral
- AVC-1999-043-1/1 **Mars Global Surveyor High Gain Antenna Deployment Video File**
 Animation of the MGS High Gain Antenna Deployment followed by 3 recently returned images of the Martian Surface.
 Audience: JPL Resource Site: JPL
 Client: Mary Hardin
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 03/25/1999 - 0:01:44 Producer: Semerano
- AVC-1999-045-1/1 **NASA/Lakota Swap Star Knowledge - Video File**
 JPL'ers Richard Shope and Rick Yessayian share their knowledge with Chief Joseph Chasing Horse of the Lakota Nation. Chief Joseph intros us to the White Buffalo Calf and the hike up the holy mountain.
 Audience: Resource
 Client: Jane Platt
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 03/29/1999 - 0:14:00 Producer: Dawson
- AVC-1999-051-1/1 **Mars Images MOC2-106 through 109 - Video File**
 Mars Global Surveyor, Mars Orbiter Camera (MOC).
 MOC2-106, Margin of Lava Flow in Daedalia Planum
 MOC2-107, Ripples on Cratered Terrain North of Hesperia Planum
 MOC2-108, Martian Variety Exhibited by the Olympica Fossae

MOC2-109, East Tithonium Chasma Wall, Valles Marineris
Audience: Resource
Client: Hardin, Org. 182
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/07/1999 - 0:03:12 Producer: Dawson

AVC-1999-052-1/1 **Deep Space 1 Space Science Update**

Participants:
Dr. Peter Ulrich, Office of Space Science, NASA HQ;
Dr. Mare Rayman, Chief Mission Eng., JPL; Dr. Bob Beattie,
Chief Tech. Hughes Electron Dynamics;
Dr. Guy Man, Autonomy Technologist, JPL;
Dr. Faith Vilas, Space Scientist, JSC.
They discuss recent findings from DS-1 mission.
Audience: News Site: NASA HQ
Client:
Master: sVHS
Audio 1: Mono mix 2: Mono mix
04/06/1999 - 0:57:00

AVC-1999-054-1/1 **Mars Outreach Office - Mars Global Surveyor Mapping Mission**
VTV-809

In this noontime lecture Dr. Arden Albee, MGS
Project Scientist presents the latest scientific data about
Mars.
Q and A follows.
Audience: JPL Site: von Kármán Aud.
Client: Cathy Davis
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/09/1999 - 0:52:47 Producer: Savona

AVC-1999-055-1/1 **Mars Sample Return Briefing**
VTV-812

Bill O'Neil, Mark Adler, Rob Manning, Jake
Matijevic, Doug Caldwell, Stacey Weinstein and Tom Rivellini
discuss proposed future Mars Surveyor launches in 2003 &
2005, also the return of Mars samples to Earth in 2008.
Audience: Tech. JPL NASA Site: von Kármán Aud.
Client: Kathy Davis
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/12/1999 - 1:33:00 Producer: Greg Parrillo

AVC-1999-059-1/1 **von Kármán Lecture Series: "Developing Methods for Detecting Life"**
VTV-815

JPL Geologist, Pamela Conrad describes JPL's role
developing methods for life detection - methods that can be

used to investigate samples returned from Mars or other locations, and eventually to be used for measurements and life detection on remote places.

Audience: Gen. Site: von Kármán Aud.

Client: Eric Hayne

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/15/1999 - 0:58:00 Producer: Gary Savona

AVC-1999-061-1/1

CID - Controlled Impact Demonstration

Crash of a 720 aircraft at Edwards Air force Base to test AMK fuel experiments.

Various impact views - mainly interior

Photographic coverage of the test

FAA report - CID version 3/26/85

Audience: Resource

Client: Dawson

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

03/26/1985 - 0:37:48 Producer: Wynne

AVC-1999-062-1/1

FIDO - Video File

The Mars rover called FIDO -- Field Integrated Design and Operations -- tested in the Mojave Desert by scientists to help them figure out how to use the kinds of instruments the next Mars rovers will need to fetch the most scientifically interesting rocks. FIDO is designed to test the advanced technology of the Athena flight rover and science payload that will be launched as part of NASA's Mars Sample Return missions in 2003 and 2005.

Interviews with Dr. Raymond Arvidson and Dr. Eric Baumgartner.

Audience: Resource

Client: Hardin

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/27/1999 - 0:10:00 Producer: Beck

AVC-1999-065-1/1

The Stardust Mission: What Will We Find?

Stardust Mission Manager Dr. Tom Duxbury gives overview of what to expect in the upcoming Stardust/Wild-2 encounter and explains how it will return a comet sample back to Earth.

Audience: Gen. JPL Site: von Kármán Aud.

Client: SESPD

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/06/1999 - 0:59:00 Producer: Beck

AVC-1999-066-1/4
VTV-826

Planning The Cassini Mission Educators Workshop

Shannon McConnell discussed Jupiter Flyby Overview. Stephen Edberg discussed Cassini Mission Overview. Dr. Kevin Grazier discussed Jupiter Science Objectives. Dr. Brian Rush discussed Mission Planning. John Essmiller discussed Cassini Spacecraft.

Audience: Edu. JPL Site: von Kármán Aud.

Client: Shannon McConnell

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/07/1999 - 1:09:00 Producer: Parrillo

AVC-1999-066-2/4
VTV-826

Planning The Cassini Mission Educators Workshop

Part 2 of 4

Audience: Edu. JPL Site: von Kármán Aud.

Client: Shannon McConnell

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/07/1999 - 1:28:00 Producer: Parrillo

AVC-1999-066-3/4
VTV-826

Planning The Cassini Mission Educators Workshop

Part 3 of 4

Audience: Edu. JPL Site: V.K. Aud.

Client: Shannon McConnell

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/07/1999 - 1:27:00 Producer: Parrillo

AVC-1999-066-4/4
VTV-826

Planning The Cassini Mission Educators Workshop

Part 4 of 4

Audience: Edu. JPL Site: V.K. Aud.

Client: Shannon McConnell

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/07/1999 - 1:09:00 Producer: Parrillo

AVC-1999-067-1/1

Clouds Near Mars' North Pole - Video File

Animation of Mars Global Surveyor images of Mars' North Pole area highlighting cloud movement. Images from Malin Space Science Systems (MSSS). Images were also collected by the Hubble Space Telescope.

Audience: Resource

Client: Hardin

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
05/12/1999 - 0:03:30 Producer: Dawson

AVC-1999-069-1/1 **von Kármán Lecture Series: "Technologies of the Future--Today"**
VTV-827

Mike Sander says when JPL-managed missions need specific technologies and instruments to enable their science goals, they turn to JPL's Technology Applications Program, which creates new technologies at the highest level of excellence, which in turn is used by U.S. industry.

Audience: Gen. Site: von Kármán Aud.

Client: Eric Hayne

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/20/1999 - 1:01:56 Producer: Gary Savona

AVC-1999-073-1/1 **NASA Space Science Update - First Global 3D Views of Mars by MGS**

Results of Mars Global Surveyor Laser Altimeter. Speakers: Jim Zimbelman-Planetary Geologist Smithsonian Institute, Dr. John Grant-Office of Space Science NASA HQ, Dr. Maria Zuber-MOLA Principal Invest. MIT, Dr. David Smith-MOLA Principal Invest. NASA GSFC.

Audience: News Resource

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/27/1999 - 0:49:12

AVC-1999-075-1/1 **MOLA Animation - Global 3D Views of Mars by MGS**

Mars Orbiter Laser Altimeter (MOLA) animation only taken from AVC-1999-073 "NASA Space Science Update - First Global 3D Views of Mars". Data from Mars Global Surveyor (MGS).

Audience: Resource

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/27/1999 - 0:08:00 Producer: Borst

AVC-1999-076-1/1 **NCI Workshop Opening Remarks by Dan Goldin**

NASA Director Dan Goldin opening remarks at the NASA/ National Cancer Institute Workshop at the Pasadena, Ca. Double Tree Hotel on June 2, 1999.

Audience: Resource

Client: Ray Costello, Org. NASA

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/02/1999 - 0:35:00 Producer: Beck

- AVC-1999-079-1/1 **QuikSCAT Prelaunch - NASA TV Video File**
 Animation of QuikSCAT S/C
 Animation of Spinning Earth with Data
 "B" Roll at Ball Aerospace
 Interview with Jim Graf
 Interview with Dr. Michael Frelich
 Audience: News Resource
 Client: Ainsworth
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 06/16/1999 - 0:08:00 Producer: NASA TV
- AVC-1999-082-1/2 **QuikSCAT Launch**
 NASA TV launch coverage from Vandenburg AFB.
 Start of Program through L-10 Minutes.
 Audience: Tech. JPL Resource Site: Vandenburg
 Client: Media Relations, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 06/19/1999 - 1:33:00 Producer: Ziats
- AVC-1999-082-2/2 **QuikSCAT Launch**
 NASA TV launch coverage from Vandenburg AFB.
 Launch at 10:40 sec. into tape.
 includes Post Separation Conference
 Audience: Tech. JPL Resource Site: Vandenburg
 Client: Media Relations, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 06/19/1999 - 0:46:00 Producer: Ziats
- AVC-1999-086-1/1 **Cassini Flyby of Venus and Saturn - Video File**
 Animation of Cassini fly-by of Venus (1st and 2nd fly-bys of Venus) and fly-by of Saturn, S/C and then S/C with Huygens' Probe.
 Audience: Resource
 Client: Mary Beth Murrill
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 06/22/1999 - 0:02:59 Producer: Savona
- AVC-1999-087-1/1 **QuikSCAT L-1 Press Conference**
 NASA-TV Downlink of Launch minus one day press conference originated from Vandenberg AFB.
 Participants:

Bruce Buckingham, NASA PAO, KSC;
Lt. Col. Joe Hogler, USAF Titan II Launch Dir.;
Ray Lugo, NASA Mission Dir, KSC;
James Graf, QuikSCAT Proj. Manager;
Capt. Eric Barella, USAF Launch Weather Officer.
Audience: News Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/21/1999 - 0:18:00 Producer: NASA TV

AVC-1999-089-1/1 **MGS Images of Mars 6/23/99 - Video File**
Animations of latest images from Malin Space Science Systems
(MSSS) of Mars.
Mars Orbiter Camera (MOC) on Mars Global Surveyor
MOC2-135, From Mars with Love
MOC2-131, A Martian "Monument Valley"--Mesas on the Elysium
Plains
MOC2-136, Utopia Cracks
MOC2-134, COLOR: Regional View of the Tharsis Volcanoes
MOC2-133, North Nilosyrtis Mensae
MOC2-132, Big, Dark Dunes Northeast of Syrtis Major
Audience: Resource
Client: Mary Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/23/1999 - 0:04:21 Producer: Dawson

AVC-1999-090-1/2 **"Cassini Revisits Venus"**
VTV-831
A Conference for Educators on the discovery of
Venus as Cassini-Huygens makes its second and final visit to
Earth's clouded twin planet.
Audience: Edu. JPL Site: von Kármán Aud.
Client: McConnell
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/24/1999 - 1:15:00 Producer: Greg Parrillo

AVC-1999-090-2/2 **"Cassini Revisits Venus"**
VTV-831
A Conference for Educators on the discovery of
Venus as Cassini-Huygens makes its second and final visit to
Earth's clouded twin planet.
Audience: Edu. JPL Site: von Kármán Aud.
Client: McConnell
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

06/24/1999 - 1:19:00 Producer: Greg Parrillo

AVC-1999-091-1/1 **QuikSCAT Launch - Short Version**
From T-1:00 Min. through 2nd stage engine separation.
Audience: Gen. Edu. JPL Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/19/1999 - 0:07:32 Producer: Ziats

AVC-1999-092-1/1 **Mars Global Surveyor Images 6/30/99 - Video File**
Images from Malin Space Science Systems (MSSS) of Mars. Mars Orbiter Camera (MOC) on Mars Global Surveyor (MGS).
MGS MOC2-137b, MOC2-138b, Providing Clues For Future Landing Site Selection.
Also a 3D Image Images of Nepenthes Mensae and Amenthes Rupes.
Audience: Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/29/1999 - 0:02:26

AVC-1999-094-1/1 **Mars Global Surveyor MOC Images - 7/9/99 - Video File**
Images from Malin Space Science Systems (MSSS) of Mars. Mars Orbiter Camera (MOC) on Mars Global Surveyor (MGS).
Giant Martian Dust Devils
Geological Features Defy Conventions
New Cydonia Pictures
Audience: Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/09/1999 - 0:03:10 Producer: Dawson

AVC-1999-101-1/2 **von Kármán Lecture Series: "Mapping Earth in 3-D"**
VTV-833
SRTM Project Scientist, Dr. Michael Kobrick gives a lively inspired talk on the Shuttle Radar Topography Mission (SRTM) which will map 80% of the Earth's surface.
Q and A follows the presentation.
Audience: Gen. Site: von Kármán Aud.
Client: Heather Snively
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT - 01:58:25
07/15/1999 - 1:30:25 Producer: Gary Savona

- AVC-1999-101-2/2 **von Kármán Lecture Series: "Mapping Earth in 3-D"**
 VTV-833 Part 2 of 2
 Audience: Gen. Site: von Kármán Aud.
 Client: Heather Snively
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 TRT - 01:58:25
 07/15/1999 - 0:28:00 Producer: Gary Savona
- AVC-1999-102-1/1 **20 Mars Images from MGS 7/16/99 - Video File**
 20 Malin Space Science Systems (MSSS) images from the Mars Global Surveyor to be shown at the week long Mar's Symposium to held at Caltech the week of July 19th to 23rd.
 Audience: Resource
 Client: Hardin
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 07/16/1999 - 0:09:00 Producer: Dawson
- AVC-1999-105-1/1 **Fast Spinning Asteroid 1998 KY26 - Video File**
 Animation of three (3) still frames of asteroid 1998 KY26. Asteroid nicknamed "Fast Spinning".
 Audience: Resource
 Client: Ainsworth
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 07/22/1999 - 0:00:30 Producer: Beck
- AVC-1999-110-1/1 **JPL Infrared Camera & "Corpse Flower" - Video File**
 Audience: Gen. Site: Huntington Lib.
 Client:
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 08/02/1999 - 0:04:00 Producer: Beck
- AVC-1999-111-1/1 **Deep Space 1 Space Science Update**
 VTV-834 In this press briefing, scientists explain the latest findings from Deep Space 1's encounter with asteroid, Braille. Presenters include: Marc Rayman, Robert Nelson, Larry Soderblom and Eileen Ryan.
 Playback of supporting visuals follow briefing.
 Audience: News Site: von Kármán Aud.
 Client: PAO
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix

TRT - 46:51 this includes supporting visuals
08/03/1999 - 0:42:21 Producer: Savona

AVC-1999-114-1/1 **First Data Comes In From SeaWinds on QuikSCAT - Video File**

First data from the SeaWinds on QuikSCAT Mission is animated and transferred to video.

Animation of spinning globe w/ data

Animation close up of Typhoon Olga

2 still images of Atlantic and Pacific Oceans

Animation of S/C and Interviews

Interviews with Dr. Timothy Liu and Jim Graf

Audience: Resource

Client: Ainsworth

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/05/1999 - 0:10:00 Producer: Beck

AVC-1999-116-1/1 **Underwater Volcanic Vent Mission Project - Video File**

Testing of new underwater equipment at the Monterey Bay Kelp Tank.

Audience:

Client:

Master:

Audio 1: Mono mix 2: Mono mix

08/04/1999 - 0:07:45 Producer: Dawson/Beck

AVC-1999-117-1/1 **Mars: An Active Planet Today? - Video File**

VTV-835

Mars Global Surveyor

Mars Orbiter Camera (MOC) animations of data.

Martian Weather and Surface Changes

Dunes, Frost, Winds, Dust Devils, Clouds, Storms and Climate

Audience: NASA

Client: Malin Space Science

Master: BCAMsp Submaster: DVCPro50

Audio 1: Silent 2: Silent

08/10/1999 - 0:11:23 Producer: Eric DeJong

AVC-1999-121-1/1 **Cassini/Huygens - Video File**

Contains Cassini Venus/Earth/Jupiter flyby animation, Cassini launch footage, Huygens Probe descent in Titan.

Audience: News

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/11/1999 - 0:10:30 Producer: Beck/Murrill

- AVC-1999-125-1/6 **"Earth's A Planet Too"--A Conference for Educators**
A Teacher's Conference, held in von Kármán auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Dr. Miner, Cassini Science Advisor, gives an overview of the Cassini-Huygens Mission. Dr. Smith, Cassini MAG Team, follows with a talk about Magnetospheres.
Audience: Gen. Edu. Resource Site: JPL
Client: Shannon McConnell
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/17/1999 - 1:24:00 Producer: Semerano
- AVC-1999-125-2/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Stephen Edberg's talk is entitled, "Cow Magnet Planet" which is followed by a presentation by Annie Richardson, SRTM Outreach, focusing on the Shuttle Topography Mission.
Audience: Gen. Edu. Resource Site: JPL
Client: Shannon McConnell
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/17/1999 - 0:58:00 Producer: Semerano
- AVC-1999-125-3/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Tom Nolan of Earth Science Outreach gives a talk about Oceanography from Space. The talk is followed by Steve Edberg and Shannon McConnell discussing Educational Activities.
Audience: Gen. Edu. Resource Site: JPL
Client: Shannon McConnell
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/17/1999 - 1:33:00 Producer: Parrillo
- AVC-1999-125-4/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium, introduced by Shannon McConnell, Cassini Program Outreach. Steve Edberg and Shannon McConnell discuss Educational Activities. Jeff Plaut gives a talk about Geology from Space.
Audience: Gen. Edu. Resource Site: JPL
Client: Shannon McConnell

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/17/1999 - 0:08:00 Producer: Parrillo

AVC-1999-125-5/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium,
introduced by Shannon McConnell, Cassini Program Outreach.
Shannon gives a talk about geography lessons when using
Radar data. Steve Edberg & Shannon show how to do
"Topography in a box". Dr. Bonnie Buratti discusses the
Moon.

Audience: Gen. Edu. Resource Site: JPL
Client: Shannon McConnell
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/17/1999 - 1:33:00 Producer: Parrillo

AVC-1999-125-6/6 **"Earth's A Planet Too"--A Conference for Educators**
A teachers conference, held in von Kármán Auditorium,
introduced by Shannon McConnell, Cassini Program Outreach.
Dr. Richard Zurek discusses Atmospheric Studies. This is a
continuation of his talk from part 5 of the tapings.

Audience: Gen. Edu. Resource Site: JPL
Client: Shannon McConnell
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/17/1999 - 0:08:00 Producer: Parrillo

AVC-1999-127-1/1 **MOC Images 165 and 173a&b - Video File**
Animation of MOC images 165 and 173b,
still images of MOC 165 and 173a.
Images of a spring on Mars plus boulders and slopes in a crater
in Aeolis.

Audience: Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/19/1999 - 0:02:30 Producer: Dawson

AVC-1999-128-1/2 **Cassini Friends & Family**
Cassini-Huygens Earth Swing-By. Family & Friends share in
the excitement of the Cassini Spacecraft as it swings by
Earth. This is the last time that Cassini will fly by the
earth before it approaches Saturn.

Audience: JPL NASA Site: von Kármán Aud.
Client: Fernando Peralta

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 2:24:00
08/17/1999 - 1:20:00 Producer: Parrillo

AVC-1999-128-2/2 **Cassini Friends & Family**
Part 2 of 2
Audience: JPL NASA Site: von Kármán Aud.
Client: Fernando Peralta
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT 2:24:00
08/17/1999 - 1:04:00 Producer: Parrillo

AVC-1999-129-1/1 **Deep Space 1 - Video File**
Animation of S/C passing asteroid and interviews with Marc
Rayman and Robert Nelson.
Audience: News Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/03/1999 - 0:05:00

AVC-1999-131-1/1 **Space Science Update - Mars Polar Lander Landing Site Selection**
Presenters: Dr. Richard Zurek, Proj. Scientist (JPL)
Joe Boyce, Mars Surv. 98 Prog. Scientist (NASA HQ)
Dr. Sam Thurman, Mission Mgr., (JPL)
Dr. Suzanne Smrekar, Deep Space 2 Proj. Scientist (JPL)
Audience: Edu. Tech. NASA Site: NASA HQ
Client: Media Relations, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/25/1999 - 0:50:00 Producer: NASA HQ (Borst)

AVC-1999-132-1/1 **Exploration Technology Rover - FIDO**
A yearly update of the activities and tests of the Field
Integration, Design, and Operations rover known as FIDO.
Audience: Tech. Site: Silver Lake, CA
Client: Dr. Eric Baumgartner, Org. 354
Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
08/28/1999 - 0:07:46 Producer: Savona

AVC-1999-133-1/1 **Welcome to Outer Space - 1999 single-screen version**
VTV-428
Single screen version of the three-screen video
presentation shown in von Kármán Auditorium. "Welcome to

Outer Space", gives a fast-paced overview of the history of JPL, current missions and what the future may hold.

Narrated by Jodie Foster.

Audience: Gen. Edu. JPL News Resource Site: JPL

Client: Steve Bridges, Org. 182

Master: BCAMsp Submaster: BCAMsp

Audio 1: Stereo mix 2: Stereo mix

08/26/1999 - 0:20:48 Producer: Semerano/Savona

AVC-1999-134-1/1 **The '97-'99 El Nino/La Nina, TOPEX/Poseidon Animations**

Animated images from the TOPEX/Poseidon satellite altimeter covering the El Nino/La Nina period. Animation covers Dec 3 '96 - June 18 '99.

Audience: Gen. Resource

Client: Lee Fu, Org. 3237

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/29/1999 - 0:02:25 Producer: Jim Lambert

AVC-1999-136-1/1 **SeaWinds Video File**

SeaWinds data collection b-roll and interview with Dr. David Long.

Audience: Gen. NASA News Resource

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/30/1999 - 0:07:30 Producer: Chavez

AVC-1999-142-1/1 **von Kármán Lecture Series: "Twenty Years of Discovering Jupiter"**

VTV-841

This year, 1999, marks the 20th anniversary of the Voyager flybys of Jupiter and the 10th anniversary of Galileo's deployment from the Shuttle Atlantis. Speakers include: Jim Erickson, William O'Neil, Dr. Ed Stone, Dr. Torrence Johnson and Dr. Andy Ingersoll; and David Seidel moderates.

Audience: Gen. Site: von Kármán Aud.

Client: Eric Hayne

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/16/1999 - 1:14:58 Producer: Savona

AVC-1999-144-1/1 **Mars Climate Orbiter - Video File**

Animation of MCO and Mars Polar Lander

Launch of MCO

"B" Roll of MCO at Kennedy

Interview with Dr. Richard Zurek

Interview with Dr. Sam Thurman
Audience: Resource
Client: Mary Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/17/1999 - 0:16:01 Producer: Savona

AVC-1999-145-1/1 **Mars Global Surveyor - Mars Orbiter Camera Images 9/21/99 -Video File**

Still and animated images from the MGS and MOC camera system of the Lasswitz Crater area from both 1997 and 1999.
Still and animation of an image of the Mysterious Martian Mountains of Mitchel
Audience: Resource
Client: Mary Hardin
Master: BCAMsp Submaster: DVCPRO50
Audio 1: Mono mix 2: Mono mix
09/21/1999 - 0:06:00 Producer: Dawson

AVC-1999-147-1/2 **Mars Climate Orbiter - Orbit Insertion Event**

Live feed from bldg. 264-MSA & Lockheed Martin in Denver. Commentary from David Seidel.
Audience: Site: JPL-264-MSA
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/23/1999 - 1:00:00 Producer: Beck

AVC-1999-147-2/2 **Mars Climate Orbiter - Orbit Insertion Event**

Live feed from bldg. 264-MSA & Lockheed Martin in Denver. Commentary from David Seidel.
Note: MCO failed to achieve orbit.
Audience: Site: JPL-264-MSA
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/23/1999 - 0:20:00 Producer: Beck

AVC-1999-148-1/1 **Mars Climate Orbiter Post-Arrival Briefing**

Frank O'Donnell - Moderator
Panel includes:
Dr. Carl Pilcher-Science Dir., Solar System Exploration, NASA HQ
Richard Cook-Project MGR. Mars Surveyor Oper., JPL
Dr. John McNamee-Mars '98 Development Mgr., JPL
Audience: Gen. News Site: von Kármán

Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/23/1999 - 0:42:05 Producer: Beck

AVC-1999-150-1/1 **MGS MOC Release No. MOC2-179, 27 Sept. 1999 - Video File**

Wide angle view of Arsia Mons Volcano on Mars.
Static image and then an animated zoom in and zoom out of
Volcano.

Audience: Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/24/1999 - 0:02:30 Producer: Dawson

AVC-1999-151-1/1 **Sulfuric Acid On Europa - Video File**

Image of Europa taken by the near infrared mapping
spectrometer on NASA's Galileo Spacecraft.

Audience: Gen. JPL NASA
Client: Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/28/1999 - 0:04:00 Producer: Parrillo

AVC-1999-156-1/1 **Galileo Flyby of Io - Video File**

Galileo Flyby of Io, Orbit 1-24 animation
3 still photos of Io
Highlights of the Galileo Mission in animation and
real images

Audience: News Resource
Client: Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/06/1999 - 0:10:00 Producer: Semerano

AVC-1999-161-1/1 **MGS MOC Release #MOC2-185 - Video File**

Mars images: MOC2-185 18 October 1999, The Terrain of
Margaritifer Chaos. Jumbled and broken terrain known as
chaotic terrain.

Audience: News
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/08/1999 - 0:01:15 Producer: Dawson

AVC-1999-164-1/1 **MGS MOC Release #MOC2-186 - Video File**

Mars images from Mars Global Surveyor
Possible rootless cones or pseudo craters on Mars.
MGS MOC Release No. MOC2-186, 22 October 1999.
Small cone-shaped structures on lava flows in southern
Elysium Planitia and in the Northern hemisphere of the red
planet Mars.
Audience: News
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/18/1999 - 0:01:15 Producer: Dawson

AVC-1999-165-1/1 **The 1997-1999 El Nino/La Nina - Video File**

Observation from Topex/Poseidon.
Dec. 3, 1996 thru June 18, 1999.
Audience:
Client: Ainsworth
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/29/1999 - 0:01:56 Producer: Parrillo

AVC-1999-166-1/1 **Planetary Dexterous Manipulators FY'99**

A summary of accomplishments of the PDM task in fiscal year
1999 - 6:24
An unedited segment on autonomous multiple sample
acquisition - 9:38
Audience: Tech. JPL Site: JPL
Client: Hari Das, Org. 345
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
TRT - 16:13
10/28/1999 - 0:16:13 Producer: Savona

AVC-1999-169-1/1 **MGS/MOC Solar Eclipse on Mars - Video File**

The shadow of the Martian moon, Phobos. Three color filter
images of the shadow of Phobos as it crosses between the Sun
and Mars.
Audience: News
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/01/1999 - 0:02:00 Producer: Dawson

AVC-1999-170-1/1 **Hawaiian-Style Volcanic Features on Io - Video File**

New Galileo images of the Prometheus volcano on Jupiter's IO
reveal two hot spots and a volcanic caldera seven times

larger than Kilauea.
NIMA infrared images of the caldera
Audience: News Resource
Client: Platt
Master: BCAMsp Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
11/02/1999 - 0:02:00 Producer: Dawson

AVC-1999-171-1/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast. Introduced by Rhonda Hines. Topics presented
by Rudi Danner, Paul Rosen and Steve Edberg.
Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/29/1999 - 1:33:00 Producer: Semerano/Savona

AVC-1999-171-2/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast with Steve Edberg.
Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/29/1999 - 0:03:00 Producer: Semerano/Savona

AVC-1999-171-3/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast. Topics presented by Steve Edberg and Rudi
Danner.
Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/29/1999 - 1:30:00 Producer: Semerano/Savona

AVC-1999-171-4/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast. Topics presented by Gerard Van Belle and Mike
Klein.
Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/29/1999 - 1:11:00 Producer: Semerano/Savona

AVC-1999-171-5/5 **"Light, Waves and Interference" Teachers Workshop**
Live Webcast. Topics presented by Annie Richardson and
Steve Edberg.

Audience: Edu.
Client: Rhonda Hines
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/29/1999 - 1:10:00 Producer: Semerano/Savona

AVC-1999-173-1/1 **MGS/MOC Image # MOC2-188, 8 November 1999 - Video File**

Mars images: Close up view of giant impact crater...three times the size of the earth's well known Meteor Crater in Arizona.

Audience: News Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/08/1999 - 0:01:00 Producer: Dawson

AVC-1999-175-1/1 **Mars Climate Orbiter Investigation Board News Briefing**

VTV-846

Board Chairman Art Stephenson, Director of the Marshall Space Flight Center, Dr. Ed Weiler and Dr. Stone participated in the news conference.

Audience: Edu. Tech. NASA Site: NASA HQ
Client: NASA HQ, Org. NASA
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/10/1999 - 1:07:17 Producer: NASA HQ

AVC-1999-176-1/1 **Mars Polar Lander and Deep Space 2 Composite - Video File**

Composite tape includes elements from:
AVC-1998-112 Mars: The Past as Prolog
AVC-1999-075 MOLA Animation - 3D Views of Mars
AVC-1999-133 Welcome to Outer Space
AVC-1999-002 Mars Polar Lander Launch
AVC-1997-168 Mars Surveyor '98 Animation
AVC-1998-203 DS2 Microprobe Mission to Mars
AVC-1998-216 Mars Polar Lander and Deep Space 2
AVC-1999-131 SSU-Mars Polar Lander Landing Site Selection

Audience: Resource
Client: Hardin
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/10/1999 - 0:40:00 Producer: Dawson

AVC-1999-178-1/1 **MGS/MOC Image of Antarctic-Style Polygons**

Mars image released 11/15/99 show a terrain south of Hellas that is covered with ant arctic-style polygons. Indicating ground ice in the near subsurface.

Audience: News Resource
Client: Hardin / Dawson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/12/1999 - 0:01:00

AVC-1999-182-1/1 **NASA TERRA Pre-Launch Briefing**
Briefing describing upcoming TERRA launch from Vandenberg AFB. Includes animations covering spacecraft activities and science. Dr. Ghassem Asrar-Assoc. Admin. Office of Space Science; Dr. Michael King-EOS Sr. Proj Scientist; Kevin Grady-TERRa Proj. Man.; Dr. Yoram Kaufman-TERRA Proj Scientist; Dolly Perkins Dep. Assoc. Dir. EOS Operations.
Audience: Tech. Site: NASA-HQ
Client: FOD, Org. 182
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/23/1999 - 0:58:00 Producer: Borst

AVC-1999-183-1/1 **MGS/MOC Layers of the South Polar Layered Deposits - Video File**
Mars images: MGS/MOC Release No. MOC2-190, 22 November 1999. Images of the "South Polar Layered Deposits" on which the Mars Polar Lander will touch down on December 3, 1999.
Audience: News Resource
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/23/1999 - 0:01:10 Producer: Dawson

AVC-1999-184-1/1 **Mars Polar Lander & Deep Space 2 Mission Overview Briefing, 12:00 Noon**
Includes an overview of mission activities; technology of Mars Polar Lander and Deep Space 2; and an initial status report from trajectory correction #4, which is scheduled to have taken place at 10 a.m.
Presenters: Richard Cook, Mars Polar Lander Project Manager (Operations), JPL
Dr. John McNamee, Mars Polar Lander Project Manager (Development), JPL
Dr. Sam Thurman, Mars Polar Lander Flight Operations Manager, JPL
Sarah Gavit, Deep Space 2 Project Manager, JPL
Audience: JPL News Site: JPL/von Kármán
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

11/30/1999 - 0:59:00 Producer: Savona

AVC-1999-185-1/1 **"Mars: the Mysterious Red Planet" -Background Briefing, 12/01/99**

Dr. Dan McCleese, Chief Scientist of JPL's Mars Exploration Prog., describes before a live audience, why and how we persist in our most ambitious and difficult space adventure: to explore the mysteries of Mars.

Audience: Tech. JPL Site: JPL/von Kármán

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/01/1999 - 0:27:35 Producer: John Beck

AVC-1999-186-1/1 **Mars Polar Lander Science Briefing, 12/01/99 - 10:00 AM**

JPL Media Relations Moderator: Mary Hardin

Presenters:

Dr. Richard Zurek, Project Scientist, Mars Polar Lander, JPL;

David Paige, Principal Investigator, Mars Volatiles and Climate Surveyor (MVACS), University of California, Los Angeles;

Dr. Michael Malin, Principal Investigator, Malin Space Sciences Systems, Inc., San Diego;

Dr. Slava Linkin, Principal Investigator, LIDAR Instrument, Space Research Institute, Russia;

Dr. Sue Smrekar, Project Scientist, DS2 Microprobes, JPL.

Audience: JPL NASA News Site: JPL/von Kármán

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/01/1999 - 1:07:00 Producer: Savona

AVC-1999-187-1/1 **"The Search for Water, the Search for Life" - Background Briefing**

Water and its role in the possible development of life in niches throughout the solar system.

Moderator: Dr. Pamela Conrad, JPL

Panelists: Dr. Ken Nealson, JPL Astrobiology Unit; Dr.

Michael Meyer, DS2 Program Scientist, NASA Hq; Dr. Jonathan

Lunine, Prof. Univ. of Arizona.

Audience: JPL NASA News Site: JPL/von Kármán

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/01/1999 - 0:30:00 Producer: Lance Webster

AVC-1999-188-1/1 **Mars Polar Lander Landing Site Science Briefing, 12/2/99 - 10:00 AM**

A briefing on landing site, including observations from instruments on the currently orbiting Mars Global Surveyor. Moderator: Dr. Richard Zurek, Project Scientist, Mars Polar Lander, JPL.

Panelists:

Dr. David Paige, Principal Investigator, Mars Volatiles and Climate Surveyor (MVACS), University of California, Los Angeles;

Dr. Michael Malin, Principal Investigator, Mars Descent Imager, Malin Space Science Systems Inc., San Diego;

Dr. David Smith, Principal Investigator, Mars Global Surveyor's Mars Orbiter Laser Altimeter (MOLA), Goddard Space Flight Center, Greenbelt, Maryland;

Dr. Bruce Murray, Science Team Member, DS2 Microprobes, California Institute of Technology;

Media Relations Emcee: Mary Hardin

Audience: JPL NASA News Site: JPL/von Kármán

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix j

12/02/1999 - 1:13:00 Producer: Savona

AVC-1999-189-1/1 **Mars Polar Lander Science Briefing, 12/2/99 - 12:00 Noon**

Reported on the activation of the command sequence on the spacecraft that will control all entry, descent & landing activities. In addition, a discussion of possible mission contingencies.

Moderator: Frank O'Donnell, Media Relations Manager, JPL.

Panelists:

Dr. Sam Thurman, Mars Polar Lander Flight Operations Manager, JPL;

Richard Cook, Mars Polar Lander Project Manager (Operations), JPL;

Sarah Gavit, Deep Space 2 Project Manager, JPL.

Audience: JPL News Site: JPL/von Kármán

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/02/1999 - 1:05:30 Producer: Savona

AVC-1999-190-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/3/99 - 9:00 AM**

Moderator: Frank O'Donnell

Panelists:

Michael Watkins, JPL/Caltech Navigation & Mission Design Manager;

Richard Cook, Mars Polar Lander Project Manager;

Dr. Sam Thurman, Mars Polar Lander Flight Operations
Manager;
Sarah Gavit, Deep Space 2 Mars Microprobe Project Manager.
Audience: JPL NASA News Site: JPL/von Kármán
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/03/1999 - 0:52:00 Producer: Savona

AVC-1999-191-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/3/99 - 1:30 PM**

Richard Cook discussed lack of data and the next opportunity
for communication from the spacecraft.

Moderator:

Frank O'Donnell, JPL Media Relations Manager

Presenter:

Richard Cook, Mars Polar Lander Project Manager
(Operations), JPL

Audience: JPL NASA News Site: JPL/von Kármán

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/03/1999 - 0:15:00 Producer: Savona

AVC-1999-192-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/3/99 - 10:40 PM**

Discussed lack of communications with Mars Polar Lander, DS2
and ground controllers.

Moderator: Mary Hardin, JPL Media Relations

Panelists:

Richard Cook, Mars Polar Lander Project Manager;
Sarah Gavit, Deep Space 2 Mars Microprobes Project Manager;
Dr. David Paige, Principal Investigator, Mars Volatiles and
Climate Surveyor (MVACS), University of California, Los
Angeles;

Dr. Sue Smrekar, Project Scientist DS2 Microprobes, JPL.

Audience: JPL NASA News Site: JPL/von Kármán

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/03/1999 - 0:34:00 Producer: Savona

AVC-1999-193-1/2 **Mars Polar Lander/DS2 COMMENTARY, 12/3/99 - 7:30 PM**

Host: Dr. Richard Terrile

Guests:

5:22:13 - Sarah Gavit

10:59:28 - Andy Stone

16:18:27 - Dr. Edward Stone & Tom Gavin

17:24:04 - Tom Rivellini
Audience: JPL NASA News Resource Site: JPL/Bldg. 264
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/03/1999 - 1:13:00 Producer: Beck

AVC-1999-193-2/2 **Mars Polar Lander/DS2 COMMENTARY, 12/3/99 - 7:30 PM**

Host: Dr. Richard Terrile
00:05:19 - Operations Engineering (JPL Mission Control
(264-2nd Floor)
01:05:27 - Dr. Rich Terrile
01:21:23 - NASA/JPL Graphics
02:50:54 - Sarah Gavit
04:20:25 - Sarah Gavit
05:56:00 - Dr. Rich Terrile
06:12:03 - Sara Gavit
08:10:17 - Dr. Rich Terrile
08:48:09 - Mission Control, Various Shots & Staff
09:13:10 - " " "
11:45:08 - Tracking Station announcement - NO SIGNAL,
continue to look.
11:59:02 - Flight Operations Staff
17:15:20 - Announcement - JPL Lab
17:23:09 - Copy Conformation
17:41:28 - TS-2 Announcement
18:10:20 - TS2-OPT's Announcement
18:23:23 - Copy confirmation(JPL Lab)
18:32:27 - Dr. Terrile, JPL - Mike Malin and signal
opportunity search
19:18:07 - MPLA Announcement, search pattern
19:35:05 - MPLA Announcement - 30-40 points
19:49:17 - Dr. Terrile - Raster Scan, 10 positions will end
search at 9:32 PST
20:36:06 - Kerry Lewis - JPL
20:56:20 - Intro Kerry Lewis (DS2) JPL
21:12:28 - Dr. Rich Terrile - Mission Support Items
21:53:26 - " " - Misc. descriptive items
25:53:26 - Dr. Stone - JPL
26:46:09 - Announcement, all stations 35-40points
27:26:00 - Dr. Rich Terrile
28:07:25 - MPLA Announcement
31:00:03 - Announcement - Terrile, JPL I.D. Statement
31:20:25 - MPLA Announcement
32:39:13 - Mike Malin Announcement
33:34:17 - All Stations Announcement 40th point completed

37:58:13 - Announcement (Mars Relay) "Receptive to Data Tone" & Copy
 38:35:09 - Dr. Sam Thurman, Today's rundown
 43:47:09 - Daniel S. Goldin, Dr. Edward Stone and Marshall Flt CTR. Director
 45:11:13 - UCLA
 46:06:28 - Tom Rivellini & Kerry Fischer
 46:29:26 - Dr. Terrile, Kerry Fischer and Kerry Lewis
 49:05:07 - Deep Space Operations Room
 51:18:04 - Dr. Terrile Announcing - 15 min. into Data Pass(DS2)
 54:07:13 - Congressman Dryer & Daniel Goldin
 55:55:10 - UCLA
 56:42:18 - Deep Space Operations Room
 58:40:10 - JPL
 59:44:13 - Deep Space Operations Room
 1:00:05:20 - Dr. Terrile, JPL ID Tag
 1:00:58:00 - DS2 Operations Announcement/Data relay completed (DS2)
 1:01:24:27 - DS2 Announcement - Stand by Please
 1:02:34:27 - Kerry Lewis & Tom Rivellini
 1:03:37:26 - Mike Malin - "Only Red" HKTM on this Pass"
 1:06:11:00 - Mike Malin Announcement - HKTM File for copy
 1:06:34:08 - DS2 - Confirmation & repeating file
 1:07:46:13 - Mike Malin Announcement - MR - Performance report
 1:08:30:04 - Dr. Terrile - Link to earth OK.
 1:10:56:00 - Dr. Terrile - Close Out
 1:12:01:16 - Closing Graphics
 Audience: JPL NASA News Resource Site: JPL/Bldg. 264
 Client: MRO/Frank O'Donnell, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/03/1999 - 1:33:00 Producer: Beck

AVC-1999-195-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/4/99 8:15PM**
 Audience: JPL NASA News Resource Site: JPL/ULCA
 Client: MRO/Frank O'Donnell, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/04/1999 - 1:00:00

AVC-1999-196-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/4/99-9:30PM**
 Discussed problems in communication with the lander.
 Moderator: Frank O' Donnell
 Panelists: Richard Cook, Sarah Gavit, Sam Thurman

Audience: JPL NASA News Resource Site: JPL/von Kármán
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/1999 - 0:29:30 Producer: Savona

AVC-1999-197-1/1 **"Future Robotic Mars Exploration" Background Briefing, 12/4/99-6:00 PM**

Moderator: Dr. Dan McCleese
Panelists: Dr. Carl Picher, NASA Hq.
Dr. Matt Golombek, Planetary Scientist
Silvia Miller, Mars Mission Architect
Audience: JPL NASA News Resource Site: JPL/von Kármán
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/1999 - 1:00:00 Producer: Beck/Webster

AVC-1999-198-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/5/99 - 11:30 AM**

Update on Mars Polar Lander and DS2. The operations team still searching for Lander and Microprobe and will continue through today and tomorrow, the next 24 hours are very important.

Moderator: Frank O'Donnell, JPL Media Relations Manager
Panelists:
Richard Cook, Mars Polar Lander Project Manager;
Dr. Sam Thurman, Mars Polar Lander Flight Operations Manager;
Sarah Gavit, DS2 Mars Microprobes Project Manager.

Audience: JPL NASA News Site: JPL/von Kármán
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/1999 - 0:31:00 Producer: Savona

AVC-1999-199-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/5/99 - 9:30 PM**

Host: David Seidel
13:55:00 - Phil Kanocke and Cahs Wetzel
UCLA - Dr. David Page
16:45:00 - Dr. Sam Thurman
31:00:00 - Kerry Lewis and Sarah Gavit
1:12:46:00 - Richard Cook
1:14:08:00 - John MacNamee
1:15:06:00 - Steve Brody

Audience: JPL NASA News Resource Site: JPL/Bldg. 264
Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/1999 - 1:20:00 Producer: Beck

AVC-1999-200-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/5/99 - 11:00PM**

Moderator: Frank O'Donnell, JPL Media Relations Mgr
Panelist: Richard Cook, Mars Polar Lander Project Manager
Audience: JPL NASA News Site: JPL/von Kármán
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/1999 - 0:14:00 Producer: Savona

AVC-1999-201-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/3/99 - 11:00 AM**

"Mars Landing 1999"

Host: David Seidel

0:05:39:00 - Dr. Sam Thurman

0:13:26:28 - Dr. Richard Zurek

0:36:29:13 - Rob Manning

0:48:15:00 - Sarah Gavit

0:57:03:16 - John MacNamee

1:16:46:03 - Chris Jones

1:21:50:16 - Daniel Goldin, Ed Weiler, Tom Gavin

1:23:04:02 - Dr. David Baltimore, Dr. Edward Stone, Dr.

Charles Elachi

1:33:50 - END

Audience: JPL NASA News Resource Site: JPL/Bldg. 264

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/03/1999 - 1:33:00 Producer: Beck

AVC-1999-202-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/3/99 - 2:00 PM**

Host: David Seidel

05:36:20 - Dr. Sam Thurman, Richard Cook, Phil Kaoncke,

Daniel S. Goldin, Dr. Edward Stone, Dr. Ed Weiler, Dr.

Charles Elachi, Dr. David Baltimore

07:21:11 - Arthur Stevenson, Teleconferencing

Representative, Congressman David Dryer

Audience: JPL NASA News Site: JPL/Bldg. 264

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/03/1999 - 0:51:00 Producer: Beck

AVC-1999-203-1/1 **Mars Polar Lander/DS2 Mission Status Briefing, 12/7/99 - 1:00 AM**

The team will try to communicate with the lander for another two weeks or so, but that expectations for success are remote. They vow to learn from the experience and continue exploring the Red Planet.

Moderator: MaryBeth Murrill, Media Relations News Chief
Panelists:

Richard Cook, Mars Polar Lander Project Manager
(Operations), JPL;

Sarah Gavit, Deep Space 2 Project Manager, JPL;

Dr. Daniel McCleese, Mars Surveyor Program Scientist, JPL;

Dr. Chris Jones, Mars Surveyor Program Manager, JPL/Caltech.

Audience: JPL NASA News Site: JPL/von Kármán

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/07/1999 - 0:25:40 Producer: Savona

AVC-1999-204-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/4/99 - 11:00 PM**

Host: David Seidel

01:39:04 - Dr. Sam Thurman, Phil Kanocke, Daniel S. Goldin,
John MacNamee, Dr. Edward Stone, Dr. Edward Weiler, Tom
Gavin, Dr. Charles Elachi

05:03:11 - Dr. Chris Jones

30:35:17 - Graphic

43:44 - End

45:02 - Graphic til

Audience: JPL NASA News Site: JPL/ Bldg.264

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/03/1999 - 0:45:02 Producer: Beck

AVC-1999-205-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/5/99 - 10:45 AM**

Host: David Seidel

03:47:02 - Dr. Sam Thurman, Phil Kanocke

10:01:00 - Dr. David Paige, Karen McBride, Richard Cook,
Jacques Blemonde

14:07:00 - Dr. Richard Zurek

24:46:00 - Joe Beer

26:17:00 - Dr. Charles Elachi, Dr. Edward Stone, Earl

Huckins, Dr. Richard Zurek, Joe Boyce, David Paige, Reed
Thomas, Gene Brower

Audience: JPL NASA News Site: JPL/Bldg. 264

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/05/1999 - 0:56:00 Producer: Beck

AVC-1999-206-1/1 **Mars Polar Lander/DS2 COMMENTARY, 12/7/99 - 12:00 AM**

Host: David Seidel

Audience: JPL NASA News

Site: JPL/Bldg. 264

Client: MRO/Frank O'Donnell, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/07/1999 - 0:45:00 Producer: Beck

AVC-1999-208-1/1 **MISR Launch Day "B" Roll - Video File**

Animation of MISR instrument in operation around the Earth.

Interview with Dr. David Diner, JPL Principal Investigator.

Interview with Dr. Ralph Kahn, Aerosol Scientist for MISR.

Audience: News Resource

Client: Ainsworth

Master: BCAMsp

Audio 1: Silent 2: Mono mix

12/13/1999 - 0:17:38 Producer: Dawson/Savona

AVC-2000-001-1/1 **Europa Magnetic Fields Animation - Video File**

Animation depicting Europa's north magnetic pole reversing based on data collected from the Galileo Spacecraft.

Europa's magnetic field reverses every 5.5 hours as a direct result of the influence of Jupiter's oscillating magnetic field.

Audience: Gen. Edu. JPL NASA News Resource

Client: Torrence Johnson

Master: BCAMsp Submaster: BCAMsp

Audio 1: Silent 2: Silent

01/08/2000 - 0:00:50 Producer: Semerano

AVC-2000-003-1/1 **TOPEX/Poseidon/PDO/Bill Patzert - Video File**

Animation of the TOPEX/Poseidon instrument in space.

Historic animation from TOPEX/Poseidon 97 to 99

2 new images from T/P showing the Pacific Decadal Oscillation effect.

Interview with Dr. William Patzert

Audience: Resource

Client: Diane Ainsworth

Master: BCAMsp Submaster: BCAMsp

Audio 1: Silent 2: Mono mix

01/14/2000 - 0:07:47 Producer: Savona

AVC-2000-004-1/1 **von Kármán Lecture Series: "Near-Earth Objects"**

VTV-853

Dr. Donald Yeomans discusses how comets and

asteroids that can closely approach Earth are scientifically important because they are valuable natural resources for the colonization of the inner solar system, and because they are horrific threats to life on Earth.

Audience: Gen.

Client: Eric Hayne

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/20/2000 - 0:58:27 Producer: Savona

AVC-2000-006-1/1

STS 99 SRTM - Mission Overview

Paul Dye, lead flight director, Johnson Space Center; Dr. Earnest Paylor, NASA Shuttle Radar Topography Mission program Scientist, Office of Earth Science, Washington, D.C.

Audience: News Resource

Site: KSC

Client:

Master: sVHS

Audio 1: Mono mix 2: Mono mix

01/21/2000 - 0:55:00 Producer: KSC

AVC-2000-007-1/1 STS 99 SRTM - Technology & Science Briefing with NASA TV - Video File

Imagery and Mapping Agency, Bethesda, Md.; Dr. Diane Evans, Earth Science Program chief scientist, JPL; Marian Werner, X-band Synthetic Aperture Radar project manager, DLR (German Space Agency), Oberpfaffenhofen, Germany; Edward Caro, SRTM chief engineer, JPL.

Audience: News Resource Site: KSC

Client:

Master: sVHS

Audio 1: Mono mix 2: Mono mix

01/21/2000 - 1:49:00 Producer: KSC

AVC-2000-008-1/1 STS 99 SRTM - Crew Press Conference

Kevin Kregel, space shuttle commander; Dom Gorie, pilot; Gerhard Thiele (European Space Agency), mission specialist 1; Janet Kavandi, mission specialist 2; Janice Voss, mission specialist 3; Mamoru Mohri (Japanese Space Agency), mission specialist 4.

Audience: News Resource Site: KSC

Client:

Master: sVHS

Audio 1: Mono mix 2: Mono mix

01/21/2000 - 0:36:15 Producer: KSC

AVC-2000-009-1/1 VTV-851 President Clinton's Address at Caltech

President Bill Clinton Science and Technology address at Calif. Institute of Technology, Beckman Auditorium. Gordon Moore, Chairman CIT Board of Trustees and David Baltimore President of CIT appear with the President.

Audience: Gen. Site: Beckman,

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/21/2000 - 0:51:00 Producer: Caltech

AVC-2000-014-1/1 SRTM Prelaunch Overview

Animation of the instrument in the payload bay and mast deployment, coverage map from JSC launch minus 14 press briefing. Three dimensional views of Pinatubo and Kamchatka from the Space Radar Laboratory from mission summary tapes.

Audience: News Resource

Client: Dr. Diane Evans, Org. 730

Master: BCAMsp

Audio 1: Silent 2: Silent

01/27/2000 - 0:08:00 Producer: Savona

AVC-2000-015-1/1 **Sun's Crooked Magnetic Field - Video File**
Animated image of the sun produced from over one months imaging. The center has been blacked out so we can see the solar wind emanating from the sun.
"B" roll of the Sun using optical and x-ray photographic techniques.
Audience: News Resource
Client: Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/28/2000 - 0:01:00 Producer: Semerano

AVC-2000-018-1/1 **Seawinds Instrument onboard the QuikSCAT Satellite - Video File**
Seawinds keeps eye on world's winds and storms.
Seawinds sees birth and development of monsoon rains.
Seawinds watches iceberg motion in Antarctic.
Audience: News Resource
Client: Mary Beth Murrill
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
01/28/2000 - 0:03:03 Producer: Savona

AVC-2000-019-1/1 **STS-99, SRTM L-2 Countdown Status, 3:00 P.M.-PST**
Presenters: George Diller, NASA Public Affairs
Ron Dittmore, Shuttle Program Manager-JSC
Dave King, Dir. of Shuttle Operation - KSC
Klaus Damian, Head, ESA Astronaut Training Div.
Capt. Clif Stargardt, Meteorologist 45th Weather Squadron, USAF
Audience: News Resource Site: KSC
Client: Mona Jasnow, Org. 7300
Master: sVHS
Audio 1: Mono mix 2: Mono mix
01/29/2000 - 0:51:00 Producer: KSC

AVC-2000-020-1/1 **SRTM Shuttle Status Briefing, 6:00 AM - PST**
Presenters: George Diller, NASA Public Affairs
Steve Atimus, NASA Test Director
Scott Higginbotham, STS-99 Payload Manager
Ed Priselac, Shuttle Weather Officer
Audience: News Resource Site: KSC
Client: Mona Jasnow, Org. 7300
Master: sVHS
Audio 1: Mono mix 2: Mono mix

01/29/2000 - 0:32:00 Producer: KSC

AVC-2000-021-1/1 **STS-99/L-1 Shuttle Status Briefing & SRTM Mission Overview**

6:00 AM, STS-99 L-1 Shuttle Status Briefing - 17:00 Min.

6:30 AM, SRTM Mission Overview - 1:10:00 Min.

Audience: News Resource Site: KSC

Client: Mona Jasnow, Org. 7300

Master: sVHS

Audio 1: Mono mix 2: Mono mix

01/30/2000 - 1:17:00 Producer: KSC

AVC-2000-024-1/1 **NASA 2001 Budget Briefing**

Dan Goldin outlines FY 2001 NASA Budget to media at NASA-HQ.

Audience: JPL NASA News Site: NASA-HQ

Client:

Master: sVHS

Audio 1: Mono mix 2: Mono mix

02/07/2000 - 0:53:40 Producer: HQ

AVC-2000-025-1/1 **STS-99 SRTM Pre-Launch Briefing L-2**

L-2 Briefing on upcoming launch of STS-99. Panelists; Ron Dittmore-Shuttle Prog. Man. JSC; Dave King Dir. Shuttle Processing KSC; Capt. Clif Stargardt Meteorologist 45th Weather Squadron.

Audience: News Site: KSC

Client:

Master: sVHS

Audio 1: Mono mix 2: Mono mix

02/09/2000 - 0:34:00 Producer: KSC

AVC-2000-026-1/4 **Dodging Rocks? Cassini Cruises Through the Asteroid Belt**

This Cassini Educator's workshop discusses the physical nature of asteroids, the impact probabilities, activity - rotation light curve/colors and the search for asteroids.

Presenters: Shannon McConnell, Alan Harris, Steve Edberg, Paul Chodas

Audience: Edu. JPL Site: von Kármán Aud

Client: Shannon McConnell

Master: sVHS

Audio 1: Mono mix 2: Mono mix

02/10/2000 - 2:00:00 Producer: Greg Parrillo

AVC-2000-026-2/4 **Dodging Rocks? Cassini Cruises Through the Asteroid Belt**

This Cassini Educator's workshop discusses the physical nature of asteroids, the impact probabilities, activity - rotation light curve/colors and the search for asteroids.

Presenters: Steve Edberg, Bob Coutts
Audience: Edu. JPL Site: von Kármán Aud
Client: Shannon McConnell
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/10/2000 - 0:43:17 Producer: Greg Parrillo

AVC-2000-026-3/4 **Dodging Rocks? Cassini Cruises Through the Asteroid Belt**

This Cassini Educator's workshop discusses the physical nature of asteroids, the impact probabilities, activity - rotation light curve/colors and the search for asteroids.
Presenters: Eleanor "Glo" Helin, Steve Edberg, Steve Ostro
Audience: Edu. JPL Site: von Kármán Aud
Client: Shannon McConnell
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/10/2000 - 1:00:42 Producer: Greg Parrillo

AVC-2000-026-4/4 **Dodging Rocks? Cassini Cruises Through the Asteroid Belt**

This Cassini Educator's workshop discusses the physical nature of asteroids, the impact probabilities, activity - rotation light curve/colors and the search for asteroids.
Presenters: Bob Nelson and Don Yeomans
Audience: Edu. JPL Site: von Kármán Aud
Client: Shannon McConnell
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/10/2000 - 1:00:00 Producer: Greg Parrillo

AVC-2000-028-1/1 **STS-99 Launch with SRTM payload**

STS-99 Launch with SRTM(Shuttle Radar Topography Mapper) payload. Starts at T-9min and includes replays of launch.
NOTE At T+5min Satellite was switched off by Goddard TV.
Audience: News Resource Site: KSC
Client: Mona Jasnow
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/11/2000 - 1:00:00 Producer: KSC (Borst)

AVC-2000-030-1/1 **STS-99 SRTM Mission Highlights Tape**

Highlights of the Shuttle Radar Topography Mission (SRTM) including Launch, Deploy and Retraction/Storage of Boom Mast. Simulations of the orbit of the SRTM and simulated flights over the surface of the Earth created from SRTM images and Digital Elevation Maps (DEMs).
Audience: News Resource

Client: Eric De Jong
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono Mix
03/10/2000 - 0:56:30 Producer: Eric DeJong

AVC-2000-031-1/1 **STS-99 SRTM Flight Day 1 Highlights**
STS-99 SRTM Flight Day 1 Highlights. Shows crew arrival,
launch and radar mast deployment.
Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/11/2000 - 0:19:00 Producer: JSC

AVC-2000-032-1/1 **STS-99 SRTM Flight Day 2 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Milt Heflin STS-99 Mission Operations Rep.; Mike
Kobrick SRTM Proj. Scientist; Ed Caro SRTM Proj. Eng. JPL;
Marian Werner XSAR Proj. Man. DLR, 30 min. Flight Day 2
Highlights 13 min.
Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/13/2000 - 0:44:00 Producer: JSC

AVC-2000-033-1/1 **STS-99 SRTM Flight Day 3 Highlights**
STS-99 SRTM Flight Day 3 Highlights
Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/13/2000 - 0:15:00 Producer: JSC

AVC-2000-034-1/1 **STS-99 SRTM Flight Day 4 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Milt Heflin STS-99 Mission Operations Rep.; Mike
Kobrick SRTM Proj. Scientist; Ed Caro SRTM Proj. Eng. JPL;
Dr. Giorgio Franseschetti ASI. First Images and flyover
animation, 45:00. Highlights 16:35
Audience: JPL News Resource
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/14/2000 - 1:02:00 Producer: JSC

- AVC-2000-036-1/1 **STS-99 SRTM Flight Day 5 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Milt Heflin STS-99 Mission Operations Rep.; Dr.
Thomas Farr SRTM Dep. Proj. Scientist JPL; Dr. Christianne
Schmullius DLR. More Images and flyover animations, 55:00.
Highlights 19:00
Audience: JPL News Resource Site: JSC
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/15/2000 - 1:14:00 Producer: JSC
- AVC-2000-037-1/1 **STS-99 SRTM Flight Day 6 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Milt Heflin STS-99 Mission Operations Rep.; Dr.
Earnest Paylor SRTM Prog. Scientist NASA-HQ; Dr. Jakob van
Zyl Dep. Man. Earth Science JPL; Dr. Christianne Schmullius
DLR. More Images and flyover animations, 48:00. Highlights
19:30
Audience: News Resource Site: JSC
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/16/2000 - 1:07:30 Producer: JSC
- AVC-2000-038-1/1 **Daniel Stern Discovery of Most Distant Quasar - Video File**
Interview with Dr. Daniel Stern at Palomar Observatory,
B-roll of Dr. Daniel Stern and animation of Quasar with
super-massive black hole.
Audience: News Resource Site: Palomar Observ.
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/16/2000 - 0:08:00 Producer: Viotti/Beck
- AVC-2000-039-1/1 **STS-99 SRTM Flight Day 7 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Milt Heflin STS-99 Mission Operations Rep.; Dr.
Diane Evans Chief Scientist Earth Sci. Off.; Dr. Christianne
Schmullius DLR. More Images and flyover animations, 31:00.
Highlights 17:30
Audience: News Resource
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/17/2000 - 0:48:00

- AVC-2000-040-1/1 **STS-99 SRTM Flight Day 8 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Milt Heflin STS-99 Mission Operations Rep.; Dr. Earnest Paylor SRTM Prog. Scientist NASA-HQ; Dr. Mike Kobrick SRTM Proj. Man. JPL; Marian Werner XSAR Proj Man. DLR. More Images and flyover animations, 1:02:00. Highlights 18:30
Audience: News Resource
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/18/2000 - 1:20:30 Producer: JSC
- AVC-2000-041-1/1 **STS-99 SRTM Flight Day 9 Status Briefing & Highlights**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Jeff Bantle STS-99 Mission Operations Rep.; Dr. Earnest Paylor SRTM Prog. Scientist NASA-HQ; Dr. Jeffrey Plaut Research Scientist JPL; Dr. Christianne Schmullius DLR. More Images and flyover animations, 54:00. Highlights 24:00
Audience: News Resource
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/19/2000 - 1:18:00 Producer: JSC
- AVC-2000-042-1/1 **STS-99 SRTM Flight Day 10 Status Briefing**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Paul Dye STS-99 Lead Flight Dir.; Dr. Earnest Paylor SRTM Prog. Scientist NASA-HQ; Tom Hennig SRTM Prog. Man. NIMA; Dr. Christianne Schmullius DLR. More Images and flyover animations.
Audience: News Resource
Client: Mona Jasnow
Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/20/2000 - 0:56:00 Producer: JSC
- AVC-2000-043-1/1 **STS-99 SRTM Flight Day 11 Status Briefing**
Status Briefing on condition of Shuttle and SRTM payload.
Panelists; Jeff Bantle STS-99 Mission Operations Rep.; John Shannon STS-99 Entry Flight Dir.; Dr. Mike Kobrick SRTM Proj. Man. JPL; More Images and flyover animations.
Audience: News Resource
Client: Mona Jasnow

Master: sVHS
Audio 1: Mono mix 2: Mono mix
02/21/2000 - 0:42:00 Producer: JSC

AVC-2000-044-1/1 **STS-99 SRTM Flight Day 12 Landing & Briefing**
Landing of shuttle starts at 8 minutes before touchdown and then includes replays and briefing following landing. Ron Dittmore - Space Shuttle Prog. Man.
Audience: News Resource
Client: Mona Jasnow
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/22/2000 - 0:50:00 Producer: JSC

AVC-2000-047-1/1 **Aids Vaccine: Finding The Cure**
VTV-858
Caltech President Dr. David Baltimore, one of the world's leading scientists spoke on the search for an AIDS vaccine, "Finding the Cure." This talk was part of the JPL sponsored von Kármán Lecture Series at JPL and at Pasadena City College.
Audience: Edu. Tech. JPL Site: von Kármán Aud
Client: Kim Lievense, Org. 1840
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/17/2000 - 1:32:30 Producer: Beck

AVC-2000-051-1/1 **Galileo and Cassini at Jupiter - Video File**
First animation shows the Galileo spacecraft encountering Jupiter; Second animation shows the Cassini Spacecraft at Jupiter;
Third segment is a series of images of Jupiter based on real data taken from the Voyager spacecraft.
Audience: News Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Silent 2: Silent
03/06/2000 - 0:02:03 Producer: Savona

AVC-2000-052-1/1 **Martian North & South Polar Caps Images - Video File**
High Resolution views comparing the Martian north and south polar residual caps taken by the Mars Global Surveyor.
Audience: News Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/07/2000 - 0:04:30 Producer: Semerano

- AVC-2000-053-1/1 **The GAVRT Project**
 The Goldstone Apple Valley Radio Telescope or GAVRT, is a curriculum-based science project that allows high school students access to a radio telescope to collect data and submit their findings to NASA's Jet Propulsion Laboratory for inclusion in databank of knowledge.
 Audience: Gen. Edu.
 Client: Shirley Wolff
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Stereo Mix 2: Stereo Mix
 03/09/2000 - 0:03:52 Producer: Beck/Savona
- AVC-2000-054-1/1 **Mars Global Surveyor imagery of Dust Devils - Video File**
 Pan of MOC2-220B
 Pan of MOC2-220A
 Still of MOC2-220C
 Audience: News Resource
 Client: Mary Hardin
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 03/10/2000 - 0:02:00 Producer: Savona/Semerano
- AVC-2000-055-1/1 **SRTM Compilation (Post mission)**
 1. (long version) Animations, Launch, Mast deployment, on-orbit payload tours, Mast retract & fly throughs.
 2. (short) Launch, Mast deployment, Palmdale fly-through & Tigil fly-through.
 Audience: Resource
 Client: Tom Farr
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 03/15/2000 - 0:34:12 Producer: Parrillo
- AVC-2000-057-1/1 **Infrared - "More Than Your Eyes Can See"**
 In this fast-paced educational program, Astronomer, Dr. Michelle Thaller explains the world of infrared light.
 Audience: Gen. Edu.
 Client: Dr. Michelle Thaller
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Stereo 2: Stereo
 03/17/2000 - 0:07:00 Producer: Gary Savona
- AVC-2000-058-1/1 **Mars Animations and Latest Images**
 Includes flyovers of the Martian terrain, MOLA images, north and south polar regions, Valles Marinaris, spacecraft

animations, Pathfinder pan of surface.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/22/2000 - 0:50:00 Producer: Beck

AVC-2000-060-1/1 **Terrestrial Planet Finder (TPF) - Video File**

TPF animation of proposed design
Star / Planet animation
Dr. Charles Beichman Interview
Audience: News Resource
Client: Michelle Viotti
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/28/2000 - 0:03:15 Producer: Savona

AVC-2000-061-1/1 **Mars Program Independent Assessment Team Briefing**

VTV-859

Tom Young Chairman of the Mars Program Independent Assessment Team gives findings of the team to Press Briefing at NASA-HQ. Ed Weiler Associate Admin. of Space Sciences for NASA talks about implementation of lessons learned.
Audience: News Resource Site: NASA-HQ
Client: Blaine Baggett
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/28/2000 - 1:19:00 Producer: NASA HQ

AVC-2000-062-1/1 **Dr. Stone News Briefing on Mars Independent Assessment Team Findings**

Dr. Ed Stone discusses the findings of the Independent Assessment Team (Young report) with the local news media.
Audience: News Site: von Kármán Aud
Client: Laura Dunn, Org. 100
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/28/2000 - 0:18:40 Producer: Greg Parrillo

AVC-2000-065-1/1 **Laboratory All Hands Meeting (Mars Failures Discussion) - Dan Goldin**

VTV-862

NASA Administrator, Daniel S. Goldin discusses the Mars Program Independent Assessment Findings (Young report) about the recent Mars mission failures. He gives JPL employees an uplifting bit of encouragement on how NASA looks to the future.
Audience: JPL Site: von Kármán Aud
Client: Laura Dunn

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/29/2000 - 0:29:00 Producer: Greg Parrillo

AVC-2000-066-1/1 **Ultrasonic Drill - Video File**
Animation of ultrasonic drill mounted on nanorover coring a rock on a small asteroid. B-roll of drill undergoing testing in laboratory. Interview with Dr. Yoseph Bar-Cohen.
Audience: News Resource Site: JPL
Client: Nancy Lavato
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/20/2000 - 0:06:31 Producer: Semerano

AVC-2000-067-1/1 **Ulysses Spacecraft Meets Comet Hyakutake - Video File**
Ulysses animation depicting spacecraft passing through Comet Hyakutake;
Assembly of the Ulysses spacecraft at Dornier Systems in Germany;
Interview with Dr. Nathan Schwadron explains what happened and why the finding is important.
Audience: News Resource
Client: NASA Television
Master: BCAMsp
Audio 1: Mono mix 2: Silent
04/03/2000 - 0:03:44 Producer: Gary Savona

AVC-2000-070-1/1 **Congressional Hearing by NASA's after The Young Report**
Tom Young and John Casani testify before the House Subcommittee on Science answering questions posed to them regarding their reports to Congress on the failures of Mars Polar Lander, Deep Space 2 and Mars Climate Orbiter.
Audience: NASA Resource Site: NASA HQ
Client: Blaine Baggett, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/12/2000 - 1:38:00 Producer: Ziats

AVC-2000-071-1/1 **MISR Collection**
Multi-angle Imaging Spectro-Radiometer (MISR) flown on the Terra Earth orbiting spacecraft.
Terra Launch HD downconversion (4:52) 12/18/99.
MISR First Images released at the 4/19/00 Press Conference/Science Update (11:17).
Audience: Resource Site: DIAL
Client: Eric DeJong

Master: BCAMsp Submaster: BCAMsp
Audio 1: silent 2: silent
04/18/2000 - 0:16:09 Producer: S. Suzuki

AVC-2000-072-1/1

TERRA - First Science Briefing

A 48:30 briefing from NASA-HQ with Principle investigators and Dr. Ghassem Asrar. Shows first science results - pictures and animations including flyovers and different filtered images of Earth by TERRA spacecraft orbiting Earth. Terra was launched from Vandenberg AFB on 12/18/99. A 35:00 videofile of images at end.

Panelists:

Dr. Yoram Kaufman, TERRA Project Scientist, NASA, GSFC;
Dr. Vincent Salomonson, Moderate-resolution Imaging Spectroradiometer (MODIS) Science Team Leader, NASA, GSFC;
Dr. David Diner, Multi-angle Imaging Spectro-Radiometer (MISR) Principle Investigator, NASA, JPL;
Dr. Yasushi Yamaguchi, Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) Deputy Science Team Leader, Nagoya University;

Dr. Jim Drummond, Measurements of Pollution in the Troposphere (MOPITT) Principle Investigator, University of Toronto;

Dr. Bruce Barstrom, Clouds and the Earth's Radiant Energy System (CERES) Instrument, NASA, LaRC

Audience: News Resource Site: NASA HQ

Client: Frank O'Donnell, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/19/2000 - 1:23:00 Producer: NASA HQ

AVC-2000-078-1/1

Planetary Alignment - Video File

Planetary Alignment animation depicting the positions of the Earth, Sun, Moon, Mercury, Venus, Mars, Jupiter and Saturn over the past 10 years.

JPL research astronomer Dr. Myles Standish describes the May 5 alignment and explains why we won't be able to see it.

Audience: News Resource

Client: NASA Television

Master: BCAMsp

Audio 1: Mono mix 2: Silent

04/27/1900 - 0:03:50 Producer: Gary Savona

AVC-2000-080-1/1

Dog Bone-Shaped Asteroid Kleopatra - Video File

Radar images of asteroid Kleopatra in motion.

Audience: News Resource

Client: NASA Television
Master: BCAMsp
Audio 1: Silent 2: Silent
05/02/2000 - 0:00:45 Producer: Savona

AVC-2000-082-1/1 **Mars Global Surveyor Release Images - Video File**
A close-up look at a valley floor in the Libya Montes region of Mars.
A view of Layers on the Martian surface.
A wide-angle view of the Martian north polar cap.
A view of a mound near what was once the rim of an impact crater looks like a "hot cross bun".
North Pole
Hot Cross Bun
Audience: NASA Resource
Client: NASA Television
Master: BCAMsp
Audio 1: Silent 2: Silent
05/11/2000 - 0:03:26 Producer: Savona

AVC-2000-086-1/1 **Galileo Images of Volcanic Moon, Io - Video File**
Images taken by the Galileo spacecraft of Io in November 25, 1999:
Mosaic image of Culann Patera
Mosaic image of Hi'iaka Patera
Mosaic image of Tvashtar Catena
Audience: News Resource
Client: NASA Television
Master: Submaster: DVCPro50
Audio 1: Silent 2: Silent
05/16/2000 - 0:01:32 Producer: Savona

AVC-2000-089-1/1 **FIDO Rover in the Nevada Desert - Video File**
Experimental testing of the Field Integrated Design & Operations (FIDO) rover in the Nevada desert. Ray Arvidson explains certain aspects of the testing.
Audience: News Resource
Client: NASA Television
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/17/2000 - 0:13:50 Producer: Beck

AVC-2000-091-1/1 **Electronic Nose - Video File**
Video File on the development of the Electronic Nose with an animation showing how it works, B-Roll in the laboratory at JPL where it was developed and an interview with Dr. Amy

Ryan discussing its current status and future potential.
Audience: News Resource
Client: Nancy Lovato
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/22/2000 - 0:06:35 Producer: Semerano

AVC-2000-092-1/1
VTV-869

Europa as a Habitat for Life
An Earth and Space Science Colloquium
A talk by Dr. Chris Chyba of the SETI Institute on the possibilities for life on Europa and the best ways and places to find it. Introduction by Dr. Mark Allen.
Audience: Gen. Site: von Kármán
Client:
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/22/2000 - 1:28:00 Producer: Borst

AVC-2000-096-1/1

Latest Io Images from the Galileo spacecraft - Video File
Animated images of Tvashtar Catena on Io
Animated images of Zal Patera on Io
Image of Layered terrain on Io
Audience: NASA Resource
Client: NASA Television
Master: BCAMsp Submaster: DVCPro50
Audio 1: Silent 2: Silent
05/25/2000 - 0:02:10 Producer: Savona

AVC-2000-099-1/1

Development of Laser & Microwave Powered Solar Sails - Video File
Animation of a solar sail being propelled through space by an energy beam followed by tests on the material which would make up such a sail and interviews with Henry Harris, Dr. James Benford and Dr. Leik Myrabo.
Audience: News Resource
Client: Lovato
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/27/2000 - 0:09:18 Producer: Semerano

AVC-2000-100-1/1

JPL's Open House 2000 - LIVE ON THE WEB
Host Jane Platt and co-host Richard Shope talk to members of the five theme teams: Solar System, Mars, Earth, Universe and Technology. Broadcast live on the web, the show features current and future JPL programs and a brief sampling of this year's open house activities.
Audience: Gen. Site: Mall

Client: Blaine Baggett
Master: sVHS
Audio 1: Mono mix 2: Mono mix
06/03/2000 - 1:00:00 Producer: Savona

AVC-2000-103-1/1 **Sensor Webs - Video File**
Animation of one possible scenario for deployment of a sensor web on a distant moon. B-Roll of sensor pods containing sensing instruments that send data to a field computer. The pods are distributed around various environments within the Huntington Garden. Interview with Dr. Delin.
Audience: News Resource
Client: NASA Television
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/07/2000 - 0:07:35 Producer: Semerano

AVC-2000-104-1/1 **Digital Personnel Press Handout**
An example of a digital human-image animation driven by phonemes, the smallest unit of human speech. B-Roll of sample created on a computer. Interview with John Wright, Principal Investigator for Digital Personnel, Jet Propulsion Laboratory, NASA.
Audience: News Resource
Client: Nancy Lavato
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/09/2000 - 0:06:55 Producer: Semerano

AVC-2000-105-1/1 **Digital Personnel News Conference**
Voice driven human digital animation. Speakers included John Wright, Jerry Ruddle and James Rooney.
Audience: News Site: von Kármán Aud
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/13/2000 - 0:39:00 Producer: Greg Parrillo

AVC-2000-106-1/1 **Possible Evidence of Recent Water Flows on Mars - Video File**
Recent MGS Mars Orbiter Camera pictures showing possible evidence of recent water flows on the Martian surface. With B-Roll of Malin Space Science Systems and interviews with Dr. Mike Malin and Dr. Ken Edgett.
Audience: News Resource
Client: Mary Hardin

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/21/2000 - 0:14:57 Producer: Semerano

AVC-2000-108-1/2 **Water on Mars Space Science Update**
Evidence of Water on Mars was discovered by the Mars Global Surveyor Spacecraft.
INTRO:
Don Savage, NASA HQ., Public Affairs Office
PARTICIPANTS:
Dr. Edward J. Weiler, NASA's Associate Administrator for Space Science.
Dr. Mike Malin: President and Chief Scientist of Malin Space Science Systems of San Diego, CA
Dr. Ken Edgett: Staff Scientist at Malin Space Science Systems of San Diego, CA
Dr. Michael Carr: Geologist with the U.S. Geological Survey in Menlo Park, CA.
Dr. Bruce Jakosky: Professor of Geology at the Laboratory for Atmospheric and Space Physics at the University of Colorado at Boulder.
Dr. Jim Garvin: Mars Exploration Program Scientist at NASA HQ.
Audience: News Resource Site: NASA HQ.
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/22/2000 - 1:30:00 Producer: NASA HQ.

AVC-2000-108-2/2 **Water on Mars Space Science Update**
Part 2 of 2
Audience: News Resource Site: NASA HQ.
Client: MRO/Frank O'Donnell, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/22/2000 - 0:18:00 Producer: NASA HQ.

AVC-2000-111-1/1 **Telescopes in Space (TIE) 2000 Internet**
Jerry Musillo describes the internet access to the 14 inch telescope on Mt. Wilson that can be used by high school students.
Audience: Gen. Edu. Site: Mt. Wilson, CA
Client: Gil Clark
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/26/2000 - 0:02:25 Producer: Savona

AVC-2000-114-1/1 **NASA's Mars Program after the Young Report Part II**
VTV 871
Daniel Goldin and Dr. Ed Stone testify before the House Committee on Science on actions taken after the Young report by JPL and NASA regarding the Mars Program. Part I recorded April 12, 2000. AVC for Part I is AVC-2000-070
Audience: News Resource Site: Congress
Client: F. O'Donnell
Master: sVHS
Audio 1: Mono mix 2: Mono mix
06/20/2000 - 2:00:00

AVC-2000-115-1/1 **Lightweight and Inflatable Spacecraft - Video File**
Animation of Dart or Dual Reflecting Telescope and ARISE or Advanced Radio Interferometry. Artur Chmielewski and Dr. Mark Dragovan are interviewed about the current status and advantages of spacecraft which are inflatable and use extremely lightweight materials.
Audience: News Resource Site: JPL
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/02/2000 - 0:12:02 Producer: Semerano

AVC-2000-118-1/1 **2MASS All-Sky Survey - Video File**
Infrared pictures of various celestial objects imaged by twin telescopes, located in Arizona and Chile, which comprise the 2MASS All-Sky survey. Interview with Dr. Michael Skrutskie, Principal Investigator for the 2MASS survey.
Audience: News Resource
Client: Jane Platt
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/11/2000 - 0:05:05 Producer: Semerano

AVC-2000-119-1/1 **Comet LINEAR - Video File**
Comet LINEAR animation.
Stardust Animation
Deep Impact Animation
Still image of Comet LINEAR taken by students
Interview with Dr. Donald Yeomans, Planetary Research Scientist
Animation of
Audience: News Resource
Client: NASA TV

Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/14/2000 - 0:07:21 Producer: Savona

AVC-2000-121-1/1 **Deep Space 1 Rescue - Video File**
Deep Space animation approaching a comet
Comet Borrelly image
Dr. Marc Rayman interview
Audience: News Resource
Client: NASA Television
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/21/2000 - 0:05:53 Producer: Savona

AVC-2000-122-1/1 **Mars 2001 & 2003 Animations**
Mars 2003 Orbiter animation
Mars 2003 Rover animation
Mars 2001 Orbiter animation
Audience: News Resource
Client:
Master: BCAMsp Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/20/2000 - 0:04:00 Producer: Beck

AVC-2000-123-1/1 **Minority Initiatives Intern Program - Video File**
A distinguished group of undergraduate and graduate students
interested in careers in engineering, science and math gain
hands-on experience, as part of the Minority Initiatives
Intern Program at NASA's Jet Propulsion Laboratory.
Audience: News Resource
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/26/2000 - 0:06:22 Producer: Semerano/Chavez

AVC-2000-125-1/1 **Pacific Decadal Oscillation (PDO) - Video File**
PDO computer model taken between 1970 and 1975; JPL research
scientist, Yi Chao describes the importance of the PDO
effect on our understanding of the Earth's climate.
Audience: News Resource
Client: NASA Television
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/28/2000 - 0:02:36 Producer: Savona

AVC-2000-126-1/1 **Best of JPL Technology - Video Files**

Excerpts from Technology Video Files describing some of the most recent advances in technology developed at the Jet Propulsion Laboratory.

Audience: News Resource

Client: Carolina Martinez

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/05/2000 - 0:11:30 Producer: Semerano

AVC-2000-127-1/1

EOS Volcanology Team Science Investigations

Describes the mission of NASA's Earth Observing System (EOS) Volcanology Team through the presentation of data products created by the Team Members and Collaborators. Each data product represents the application of remote sensing to the study of volcanic phenomena. The presentations of data products are preceded by computer graphics that illustrate the volcanic phenomena, together with the resulting remote sensing signals.

Audience: Tech. Resource

Site: JPL DIAL

Client:

Master: BCAMsp

Audio 1: Silent 2: Silent

Produced by the JPL Digital Image Animation Lab.

08/04/2000 - 0:18:00 Producer: Vince Realmuto

AVC-2000-128-1/1

JPL Technology Roundtable

Applied Science: How Southern California Turns Research and Development into Products and Services. Panelists included: Michael J. Sander, Lawrence Gilbert, Rohit Kenneth Shukla, Jon Faiz Kayyem, Dr. Sabrina Kemeny, Julie Holland and Alfred E. Mann.

Audience: JPL News

Site: JPL

Client: Carolina Martinez

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/07/2000 - 1:04:00 Producer: Greg Parrillo

AVC-2000-131-1/1
VTV-875

Mars 2003 Mission Selection, Press Conference

Dr. Ed Weiler, Assoc. Admin. for Space Science; Scott Hubbard, Mars Program Director, NASA HQ.; Dr. Jim Garvin, Mars Program Scientist, NASA HQ.; Prof. Steven Squyres, Principal Investigator, Cornell University.

NASA TV Downlink from HQ

Audience: News Resource

Site: NASA HQ

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
08/10/2000 - 1:08:00 Producer: NASA HQ

AVC-2000-135-1/1 **Sea Ice Thickness Derived from High Resolution Radar Imagery Video File**

Radar images of sea ice formation as observed by JPL scientists over a six month period in the Arctic Ocean.

B-roll of Arctic ice sheets.

Dr. Ronald Kwok explains why new and unprecedented measurements of Arctic sea ice tell us a lot about global climate change.

Audience: News Resource

Client: NASA Television

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/17/2000 - 0:04:44 Producer: Savona

AVC-2000-138-1/1 **Ulysses Studies the Sun's South Polar Cap - Video File**

Animation of the Ulysses spacecraft; Animation of path or trajectory; Animation of the Solar Wind

Footage of Yoko images of the Sun; Footage of solar flares and sunspot activity; Animation of Cosmic Rays and Magnetic Field

Interview with Ed Massey

Audience: NASA News Resource

Client: NASA Television

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/05/2000 - 0:07:33 Producer: Savona

AVC-2000-139-1/1 **Health Benefits from Space - Video File**

Dr. James Lambert describes medical studies performed at JPL, including the development of an optical spinal tap, a device to optically measure sugar levels in the blood of diabetic patients and the non-invasive imaging of the eye for diagnostic purposes.

Audience: News Resource

Site: JPL

Client: Birchak-Birkman

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/09/2000 - 0:06:50 Producer: Semerano

AVC-2000-140-1/1 **SeaWinds: "Hurricanes Can't Hide" - Video File**

Spacecraft Animation - 0:25; Rotating Earth Animation - 0:14; QuikSCAT observes eight hurricanes - 1:53; Hurricane b-roll - 2:28; Interview-Moshe Pniel - 1:18; Interview-Dr.Timothy Liu - 0:52
Interview-Cesar Sepulveda (In Spanish) - 1:09
Audience: News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/11/2000 - 0:12:13 Producer: Savona

AVC-2000-141-1/1 **Mars and Earth Dust Storm - Video File**

This video file shows a comparison between a Martian dust storm image taken near the south pole and an Earth dust storm image taken off the northwest coast of Africa.
Audience: News Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/11/2000 - 0:01:40 Producer: Beck

AVC-2000-146-1/1 **Inflatable Antenna - Video File**

Engineers and college students at NASA's Jet Propulsion Laboratory are testing and demonstrating an inflatable antenna design for reducing the weight of future spacecraft. Two of the interviews are in Spanish.
Audience: Gen. Edu. JPL NASA News Resource Site: JPL
Client: Carrollina Martinez
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/15/2000 - 0:11:03 Producer: Semerano

AVC-2000-147-1/1 **Volunteer Professionals for Medical Advancement - Video File**

Retired engineers and scientists from NASA's Jet Propulsion Laboratory, who helped make history in the dawn of the space age, are now applying their skills to the world of medicine. They are helping doctors and patients with the expertise that forged the world of space technology.
Audience: News Resource
Client: Birchak-Birkman
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/22/2000 - 0:14:00 Producer: Semerano

- AVC-2000-148-1/1 **Seeing New York from Space in 3-D - Video File**
This narrated simulated flight from Syracuse, New York, south to Manhattan was created with preliminary data from NASA's Shuttle Radar Topography Mission (SRTM). Shuttle animation and b-roll is also included.
Interview with Dr. Michael Kobrick
Audience: News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/25/2000 - 0:13:40 Producer: Savona
- AVC-2000-149-1/1 **2001 Mars Odyssey - Video File**
2001 Mars Odyssey orbiting spacecraft is designed to find out what Mars is made of, detect water and shallow buried ice and study the radiation environment. Included in the video file is an animation of the spacecraft orbiting Mars and an interview with George Pace.
Audience: News Resource
Client: Mary Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/27/2000 - 0:03:20 Producer: Semerano
- AVC-2000-151-1/1 **Mars Valleys - Video File**
Mars Global Surveyor (MGS) began its 4th year orbiting the red planet by taking this view of three major valley systems east of the Hellas plains.
Audience: News Resource
Client: Mary Hardin
Master: BCAMsp
Audio 1: Silent 2: Silent
09/29/2000 - 0:01:10 Producer: Semerano
- AVC-2000-153-1/1 **Cassini and Galileo Joint Observation of Jupiter - Video File**
Two NASA spacecraft are teaming up to scrutinize Jupiter from October 2000 through March 2001. Included in this video are animations of the Cassini and Galileo spacecraft passing Jupiter, an animation depicting the magnetosphere around Jupiter and first image of Jupiter by Cassini.
Audience: News Resource Site: JPL
Client: Guy Webster
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/04/2000 - 0:10:27 Producer: Semerano

- AVC-2000-156-1/1 **Solar System Explorers Wanted: Share Your Knowledge**
Highlights examples of Education and Public Outreach activities done by scientists who are involved in NASA Solar System Exploration and research. Featured are:
Claudia Alexander, JPL
Susan Keiffer, Keiffer Science Consultants
Steven Lee, Space Science Institute
Rosaly Lopes-Gautier, JPL
Ellis Miner, JPL
Kent Tobiska, Federal Data Corporation
Narrated by David Seidel, JPL
Audience: Edu. NASA
Client: Leslie Lowes
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/20/2000 - 0:10:24 Producer: Scott Goldrich
- AVC-2000-157-1/1 **Three Cassini Images - Video File**
Three images taken from the Cassini spacecraft of Jupiter:
The Great Red Spot in Cassini Picture of Jupiter, The Shadow of Your Moon and More than Meets the Eye
Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
10/20/2000 - 0:02:20 Producer: Savona
- AVC-2000-158-1/1 **JPL's Participation in After-school Enrichment Programs - Video File**
NASA's Jet Propulsion Laboratory taking part in the "Lights On Afterschool" program at Logan Elementary School. JPL held interactive workshops for the children to engage them in the wonders of science and space exploration. L.A. Mayor Richard Riordan is interviewed.
Audience: News Resource
Client: Carolina Martinez, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/20/2000 - 0:07:04 Producer: Semerano
- AVC-2000-159-1/1 **In-Situ Exploration of Mars: The FIDO Rover**
This program documents the FY00 activities associated with the FIDO Rover including the May 2000 rover field trial which took place at Black Rock Summit in Central Nevada. This covers the continued development of the FIDO Rover in support of NASA's Mars Exploration Technology Program.
Audience: Tech. NASA

Client: Eric Baumgartner
Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
This is a Photo Lab Production
10/06/2000 - 0:06:37 Producer: Tom Wynne

AVC-2000-160-1/1 **Mars Exploration Program Press Briefing from NASA-HQ**
VTV-883
NASA outlines Mars Exploration Program for the next two decades in a briefing held at NASA-HQ. Participants: Dr. Ed Weiler, Associate Administrator, Space Science, NASA-HQ; Scott Hubbard, Mars Program Director, NASA-HQ; Dr. Jim Garvin, Mars Program Scientist NASA-HQ; Dr. Firouz Naderi, Mars Program Manager, JPL.
Audience: NASA News
Client: MRO
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/26/2000 - 1:22:30 Producer: NASA HQ

AVC-2000-163-1/1 **SIRTF Spanish Language Website - Video File**
NASA has unveiled it's first ever website in Spanish. The site features SIRTF, an orbiting observatory scheduled for launch in 2002. Marisa Eisenberg who created the website discusses in both English and Spanish why she created the site. SIRTF animation is also included.
Audience: News Resource
Client: Media Relations
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/02/2000 - 0:06:28 Producer: Platt/Beck

AVC-2000-164-1/1 **NASA/University Cyberconference**
Administrator Goldin announced a new research initiative between NASA and the University community. General Spence Armstrong kicked this effort off with an interactive cyberconference which included remarks from Goldin and presentations from five Enterprise Associate Administrators. Q & A follows.
Audience: Edu. NASA
Client: NASA HQ
Master: VHS
Audio 1: Mono mix 2: Mono mix
10/19/1900 - 3:00:00 Producer: NASA TV

AVC-2000-165-1/1 **Spider Web Bolometer - Video File**

Inspired by the intricacy and efficiency of spider webs, researchers at NASA's JPL have designed a web-shaped bolometer, a highly-sensitive thermometer to help unveil the true geometry of the universe. Data returned shows that the universe is flat and ever expanding.

Audience: News Resource

Client: Gia Scafidi

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/08/2000 - 0:07:53 Producer: Semerano

AVC-2000-167-1/1 **Space Agency's Images Are Down to Earth - Video File**
ASTER images can be used to monitor environmental change, acquire basic information about the composition and distribution of materials on Earth's surface, help identify new mineral and petroleum deposits in poorly explored regions, monitor land use, and observe volcanoes. Animation of the instrument, three images, flyover animations and interview in English and Spanish.
Audience: News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/14/2000 - 0:15:03 Producer: Savona

AVC-2000-168-1/1 **Telescopes In Education/ Delta Rehab Center - Video File**
B-roll of the patients of the Delta Rehab Center for the severely head-injured in Snohomish Washington. Interviews with Paul Walsh and Gil Clark follow, as well as B-roll of the Mt. Wilson Telescopes and celestial images.
Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/14/2000 - 0:11:42 Producer: Beck

AVC-2000-169-1/1 **Robotic Space Exploration in 3 Eras**
VTV-886 von Kármán Lecture Series -
JPL Director, Dr. Edward Stone discusses the results and goals of robotic space exploration. Since 1958, there have been three eras of exploration at JPL. This lecture characterizes the excitement and considerations of each era.
Audience: Gen. Site: von Kármán Aud.
Client: Kim Johanson, Org. 1840
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix

11/16/2000 - 0:59:51 Producer: Savona

AVC-2000-170-1/1 **Future Mars Missions Animation Compilation**
Compilation of the latest Mars spacecraft animations. 1.
Smart Lander -0:03:00
2. Mars 2003 Rover - 0:02:00
3. Mars Surveyor Orbiter - 0:00:23
4. Mars Sample Return (MSR) - 0:01:15
5. Mars 2001 Space Odyssey - 0:00:20
Audience: News Resource
Client: Mars Project Off.
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/17/2000 - 0:09:00 Producer: Beck

AVC-2000-172-1/1 **Mars Hale Crater - Video File**
Two images of the Hale Crater on Mars taken by the Mars Global Surveyor spacecraft. The first image is a wide-angle view and the second is a high-resolution view showing sand dunes and small gullies possibly carved by water.
Audience: News Resource
Client: NASA HQ
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/18/2000 - 0:02:00 Producer: Beck

AVC-2000-174-1/1 **Kids, Radio Telescopes and Jupiter - Video File**
Students at 25 middle schools and high schools in 13 states are using their classroom computers to remotely control huge radio telescope dishes in the California desert this fall and winter. Their work will aid studies of Jupiter being made by NASA's Cassini spacecraft as it flies past.
Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/22/2000 - 0:13:42 Producer: Savona

AVC-2000-175-1/1 **Hopping Robot - Video File**
Under development at NASA's Jet Propulsion Laboratory, a small hopping robot with frog-like abilities that moves by a combination of rolls and hops may someday hop a ride on an asteroid and leap its way to another planet.
Audience: News Resource
Client: NASA TV/Martinez, Org. 1810
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
11/22/2000 - 0:06:42 Producer: Semerano

AVC-2000-176-1/1 **Frost Covered Craters on Mars - Video File**
The Mars Global Surveyor wide-angle camera system monitored changes in Martian weather and the seasonal coming and going of polar frost in four Martian Craters.
Audience: News Resource
Client: NASA TV/Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/23/2000 - 0:03:04 Producer: Semerano

AVC-2000-177-1/1 **Native American Tribal Elders Tour JPL - Video File**
"From the Sun to the Star Nations", is an initiative to bring together Native Americans from communities, schools and tribal colleges. As part of that effort a tour was conducted for a group of Native Americans at NASA's Jet Propulsion Laboratory.
Audience: News Resource
Client: NASA TV/Martinez, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/23/2000 - 0:03:41 Producer: Semerano

AVC-2000-180-1/1 **Robotic Stepper Device - Video File**
A device that could help therapists in rehabilitating patients with spinal cord injuries.
Audience: News Resource
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/03/2000 - 0:08:30 Producer: Semerano

AVC-2000-181-1/1 **Mars Press Conference - Layered Terrain shows Evidence of Water**
VTV-889
Dr. Michael Malin and Dr. Ken Edgett from NASA's Mars Global Surveyor present what they describe as their most significant discovery yet: Layered terrain images which show substantial evidence for ancient beds of water. Q & A follow presentation along with 20 minutes of images & animation.
Audience: News Resource
Client: Media Relations
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/04/2000 - 1:15:00 Producer: Beck

- AVC-2000-182-1/1 **Stills and Animation of Mars Layered Terrain**
 20 minutes of images & animation from Mars Press conference on Dec.4, 2000.
 Audience: News Resource
 Client: Media Relations
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/04/2000 - 0:20:00 Producer: Beck
- AVC-2000-186-1/1 **Close Encounter with the Biggest Moon - Video File**
 NASA's Galileo spacecraft will pass close to Jupiter's largest moon, Ganymede, on December 28, 2000 while Ganymede is in Jupiter's shadow. One set of studies will examine glows in Ganymede's thin atmosphere while it is in eclipse.
 Audience: News Resource
 Client: NASA TV/Webster, Org. 181
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/18/2000 - 0:08:09 Producer: Savona
- AVC-2000-187-1/1 **ASTER Animation of Mt. St. Helens Volcano - Video File**
 This animation created with ASTER data, shows Mt. St. Helens with the scars from its 1980 eruption.
 Audience: News
 Client: NASA TV/Sullivant
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 12/21/2000 - 0:00:20 Producer: Savona
- AVC-2000-188-1/1 **Jupiter's Clouds Imaged by Cassini - Video File**
 Fourteen Frame movie repeated four times of Jupiter's clouds taken by the Cassini Spacecraft as it passes Jupiter on its way to Saturn.
 Audience: News Resource
 Client: NASA TV/Webster
 Master: BCAMsp
 Audio 1: Silent 2: Silent
 12/21/2000 - 0:01:00 Producer: Semerano
- AVC-2000-189-1/1 **"Origins" Compilation**
 This tape contains the following JPL productions:
 AVC-1996-075 Infrared Interferometric Search for Neighboring Planetary Systems
 AVC-1997-109 Origins: Seeking Answers to Age-Old Questions
 AVC-1998-060 Space Interferometer Mission (SIM)

AVC-1998-109 DS3-Separated Spacecraft Interferometer
AVC-1998-176 SIM - Space Interferometry Mission
AVC-2000-060 Terrestrial Planet Finder (TPF) Video File
SRC-000008 Origins Computer Animations Compilation
SRC-000076 Space Interferometry Mission (SIM) & Origins
Animations
SRC-000104 Solar System Formation Animation
SRC-000205 SIRTf Animations
SRC-000224 DART Animation
Audience: Resource
Client: Jane Platt
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/21/2000 - 0:51:38 Producer: Semerano

AVC-2000-190-1/1 **Shuttle Radar Topography Mission Flyover of Rose Parade Route**
Simulated flight over the 2001 Tournament of Roses Parade
Route to the San Gabriel Mountains and Rose Bowl using SRTM
C-band Topography, a Thematic Mapper image and Aerial
Photography.
Audience: Gen. Resource Site: DIAL Lab
Client: Mary Beth Murrill
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
12/29/2000 - 0:02:40 Producer: Dial Lab/Borst

AVC-2000-191-1/1 **Cassini Press Conference "NASA Doubleteams Jupiter"**
Galileo and Cassini Spacecraft make dual observations of
Jupiter. Contains animations of Jupiter's clouds imaged by
the Cassini spacecraft.
Presenters:
Dr. Jay Bergstralh, NASA.
Dr. Stamatios (Tom) Krimigis, Johns Hopkins.
University's Applied Physics Laboratory.
Dr. William Kurth, University of Iowa.
Dr. Carolyn Porco, University of Arizona.
Dr. Andrew Ingersoll, California Institute of Technology.
Audience: News Site: von Kármán Aud
Client: MRO - Guy Webster, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/30/2000 - 0:53:00 Producer: Parrillo/Semerano

AVC-2001-001-1/1 **Stardust Earth Flyby - Video File**
The STARDUST mission receives an important earth gravity
assist on January 15, 2001. The spacecraft will capture and

return to Earth sample particles from comet P-Wild 2 and dust particles flowing through our solar system, returning both samples to Earth in 2006.

Audience: Gen. Edu. Tech. JPL NASA News

Client: NASA TV/Heil

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/09/2001 - 0:09:01 Producer: Savona

AVC-2001-008-1/1 **Jupiter's Doughnut - Video File**

A doughnut-shaped ring of charged particles encircling Jupiter, called the Io Torus, is seen better than ever before in new images taken in ultraviolet wavelengths by NASA's Cassini spacecraft. Scientists are studying how volcanic material comes to the ring from the moon Io.

Audience: News Resource

Client: NASA TV/Webster

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/23/2001 - 0:06:49 Producer: Savona

AVC-2001-009-1/1 **von Kármán Lecture Series: "Adventures in Africa"**

VTV-891

Mark Helmlinger discusses his participation in MISR's SAFARI2000 international field campaign which involved seven weeks of fieldwork in southern Africa. He uses demonstrations and a movie of his fieldwork to explain ground-based measurements as part of remote sensing of Earth.

Audience: Gen. Edu.

Site: von Kármán Aud.

Client: PSO/Kim Johansen

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/25/2001 - 1:25:27 Producer: Savona

AVC-2001-010-1/1 **TOPEX/Poseidon: Taking the Ocean's Pulse - Video File**

TOPEX/Poseidon enables early warnings of El Nino and La Nina weather patterns that have caused devastating floods in some areas and drier than normal periods in other places. The mission is a U.S.-French partnership to monitor global ocean circulation from space.

Audience: News Resource

Client: NASA TV/Sullivant

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/28/2001 - 0:14:29 Producer: Savona

- AVC-2001-011-1/1 **Announcement of JPL's New Lab Director**
VTV-893
WELCOME: Dr. Edward Stone-Introduces Dr. David
Baltimore, Caltech President
Dr. David Baltimore-Announces the new JPL Lab Director as
Dr. Charles Elachi
Daniel S. Goldin, NASA Administrator
Dr. Charles Elachi- Thanks and his Vision for JPL
Audience: Gen. Resource Site: JPL-von Kármán
Client: Blaine Baggett, Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/31/2001 - 0:35:00 Producer: Parrillo
- AVC-2001-012-1/3 **Mars Global Surveyor End of Primary Mission Highlights**
INTROS: Arden Albee, Master of Ceremonies, MGS Proj.
Scientist
Jim Garvin, NASA Mars Program
SPEAKERS:
Michael Malin, Principal Investigator, Mars Orbiter Camera
Andy Ingersoll, Co-Investigator, Interdisciplinary Scientist
- Mars Orbiter Camera - Weather on Mars
Philip Christensen, Principal Investigator, Thermal Emission
Spectrometer
Len Tyler, Team Leader, Radio Science
Mario Acuna, Principal Investigator, Magnetometer & Electron
Reflectometer
David Smith, Principal Investigator, Mars Orbiter Laser
Altimeter
EVENT:
Final Orbit-8505 (End of Mars Global Surveyor Primary
Mission)
Audience: JPL News Resource Site: JPL-von Kármán
Client: Christine Johnson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/31/2001 - 1:31:00 Producer: Beck/Parrillo
- AVC-2001-012-2/3 **Mars Global Surveyor End of Primary Mission Highlights**
Part 2 of 3
Audience: JPL News Resource Site: JPL-von Kármán
Client: Christine Johnson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/31/2001 - 1:31:00 Producer: Beck/Parrillo
- AVC-2001-012-3/3 **Mars Global Surveyor End of Primary Mission Highlights**

Part 3 of 3

Audience: JPL News Resource

Site: JPL-von Kármán

Client: Christine Johnson

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/31/2001 - 0:52:00 Producer: Beck/Parrillo

AVC-2001-013-1/1

NEAR End of Mission Press Briefing

End of mission science findings from the NEAR (Near Earth Asteroid Rendezvous) from NASA HQ.

Panelists:

Dr. Edward Weiler, NASA Associate Administrator for Space Science;

Dr. Andrew Chang, Johns Hopkins University, Applied Physics Laboratory (JHU/APL);

Dr. Mark Robinson, Imaging Team, Northwestern U. Dr. Jessica Sunshine, Science Application International Corporation (SAIC), Chantilly VA;

Dr. Robert Farquhar, NEAR Mission Director, JHU/APL.

Q. & A. follows with B-Roll of graphics.

Audience: News Resource

Site: NASA HQ

Client: Martha Heil, Org. 181

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/31/2001 - 1:01:00 Producer: NASA HQ

AVC-2001-014-1/1

Old Texts, New Tech - Video File

The Huntington Library's exhibit "Star Struck: 1,000 years of Art and Science of Astronomy". NASA's Jet Propulsion Laboratory has contributed both to the exhibit and to a new era in the understanding of space and astronomy, and to the images that help explain the unknown.

Audience: News Resource

Site: Huntington Lib.

Client: NASA TV/Heil

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/05/2001 - 0:09:40 Producer: Parrillo/Savona

AVC-2001-015-1/1

Catching Ice in Motion - Video File

The Antarctic Mapping Mission provides the first overview of how the Antarctic ice sheet moves and changes. This joint NASA and Canadian Space Agency mission will help answer some fundamental questions about this mysterious place, including whether the ice sheet is advancing or retreating.

Audience: News Resource

Client: NASA TV/Sullivant

Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/11/2001 - 0:18:52 Producer: Savona

AVC-2001-016-1/2 **NEAR Descent and Landing on Eros**
Broadcast live from The John Hopkins University Applied
Physics Laboratory (APL) in Laurel, MD.
Mission controllers initiate a series of engine burns over a
4-hour period designed to bring NASA's NEAR Shoemaker
spacecraft down to the surface of asteroid Eros.
Audience: News Resource Site: APL
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/12/1901 - 1:30:00 Producer: JHU/APL

AVC-2001-016-2/2 **NEAR Descent and Landing on Eros**
Part 2 of 2
Audience: News Resource Site: APL
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/12/1901 - 0:24:00 Producer: JHU/APL

AVC-2001-017-1/1 **MGS Final Orbit Intro**
Tribute video for the MGS team. Includes launch, MOI
animation, various data/images of Mars.
Audience: Gen.
Client: C. Johnson, Org. MGS
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/14/2001 - 0:03:00 Producer: Beck

AVC-2001-018-1/1 **NEAR Mission Post-Landing Press Conference**
Near Earth Asteroid Rendezvous (NEAR) mission landed on
asteroid 433 Eros, February 12, 2001.
NASA's NEAR Shoemaker is managed by Johns Hopkins University
Applied Physics Laboratory (APL) in Laurel, MD. The Jet
Propulsion Laboratory (JPL) managed the Navigation Team and
the Deep Space Network (DSN).
Press conference participants:
Dee Reese, APL Public Affairs
Dr. Jay Bergstralh, NASA HQ, Discovery Scientist
Dr. Bob Farquhar, JHU/APL, Mission Director
Dr. Bobby Williams, JPL, Navigation Team
Dr. Veveraka, NEAR imaging Team

Tom Couhglin, Project Manager
Audience: News Resource Site: JHU/APL
Client: Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
Includes Video File and Post Roll Graphics
02/14/2001 - 1:30:00 Producer: JHU/APL

AVC-2001-020-1/1 **Space Science Update: Cosmic Crash - The Big Kill**
NASA's Astrobiology Panel discuss Cosmic Caused extinctions thru history.
Panelists:
Dr. Luann Becker University of Washington;
Dr. Robert Poreda University of Rochester;
Dr. Michael Meyer, NASA HQ;
Dr. Richard Bambach, Virginia Tech.;
Dr. Christopher Chyb, SETI Institute & Stanford University.
Q & A follow.
Audience: News Resource Site: NASA HQ
Client: Martha Heil, Org. 181
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/22/2001 - 0:55:00 Producer: NASA HQ

AVC-2001-021-1/1 **2MASS Images - Video File**
The Two Micron All-Sky Survey (2MASS) has finished surveying the entire night time sky in infrared wavelengths, although data processing will continue for two more years. Included in this video file are images of the Omega Nebula and the Keyhole Nebula.
Audience: News Resource Site: JPL
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/15/2000 - 0:02:54 Producer: Semerano

AVC-2001-023-1/1 **von Kármán Lecture Series: "Fire & Ice"**
Frank Carsey - JPL Research Scientist, discusses technologies capable of exploring extreme liquid and ice environments such as Hawaii's volcanic vents and the sub-glacial Lake Vostok in Antarctica. Q & A followed the presentation.
Audience: Gen. Site: von Kármán aud
Client: Kim Johansen
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

02/22/2001 - 1:06:50 Producer: Greg Parrillo

AVC-2001-024-1/1 **Active Volcanoes on Jupiter's Moon, Io - Video File**
A new flyover movie clip created from images taken by NASA's Galileo spacecraft shows one area on Io where fresh lava was flowing in 1999 and 2000. Dr. Torrence Johnson is interviewed.
Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/23/2001 - 0:08:07 Producer: Semerano/Savona

AVC-2001-028-1/1 **Ground Based Interferometry at Keck - Video File**
Two 10-meter telescopes have been joined at the Keck Observatory to form the world's most powerful optical telescope system. An animation shows the concept of interferometry followed by b-roll of the twin Keck telescopes located at Mauna Kea, Hawaii.
Audience: News Resource Site: JPL
Client: Jane Platt
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/01/2001 - 0:02:02 Producer: Semerano/Kline

AVC-2001-029-1/1 **Auroras on Jupiter - Video File**
Dual observations of Jupiter's auroras were made by the Hubble Space Telescope and the Cassini Spacecraft. One of the results of the combined data is a 40 frame movie which shows a glowing aurora in Jupiter's northern hemisphere. Dr. Hunter Waite comments on the phenomena.
Audience: News Resource
Client: Guy Webster
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/04/2000 - 0:06:44 Producer: Semerano

AVC-2001-030-1/1 **Balloon Technology & the Exploration of Planets & Moons - Video File**
Several animated concepts depicting possible future missions to other planets and moons utilizing the latest in balloon technology are featured. Jack Jones comments on what advantages such a technology might offer in the exploration of distant bodies in the solar system.
Audience: News Resource
Client: Carolina Martinez
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
03/07/2001 - 0:10:54 Producer: Semerano

AVC-2001-032-1/1 **The Galileo Mission Gets an Extension - Video File**
NASA's Galileo spacecraft, launched in 1989, has been orbiting Jupiter since 1995. In 2001, it will approach the large moons Callisto once and Io twice. In 2002, it will approach Io and the small moon Amalthea. In 2003, it will make its mission-ending plunge into Jupiter.
Audience: News Resource
Client: NASA TV/Webster
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/14/2001 - 0:07:45 Producer: Savona

AVC-2001-033-1/1 **75th Anniversary of the First Liquid Propelled Rocket - Video File**
Seventy-five years ago, on March 16, 1926, Dr. Robert H. Goddard successfully launched the first liquid fueled rocket. Ridiculed in 1920 by the New York Times for his "impossible" vision of launching a rocket that could travel through the vacuum of space, Dr. Robert Goddard would be hailed some years later as "the father of the space age."
Includes historic images of Dr. Goddard and his early experiments. Aerial views of GSFC. Other historical scenes: Sputnik 1, Explorer 1, Project Mercury/Freedom 7, Apollo 11, Pioneer 10, Space Shuttle STS-1, Mars Pathfinder.
Audience: News Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/15/2001 - 0:27:00 Producer: NASA GSFC

AVC-2001-035-1/1 **High School Robotics Competition - Video File**
High school students build their own robots and then compete as part of a NASA sponsored program.
Featured are students from three Los Angeles-area schools working with teachers and volunteer engineers from NASA's Jet Propulsion Laboratory.
Audience: Gen. Edu. JPL NASA News Resource
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/19/2001 - 0:23:05 Producer: Semerano

AVC-2001-036-1/1 **2001 Mars Odyssey Press Conference**

Held at NASA Headquarters.
Dr. Ed Weiler, Assoc. Admin. Space Science/NASA HQ
Scott Hubbard, Mars Prog./NASA HQ
George Pace, Project Manager/JPL
Dr. Steve Saunders, Project Scientist/JPL
Dr. Jim Garvin, Mars Prog. Scientist/NASA HQ
Audience: NASA News Site: NASA HQ
Client: Mary Hardin, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/19/2001 - 1:24:00 Producer: NASA HQ (Hanchett)

AVC-2001-038-1/1 **History & Future of Mars Exploration, Prior to Launch of '01 Odyssey**

A compilation of animations and stills tracing the history of Mars in the public imagination, from early spacecraft and from modern-day spacecraft.
NOTE: All MOS, except segment on the launch of the Mars Global Surveyor.
Audience: Gen. Edu. JPL NASA Resource
Client: Viotti
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/21/2001 - 0:23:18 Producer: Kline

AVC-2001-039-1/1 **von Kármán Lecture Series: "Galileo Millennium Mission"**
VTV-894

Dr. Duane Bindschadler explains Galileo's unique observations of Jupiter, its moons, and magnetosphere. His presentation highlights the results from this and other Galileo Millennium Mission observations.
Audience: Gen. Edu. Site: von Kármán Aud.
Client: PSO/Johansen
Master: BCAMsp Submaster: VHS
Audio 1: Mono mix 2: Mono mix
03/22/2001 - 1:31:51 Producer: Savona

AVC-2001-040-1/1 **Laboratory Gas Cloud Mimics Pulsars - Video File**

Ultra-Cold Sodium Gas Cloud in an MIT lab developed quantum whirlpools similar to those that appear to cause starquakes on pulsars.
Audience: Gen. Edu. JPL NASA News Resource
Client: Jane Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/26/1901 - 0:05:39 Producer: Semerano

AVC-2001-042-1/1 **JPL Mars Mission Compilation**

Animations of present, past & future missions: 2001 animation; Mariner images; Viking animation, stills, arm; Pathfinder animation, pan to rover, rover in action; Mars Global Surveyor (MGS) animation, 3D animation, resolution & water demo; Mars Exploration rovers animation; Mars Reconnaissance Orbiter animation; Smart Lander animation.
Audience: News Resource
Client: Hardin
Master: BCAMsp Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
03/27/2001 - 0:12:44 Producer: Kline

AVC-2001-044-1/1
VTV-897

2001 Mars Odyssey - Pre-Launch Video

This video takes us behind the scenes with the team members of NASA's latest Mars mission: the 2001 Mars Odyssey. This spacecraft will tell us what chemical elements and minerals make up the Martian surface, determine if buried ice exists and monitor the radiation environment.
Audience: Gen. Edu.
Client: Mars Program Office
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/30/2001 - 0:15:00 Producer: Christine Johnson

AVC-2001-045-1/1
VTV - 895

CMA - "Attracting Talent in a Tight Labor Market"

Dr. David Lewin examines sources of potential job applicants as well as how new compensation and non-monetary rewards can attract and retain high-quality people. He also introduces the idea of "job sculpting" as an approach to retain employees.
Audience: JPL Site: von Kármán aud
Client: Michael Eastwood
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/29/2001 - 1:02:15 Producer: Parrillo

AVC-2001-047-1/1

2001 Mars Odyssey Pre-launch Video File

Animations:
1. 2001 Mars Odyssey spacecraft in orbit over Mars;
2. 3D views of Mars' surface, including gullies & hypothetical water-filled crater on ancient Mars. Graphic: Comparison of sizes of Mars and Earth. Video: Assembly of the spacecraft at Lockheed Martin and at KSC.
Audience: JPL NASA News Resource
Client: Hardin
Master: BCAMsp Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix
03/20/2001 - 0:09:23 Producer: Kline

AVC-2001-048-1/1 **2001 Mars Odyssey assembly and testing compilation**
This sequence chronicles assembly and testing of the 2001 Mars Odyssey spacecraft, both in Denver at Lockheed Martin and at the Kennedy Space Center.
Audience: JPL News Resource
Client: Hardin
Master: BCAMsp Submaster: BCAMsp
Audio 1: MOS 2: MOS
04/02/2001 - 0:05:00 Producer: Kline

AVC-2001-049-1/1 **Mars Odyssey L-1 Briefing**
Status of Launch preparations one day before launch of Mars Odyssey spacecraft from KSC. panelists; Chuck Dovale NASA Launch Man. KSC; Joy Bryant Delta II Mission Dir. Boeing; George Pace Mars Odyssey Proj. Man. JPL; Bob Berry Mars Odyssey Prog. Man. LMSS; Joel Tumbiolo Launch Weather Officer. Q & A follow.
Audience: Gen. News Resource Site: KSC
Client: Odyssey/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/06/2001 - 0:43:00 Producer: KSC

AVC-2001-050-1/1 **Mars 2001 Odyssey Science Press Conference**
Pre Launch Science overview of upcoming Mars 2001 Odyssey Mission. Panelists; Ed Weiler Assoc. Admin. Space Sciences NASA-HQ; Scott Hubbard Mars Prog. Dir. NASA-HQ; Dr. Firouz Naderi Mars Prog Man. JPL; Dr. Jim Garvin Mars Prog. Scientist NASA-HQ. Q & A follows.
Audience: Gen. News Resource Site: KSC
Client: Odyssey/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/06/2001 - 1:02:00 Producer: KSC (Borst)

AVC-2001-051-1/1 **Mars Odyssey Launch - Shortened Version**
VTV-898 This is a shortened version of the Mars Odyssey Launch on April 7th, 2001.
Audience: Gen. News Resource Site: KSC
Client: Odyssey/MRO, Org. 1810
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/09/2001 - 0:03:00 Producer: Beck

- AVC-2001-052-1/1 **More Asteroids with Neat New Camera - Video File**
A new asteroid-searching camera is installed at Palomar Observatory for the Jet Propulsion Laboratory's Near Earth Asteroid Tracking system. NASA's goal is to discover 90 percent of all near-Earth asteroids by 2010. The camera is able to take wider and more detailed views of the sky.
Audience: Gen. JPL NASA News Resource Site: Mt. Palomar
Client: NASA TV/Heil
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/11/2001 - 0:09:22 Producer: Savona
- AVC-2001-053-1/1 **Electronic Beam Lithography Machine - Video File**
To advance nanotechnology, NASA's Jet Propulsion Laboratory has acquired one of the world's finest electron beam lithography systems, one that will allow researchers to work on the sub-molecular scale. The machine can fit 500 transistors in an area the width of a human hair.
Audience: Gen. Edu. JPL NASA News Resource
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/13/2001 - 0:12:01 Producer: Semerano
- AVC-2001-055-1/2 **Mars Odyssey Launch Coverage**
NASA-TV coverage of Mars Odyssey Launch from Kennedy Space Center. Shows launch and replays along with switch at end to JPL for telemetry acquisition. Tape has been edited down from original 2 hour live program.
Audience: News Resource Site: KSC
Client:
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/13/2001 - 1:22:45 Producer: KSC (Borst)
- AVC-2001-055-2/2 **Mars Odyssey Launch Coverage**
JPL-TV coverage of Mars Odyssey Launch from Jet Propulsion Laboratory. Shows JPL MSA for telemetry acquisition. Includes off camera commentary by Jane Platt. Tape has been edited down SRC-000259
Audience: News Resource Site: JPL
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/13/2001 - 1:17:00 Producer: Beck

- AVC-2001-058-1/1 **von Kármán Lecture Series: "More Than Your Eyes Can See"**
 VTV-900 Dr. Michelle Thaller discusses JPL's goals and achievements in infrared astronomy, and with the help of the audience, demonstrates the type of technology that makes it possible.
 Audience: Gen. Edu. Site: vk auditorium
 Client: PSO/Kim Johansen
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/19/2001 - 1:19:23 Producer: Savona
- AVC-2001-059-1/1 **Students and Spacecraft Study Jupiter Radiation - Video File**
 A few of the 2,300 students from 13 states who used a remote-control radio telescope to study Jupiter will present results to JPL scientists May 4. Their results are useful to scientists interpreting radio measurements that NASA's Cassini spacecraft made to map Jupiter radiation.
 Audience: Edu. NASA News Resource
 Client: NASA TV/Webster
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/27/2001 - 0:09:11 Producer: Savona
- AVC-2001-061-1/1 **FIRST High School Robotics Competition**
 In this fast-paced overview of the FIRST High School Robotics Competition students are shown building robots, with the assistance of JPL engineers, which were entered in competitions held at the Sports Arena in Los Angeles and Walt Disney World's EPCOT Center.
 Audience: Gen. Edu. JPL NASA News
 Client: Alice Wessen
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/03/2001 - 0:04:38 Producer: Semerano
- AVC-2001-062-1/1 **GAVRT-Team Work in Science and Education**
 Intro: Gael Squibb, MGR. of INIS Directorate
 Welcome: Dr. Charles Elachi, JPL Director
 Remarks by: Daniel S. Goldin of NASA, Congressman Lewis, and Rick Piercy of Lewis Center
 Students from various centers described the activities they did on C-JMOC.
 Audience: Edu. JPL Site: JPL-von Kármán
 Client: Shirley Wolff
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix 2001-139

Use edited version AVC 2001-139
05/04/2001 - 0:43:38 Producer: Parrillo

AVC-2001-063-1/1 **"Harvesting from Orbit" - Video File**
Farmers will be the first to use a new global positioning technology developed to make NASA satellites more efficient and cost-effective. The real-time global positioning system, developed at the Jet Propulsion Laboratory with NavCom Technology, Inc., works anywhere in the world.
Audience: Edu. NASA News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/07/2001 - 0:06:15 Producer: Gary Savona

AVC-2001-064-1/1 **von Kármán Lecture Series: "The Beginnings of a Legacy"**
VTV-902
Blaine Baggett, Executive Manager of the Office of Communications and Education, illuminates JPL's early history and its emergence into the space age.
This presentation is augmented by historic images and early film footage of past projects.
Audience: Gen. Edu. Site: von Kármán Aud.
Client: PSO/Kim Johansen
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/10/2001 - 1:08:45 Producer: Gary Savona

AVC-2001-066-1/1 **Galileo's Closest Flyby of Callisto - Video File**
On May 25, 2001 NASA's Galileo spacecraft, which as accomplished more flybys of assorted worlds than any other spacecraft, will perform its closest flyby yet. It will skim just 76 miles above Callisto, a moon of Jupiter. Callisto's gravity will sling shot it to Io later this year.
Audience: Edu. NASA News Resource
Client: NASA TV/Webster
Master: Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/17/2001 - 0:09:11 Producer: Gary Savona

AVC-2001-067-1/1 **JPL's 2001 Open House Webcast**
Hosts: Alice & Randii Wessen. Guests: Yoseph Bar-Cohen, Duane Bindschadler, James Butts, John Callas, Nagin Cox, Ann Devereaux, Stephen Edberg, Lloyd French, Jackie Green, Robert Hogg, Bernardo Lopez, Neville Marzwell, Marc Rayman, Michelle Thaller & Jorge Vazquez
Audience: Gen. Edu. Site: JPL

Client: Susan Reichley
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/19/2001 - 0:53:27 Producer: Savona

AVC-2001-071-1/1 **Recent Images from Mars Global Surveyor - Video File**
Newly released images from NASA's Mars Global Surveyor spacecraft taken during the extended mission phase, featuring: dust storms, dust devils, a recent image of "the face" and dark streaks that may be caused by avalanches.
Audience: News Resource
Client: NASA HQ/Hardin
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/23/2001 - 0:03:25 Producer: Beck

AVC-2001-072-1/1 **Artificial Intelligence - Video File**
NASA software that thinks for itself and makes decisions without help from ground controllers will fly in 2002 onboard the Three Corner Sat spacecraft.
Audience: Gen. Edu. JPL NASA News Resource
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/24/2001 - 0:09:01 Producer: Semerano

AVC-2001-075-1/1 **Two Years of Martian Weather - Video File**
MGS images taken of the Martian surface on a daily basis for two years were made into animated movies showing the movement of clouds, dust and the receding polar ice cap.
Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Mary Hardin
Master: BCAMsp
Audio 1: Silent 2: Silent
05/30/2001 - 0:03:10 Producer: Semerano/Kline

AVC-2001-076-1/1 **Future of Science & Technology: Debates in the World Economic Forum**

VTV-904
Are we in control of our own Technology?
Is Reproduction an Inalienable Right?
When will we know it all?
Dr. Freeman Dyson discusses the scientific & technological issues raised in these debates and their interests to scientists & engineers.
Audience: JPL Site: von Kármán Aud.
Client: Liz Hurera

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
05/23/2001 - 1:26:30 Producer: Greg Parrillo

AVC-2001-081-1/1 **Catalina Eddy animation**
NASA/JPL animation of the Catalina Eddy off the Southern California coast.
Audience: News Resource
Client: Sullivant
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/11/2001 - 0:00:30 Producer: Kline

AVC-2001-083-1/1 **Earth & Mars at Opposition - Video File**
This animation depicts Mars and Earth at Opposition, when the two planets are as close to each other as the geometry of their orbits will allow. On June 21, 2001, Mars and Earth will be the closest they have been since 1988: 42 million miles.
Audience: JPL NASA
Client: Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/18/2001 - 0:00:59 Producer: Kline

AVC-2001-084-1/1 **VPMA - Volunteer Professionals for Medical Advancement - Short Version**
A new review of a ten year old JPL Retiree's Hospital Project (VPMA). Presents five hospital tasks to interest technical retiree's all over the U.S. to form their own VPMA project in the VPMA national program. ** SHORT VERSION **
Audience: Gen. Edu. JPL Site: JPL TV Studio
Client: Herman Bank
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/19/2001 - 0:13:50 Producer: Greg Parrillo

AVC-2001-086-1/1 **Hawaiian Wake - Video File**
This animation shows how the Hawaiian Islands, standing tall in the middle of the steady trade winds, trigger an extraordinary interaction between wind and ocean that extends thousands of kilometers downward. Data from Earth-observing satellites was used to create this animation.
Audience: NASA News Resource

Client: NASA TV/Sullivant
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/20/2001 - 0:00:47 Producer: Savona

AVC-2001-087-1/1 **von Kármán Lecture Series - "From Galileo to Gossamer"**
VTV-905

This lecture examines how telescope technology has evolved over the centuries and how it will soon produce the most advanced space observatories ever built by humans. Inflatable "Gossamer" antennas will allow us to view neighboring black holes with 3,000 times better resolution than Hubble.

Audience: Gen. Edu. Site: von Kármán Aud.
Client: Comm. & Education
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/21/2001 - 1:10:27 Producer: Savona

AVC-2001-089-1/1 **Artificial Intelligence (A.I.) Webcast**

A look at current A.I. work at JPL and questions from viewers are answered by Dr. Edward Tunstel - FIDO engineer, Dr. Larry Matthies - machine vision, Barbara Engelhardt & Russell Knight - autonomous operation. Alice Wessen hosted. URBIE the rover appeared live.

Audience: Gen. Site: JPL
Client: Reichley
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/29/2001 - 0:32:37 Producer: Kline/Semerano

AVC-2001-090-1/1 **Genesis Pre-launch - Video File**

Genesis, a mission to the Sun to collect solar wind and return it to Earth, will launch July 30, 2001. The samples it brings back in a spectacular helicopter capture will help scientists learn over the next century about the origins of the solar system.

Audience: NASA News Resource
Client: NASA TV/Heil
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/02/2001 - 0:14:48 Producer: Savona

AVC-2001-093-1/1 **NASA's Jet Propulsion Laboratory Machine Shop - Video File**

In the technical shop at NASA's JPL, diverse individuals blend craftsman skills in modern computerized technology to fabricate mechanical prototypes and hardware for Earth and

space exploration projects.
Audience: Gen. Edu. JPL NASA News Resource
Client: Scafidi
Master: Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/05/2001 - 0:15:00 Producer: Semerano

AVC-2001-094-1/1 **Native American Educator Workshops - Video File**
Native American educators attend a two-week workshop at the NASA/JPL Educator Resource Center in Pomona, Calif. Teachers learn to increase student involvement while preserving Native American traditions. A highlight is the construction of an inflatable planetarium.
Audience: JPL NASA News Resource
Client: Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/06/2001 - 0:13:24 Producer: Kline

AVC-2001-095-1/1 **VPMA - Volunteer Professionals for Medical Advancement - Hospital Ver.**
A new review of a ten year old JPL Retiree's Hospital Project (VPMA). Presents five hospital tasks to interest technical retiree's all over the U.S. to form their own VPMA project in the VPMA national program. ** (HOSPITAL VERSION) **
Audience: Gen. JPL
Client: Herman Bank
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/09/2001 - 0:17:55 Producer: Greg Parrillo

AVC-2001-097-1/1 **Mars Dust Storm - Video File**
This animation shows the largest dust storm seen on Mars since the MGS spacecraft arrived in 1997. The MGS Thermal Emission Spectrometer instrument has been mapping the temperature and amount of dust in the Martian atmosphere for over one Mars year (approx. 2 Earth years)
Audience: News Resource
Client: M. Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/09/2001 - 0:01:20 Producer: Beck

AVC-2001-098-1/1 **Genesis Mission & Science Pre-Launch News Conference**
VTV-906 Panelists: Dr. Jay Bergsrath, Office of Space

Science/NASA HQ
Dr. Donald Burnett, Genesis Principal Investigator/Caltech
Chester Sasaki, Genesis Project Manager/JPL
Dr. Mernakshi Nadhwa, Cosmochemist/Chicago, IL
Audience: Tech. NASA Site: NASA HQ
Client: Martha Heil-MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/11/2001 - 0:41:31 Producer: HQ (Ziats)

AVC-2001-099-1/1 **Genesis Phase One**
Overview of the Genesis Mission to collect solar wind and return it to Earth. Includes interviews with project members, footage of the clean room, Sun and spacecraft.
Audience: Edu. JPL News Resource Site: Various sites
Client: McRel/Gil Yanow
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/13/2001 - 0:06:57 Producer: Savona

AVC-2001-100-1/1 **Jupiter from Above - Video File**
Unexpectedly persistent polar weather patterns on Jupiter appear in a new movie clip from NASA's Cassini spacecraft showing 70 days of cloud movements on Jupiter.
Audience: NASA News Resource
Client: NASA TV/Webster, Org. 180
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/13/2001 - 0:07:22 Producer: Savona

AVC-2001-101-1/1 **Volcano Research Erupts - Video File**
One of the best and safest ways to study volcanoes is from space. New spaceborne instruments let scientists peer deeply into volcanoes, monitor their changes and learn more about their behavior.
Audience: NASA News Resource
Client: NASA TV/Sullivant
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
07/16/2001 - 0:19:47 Producer: Savona

AVC-2001-102-1/1 **vKA Lecture - "Mars Exploration: From the Vikings to the 21st Century"**

VTV-907 --von Kármán Lecture Series--
Mars Exploration Rover Science Manager, Dr. John Callas explains how the Viking missions paved the way for current

projects to explore Mars and changed our view of Mars and Earth.

Audience: Gen. Edu. Site: von Kármán Aud.

Client: Comm. & Education, Org. 180

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/19/2001 - 1:12:18 Producer: Savona

AVC-2001-105-1/1 **Viking 25th Anniversary Video**

A look back at the Viking 1 landing day on July 20th, 1976, as well as a look into the future of Mars exploration.

Contains interviews with Tom Young, Viking Mission Director, and Jim Martin, Viking Project Manager.

Audience: Edu. JPL Resource

Client: Christine Johnson

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/20/2001 - 0:06:45 Producer: Johnson/Beck

AVC-2001-106-1/1 **Altair, A Fast Spinning Star - Video File**

For the first time ever, a star spinning so fast its mid-section has stretched out has been observed by scientists using the Palomar Testbed Interferometer. An animation shows the relative spin and shape of Altair as compared with our Sun.

Audience: Gen. Edu. JPL NASA News Resource

Client: NASA TV/Platt

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/23/2001 - 0:05:49 Producer: Semerano

AVC-2001-111-1/1 **Volcanic Encounter at Io's North Pole - Video File**

NASA's Galileo spacecraft will skim over the north pole of Jupiter's moon Io at 12:59 a.m. EDT Aug. 6, 2001 (9:59 p.m. PDT Aug. 5, 2001). The encounter will put the durable space robot in a good position to examine the site of a dramatic recent volcanic eruption.

Audience: NASA News Resource

Client: NASA TV/Webster

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

07/31/2001 - 0:07:54 Producer: Savona

AVC-2001-112-1/1 **Comet-Bound Device MIRO Crosses Atlantic - Video File**

NASA's Jet Propulsion Laboratory has shipped a unique scientific instrument to the Netherlands that will ride on

the European Space Agency's Rosetta mission to a comet. The device, named Microwave Instrument for Rosetta Orbiter (MIRO) will begin orbiting Comet Wirtanen in Nov. 2011.
Audience: NASA News Resource
Client: NASA TV/Heil
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/03/2001 - 0:09:38 Producer: Savona

AVC-2001-114-1/1 **Genesis Launch & Signal Acquisition with Commentary**
NASA TV coverage of the Genesis spacecraft launch and Signal Acquisition from the spacecraft. Genesis, a mission to the Sun to collect solar wind and return it to Earth, launched on August 8, 2001, aboard a Delta II launch vehicle.
Audience: News Resource
Client: Media Relations
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/08/2001 - 0:59:00 Producer: KSC/Savona

AVC-2001-116-1/1 **Mars Webcast**
Host Claudia Alexander with guests Roger Gibbs and Jeff Plaut.
Audience: Gen.
Client: S. Reichley
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/04/2001 - 0:30:00 Producer: Beck

AVC-2001-119-1/1 **Weird Spires on Jovian Moon - Video File**
The highest-resolution views ever obtained anywhere outside the asteroid belt were captured by NASA's Galileo spacecraft when it flew near Jupiter's moon Callisto in May 2001. One image shows spiky landscape of bright ice and dark dust; and the first complete color global of Callisto.
Audience: NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
08/20/2001 - 0:04:19 Producer: Savona

AVC-2001-123-1/1 **Tumbleweed Rover - Video File**
The "Tumbleweed Rover", is a giant, lightweight, inflated ball, with instruments inside, that could explore the Martian surface powered by wind. An animation shows how

this concept might look when deployed on Mars. Jack Jones is interviewed.

Audience: Gen. Edu. JPL NASA News Resource

Client: NASA TV/Martinez

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/24/2001 - 0:07:25 Producer: Semerano

AVC-2001-125-1/1
VTV-908

von Kármán Lecture Series - "Earthquake Prediction"

--von Kármán Lecture Series--

In Dr. Lucy Jones' talk about a practical approach to an impossible problem of earthquake prediction, Dr. Jones describes how scientists are moving from trying to predict individual events to evaluating the consequences of probability rates.

Audience: Gen. Edu.

Site: von Kármán Aud.

Client: Comm. & Education

Master: BCAMsp Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

08/30/2001 - 1:16:24 Producer: Savona

AVC-2001-128-1/1

Challenges of Getting to Mars: Aerobraking

Part one in a series of four demonstrating the challenges of getting a spacecraft to Mars. This video describes how aerobraking is achieved. Mars Odyssey team members, Bob Mase, John Smith, and Dave Spencer explain how its done.

Audience: Gen.

Client: C. Johnson

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/18/2001 - 0:03:42 Producer: Beck

AVC-2001-129-1/1

Challenges of Getting to Mars: Interplanetary Cruise

Part two in a series of four demonstrating the challenges of getting a spacecraft to Mars. This video describes maneuvers performed during interplanetary cruise. Mars Odyssey team members, Bob Mase, Randii Wesson, and Larry Bryant explain how its done.

Audience: Gen.

Client: C. Johnson

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/19/2001 - 0:03:21 Producer: Beck

AVC-2001-130-1/1
VTV-910

von Kármán Lecture Series - "Extra-Terrestrial Life"

Dr. Pamela Conrad from JPL's Center for Life

Detection presents some of the latest ideas for searching for life beyond Earth. Research is based on the idea that even though life elsewhere may assume a different form there may be universal features that can be detected.

Audience: Gen. Edu. JPL Resource Site: von Kármán Aud.

Client: Office of Comm/Edu.

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/20/2001 - 1:08:00 Producer: Semerano

AVC-2001-131-1/1 **Deep Space 1 Encounters a Comet - Video File**

NASA's Deep Space 1 spacecraft collected images and other information as it flew near a comet named Borrelly on Sept. 22, 2001. The comet flyby was a successful bonus after the spacecraft had completed its primary task of test flying several advanced technologies.

Audience: Gen. JPL NASA News

Client: Martha Heil

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/24/2001 - 0:22:55 Producer: Kline

AVC-2001-133-1/1 **Seeing and Tasting Io's Tallest Plume - Video File**

NASA's Galileo spacecraft flew through a giant volcanic plume emanating from Jupiter's moon Io. This video file includes stills from Galileo's encounter, an animation of Galileo passing through a volcanic plume on Io and interviews with scientists Dr. Claudia Alexander & Dr. Rosaly Lopes.

Audience:

Client: Webster

Master: Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/03/2001 - 0:13:31 Producer: Kline

AVC-2001-134-1/1 **Deep Space 1 News Conference**

Pictures and other scientific data from the flyby of comet Borrelly by NASA's Deep Space 1 spacecraft was unveiled. Includes video file.

Participants: Dr. Tom Morgan, Dr. Marc Rayman, Dr. Robert Nelson, Dr. Larry Soderblom, Dr. David Young, Dr. Donald Yeomans

Audience: JPL NASA Site: von Kármán Aud

Client: Media Relations, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/25/2001 - 1:28:00 Producer: Beck

AVC-2001-135-1/1

Robotic Mini-Bulldozer - Video File

Researchers at NASA's Jet Propulsion Laboratory, are conducting basic research on a new breed of rover, with tiny scoops to dig up and dump soil into an overhead bucket. Many years into the future, rovers like these may be used to look for life and build a Mars outpost.

Audience: Gen. News Resource Site: JPL

Client: Carolina Martinez

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/07/2001 - 0:09:58 Producer: Semerano

AVC-2001-136-1/1

Challenges of Getting to Mars: Telecommunication

Part three in a series of four demonstrating the challenges of getting a spacecraft to Mars. This video describes the difficulties in communicating with a spacecraft. Mars Odyssey team members, Bob Mase, and Randii Wesson explain.

Audience: Gen.

Client: C. Johnson

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/01/2001 - 0:03:04 Producer: Beck

AVC-2001-137-1/1

Challenges of Getting to Mars: Orbit Insertion

Part four in a series of four demonstrating the challenges of getting a spacecraft to Mars. This video describes Mars Orbit Insertion (MOI). Mars Odyssey team members, Bob Mase, and Dave Spencer explain how its done.

Audience: Gen.

Client: C. Johnson

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/11/2001 - 0:03:42 Producer: Beck

AVC-2001-138-1/1

Space Science Update - The Perfect Storm on Mars

Science update discussing Dust Storms and their effects on Mars.

Panelists:

Dr. Jim Garvin Mars Prog. Scientist NASA-HQ;

Dr. Jim Bell Cornell Univ.;

Dr. Phillip Christensen Arizona State Univ.;

Dr. Michael Malin, Malin Space Systems;

Dr. Richard Zurek JPL.

Q & A follows. Briefing begins after 4 min. Graphics preroll

Audience: Gen. News Site: NASA-HQ
Client:
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/11/2001 - 1:02:00 Producer: HQ [Borst]

AVC-2001-139-1/1 **GAVRT - Team Work in Science and Education - May 4, 2001 - Edited**

GAVRT - Team work in Science and Education event in von Kármán Auditorium. Participating students and teachers are honored for activities they did on C-JMOC. Dr. Charles Elachi, Gael Squibb, Dan Goldin, Congressman Jerry Lewis, Rick Piercy of Lewis Center. EDITED VERSION
Audience: Edu.
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix AVC 2001-062
10/12/2001 - 0:38:25

AVC-2001-141-1/1 **Mars Odyssey Pre-Arrival - Video File**

Trajectory animation, Cruise animation,
Trajectory Correction Maneuver animation,
Stow animation, MOI 1 animation, MOI 2 animation,
MOI close-up, Aerobraking close-up and Aerobraking wide shot
Audience: Edu. NASA News Resource
Client: NASA TV/Hardin
Master: BCAMsp Submaster: BCAMsp
Audio 1: Silent 2: Silent
10/17/2001 - 0:10:13 Producer: Savona

AVC-2001-142-1/1 **von Kármán Lecture Series - "The Earth as Seen from Space"**

VTV-912

Dr. Robert Parker shows both familiar and unfamiliar locales from 200 miles up, and illustrates what we can learn about different characteristics of various features such as earthquake faults, volcanoes, clouds and currents.
Audience: Gen. Edu. Site: von Kármán Aud.
Client: Office of Comm./Edu.
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/18/2001 - 1:01:44 Producer: Savona

AVC-2001-147-1/1 **Mars Odyssey Animation - Video File**

Video file for 2001 Mars Odyssey's Mars Orbit Insertion, including animations of the spacecraft's journey from Earth to Mars, flight path and engine firing for Mars Orbit Insertion, and science animations for Odyssey's three

instruments: MARIE, THEMIS, and GRS.
Audience: News Resource Site: JPL
Client: M. Hardin
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/22/2001 - 0:12:00 Producer: Beck/Johnson

- AVC-2001-149-1/1 **2001 Mars Odyssey Pre-Arrival News Conference**
Discussed the critical orbit insertion burn.
Participants:
Dr. Jim Garvin, Mars Program Scientist, NASA HQ;
David A. Spencer, Odyssey Mission Mgr., JPL;
Bob Mase, Odyssey Lead Navigator, JPL;
Roger Gibbs, Odyssey Deputy Project Mgr., JPL;
Matt Landano, Odyssey Project Mgr, JPL.
Audience: Gen. News Resource Site: von Kármán Aud.
Client: Mary Hardin/MRO, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/18/2001 - 0:37:12 Producer: Beck
- AVC-2001-150-1/1 **NASA Administrator Daniel Goldin's Announcement of Resignation**
VTV-913
Administrator Dan Goldin was appointed NASA
Administrator April, 1, 1992, by President George H.W, Bush
and became the Agency's longest-serving chief on March 5,
2001.
Audience: Edu. News Site: NASA
Client: NASA TV
Master: BCAMsp Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
10/18/2001 - 0:25:50 Producer: NASA
- AVC-2001-151-1/1 **2001 Mars Odyssey Orbit Insertion Live Commentary**
VTV-914
Commentator: David Seidel (7:00PM - 8:30PM)
Interviews with: Orlando Figueroa, NASA Mars Program
Director;
Robert Mase, Odyssey Lead Navigator;
Roger Gibbs, Odyssey Department Project Manager.
Audience: News Resource Site: BLDG. 230
Client: Media Relations
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/23/2001 - 1:26:00 Producer: Beck
- AVC-2001-152-1/1 **2001 Mars Odyssey Post Arrival Quick-Look News Conference**
VTV-915
Moderator: Jane Platt, JPL Media Relations

Presenters: Dan Goldin, NASA Administrator
Matt Landano, Odyssey Project Manager, JPL
A quick look at orbit insertion maneuver and congratulations
to the team.

Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/23/2001 - 0:13:52 Producer: Savona

AVC-2001-153-1/1
VTV-916

Dan Goldin Addresses JPL

Intro: Dr. Charles Elachi, JPL Lab Director thanks
Dan Goldin for all the support he has given JPL throughout
the years as NASA's Administrator.
Dan Goldin congratulates the Mars Odyssey Team for a
successful orbit insertion and thanked JPLers for all their
hard work. No Q&A.

Audience: Tech. JPL Site: von Kármán Aud
Client: Blaine Baggett, Org. 1800
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/24/2001 - 0:20:00 Producer: Savona

AVC-2001-154-1/1
VTV-917

2001 Mars Odyssey Post-Arrival Summary News Conference

Moderator: Jane Platt, JPL Media Relations
Presenters: Dan Goldin, NASA Administrator
Matt Landano, Odyssey Project Manager, JPL; Bob Mase,
Odyssey Lead Navigator, JPL; Bob Berry, Lockheed Martin;
Dave Spencer, Odyssey Mission Manager and Dr. Steve
Saunders, Odyssey Scientist

Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/24/2001 - 0:25:37 Producer: Savona

AVC-2001-156-1/1

2001 Mars Odyssey Arrival Day Compilation

Beginning with the official MOI day opening used for the
live broadcast, then back to Odyssey launch, separation and
animated journey to Mars and ending with celebratory footage
of Odyssey team members in the Mission Support Area on
October 23rd.

Audience: Gen.
Client: Charles Elachi
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

10/24/2001 - 0:04:45 Producer: John Beck

AVC-2001-157-1/1 **Computerized Eye Test - Video File**

A physicist at NASA's Jet Propulsion Laboratory, has created a five-minute vision test using a laptop computer with a touch-sensitive screen. The test can help diagnose the onset of eye diseases and can be administered almost anywhere.

Audience: Gen. News

Client: Carolina Martinez

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/26/2001 - 0:08:32 Producer: Semerano

AVC-2001-158-1/1 **Passport to Knowledge: "Live from Mars 2001"**

Passport to Knowledge series for NASA/NSF/NOAA. Aired live on PBS and NTV to classrooms.

This interactive show focused on the Mars Odyssey Mission one week after orbit insertion around Mars. Live video from the JPL Odyssey Mission Support Area (MSA) and the JPL Visitor Center. Hosted by Kurt Williams. Science Guests: Roger Gibbs, Vicky Hamilton, John Callas & David Seidel. Stephenie Lievens read e-mail questions.

See <http://passporttoknowledge.com> to purchase video and teacher's guide.

Audience: Gen. Edu. Site: JPL

Client: Passport to Knowledge, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

10/30/2001 - 1:00:00 Producer: Geof Hanes-Stiles

AVC-2001-159-1/1 **Mars Mini-Bulldozer Rover - Web Production**

Narrated production with music for the web about the Mars Mini-Bulldozer which may one day be used on Mars for both the exploration of the planet as well as help build outposts and habitats for a possible human presence.

Audience: Gen. Site: JPL

Client: Viotti

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

10/31/2001 - 0:01:18 Producer: Semerano

AVC-2001-162-1/1 **Ultra-Violet Camera - Web Production**

Narrated production for the web about how certain living things possess bio-markers invisible to the naked eye yet can be seen through an ultra-violet camera developed at

JPL, presenting the possibility that such a device could be used to try to detect life on other planets and moons.

Audience: Gen.

Client:

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/08/2001 - 0:00:57 Producer: Semerano

AVC-2001-163-1/1 **GRACE Project Personnel Interviews**
Ab Davis, Mike Watkins and Victor Zlotnicki discuss the GRACE project and their roles in it.
Zlotnicki repeats his comments in Spanish.
Audience: Edu. Resource
Client: Srinivasan
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/12/2001 - 0:44:02 Producer: Kline

AVC-2001-165-1/1 **Jason 1 Ocean-Viewing Satellite Set for Launch - Video File**
The Jason 1 satellite will catch the torch from the Topex/Poseidon mission in continuing observations and making precise measurements of ocean surface topography. Jason 1 will study interactions of the oceans and atmosphere and observe events like El Nino.
Audience: News Resource
Client: NASA TV/Buis
Master: Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/14/2001 - 0:10:57 Producer: Savona

AVC-2001-166-1/1 **2001 Leonid Meteor Shower - Video File**
Animations, stills and an interview with JPL astronomer Dr. Don Yeomans explain why the November 2001 Leonid meteor shower is expected to give its best showing in decades.
Audience: JPL NASA News Resource
Client: Heil
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/14/2001 - 0:10:02 Producer: Kline

AVC-2001-167-1/1 **Compilation of Mars Videos**
VTV-919
Odyssey pre-launch video -15mins, Odyssey launch -3mins, The Pathfinders -35:30, MGS Final Orbit -3mins, Viking 25th Anniversary -6:45, Mars Orbit Insertion Event -4:45, 2003 Rover animation -2mins, The Pathfinders (3 minute version)

Audience: Gen. Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/14/2001 - 1:15:00 Producer: Beck

AVC-2001-168-1/1 **Cassini on the Lookout for Gravitational Waves - Video File**

An experiment starting on Nov. 26, 2001, uses radio links between Earth and a distant NASA spacecraft to search for gravitational waves. Gravitational waves could provide a new way to examine events that set them off, such as the Big Bang or formation of black holes.
Audience: NASA News Resource
Client: NASA TV/Webster
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/16/2001 - 0:09:48 Producer: Savona

AVC-2001-169-1/1 **Altair: A Fast Spinning Star - Web Production**

For the first time ever a star has been observed spinning so fast that its midsection is stretched, as observed by the Palomar Interferometry Testbed.
Audience: Gen. News Resource Site: JPL
Client: Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/18/2001 - 0:01:07 Producer: Semerano

AVC-2001-170-1/1 **Jason 1 Pre-Launch Science Briefing**

Presenters: Dr. Ghassem R. Asrar, Assoc. Admin. for Earth Science-NASA; Dr. Eric Lindstrom, Oceanography Prog. Scientist; Dr. Nicole Papineau, Atmospheric Climate & Ocean-CNES & Charles Yamarone, Deputy Dir. of Earth Science & Tech.-JPL; Dr. Lee-Lueng Fu, Jason 1 Scientist
Audience: News Resource Site: NASA HQ
Client: Jason 1 / MRO
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/19/2001 - 0:54:00 Producer: HQ [Ziats]

AVC-2001-174-1/1 **2001 Mars Odyssey Launch, Telemetry Acquisition and Orbit Insertion**

Launch: April 7, 2001
Orbit Insertion: October 23, 2001
Audience: Resource
Client: Terry Himes
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
11/27/2001 - 1:30:55 Producer: Kline

AVC-2001-177-1/1 **GRACE animation - excerpted from "The Oceans' Role in Climate"**

Animation shows how the GRACE mission measures Earth's varying gravity field very precisely.

GRACE = Gravity Recovery and Climate Experiment.

1. Narrated - (Textless Version)

followed by 10 seconds of black:

2. Texted - (Texted Version)

Audience: JPL Resource

Client: Mona Jasnow

Master: BCAMsp

Audio 1: Stereo 2: Stereo

11/28/2001 - 0:02:08 Producer: Kline/Savona

AVC-2001-179-1/1 **Rocking & Rolling Comet Borrelly - Video File**

Pictures taken from Deep Space 1's close flyby of Borrelly reveal jets and a rocky surface on the comet.

Audience: News Resource

Client: Heil

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/28/2001 - 0:03:29 Producer: Kline

AVC-2001-180-1/1 **von Kármán Lecture Series - "The Hunt for Earth-like Planets"**
VTV-920

Dr. Charles Beichman, Chief Scientist for NASA's Origins Program, uses slides and animations that show how new technologies are being developed for finding smaller, Earth-like planets likely to harbor life around distant stars.

Audience: Gen. Site: JPL

Client: Public Services, Org. 1840

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/29/2001 - 1:21:00 Producer: Semerano

AVC-2001-181-1/1 **Genesis' Solar Wind Sampler Picks Particles - Video File**

The Genesis mission begins collecting solar wind particles by opening up its collector arrays and turning on its instruments to allow the heavy atoms of the solar wind to embed themselves.

Interview with Dr. Donald Burnett, Genesis principal investigator.

Audience: NASA News Resource

Client: NASA TV/Heil

Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
11/30/2001 - 0:14:31 Producer: Savona

AVC-2001-182-1/1 **Martian South Pole Mesas and Pits in Frozen Carbon Dioxide**
Shows flyover of south polar region, dissolve between frozen layered terrain, animation of Mars Global Surveyor, and Zoom in of rotating Mars South Polar region.
Audience: Resource
Client: M. Hardin
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/01/2001 - 0:05:00 Producer: Beck

AVC-2001-188-1/1 **VPMA- Volunteer Professionals for Medical Advancement- Retiree V3**
A new review of a ten year old JPL Retiree's Hospital Project (VPMA). Presents five hospital tasks to interest technical retiree's all over the U.S. to form their own VPMA project in the VPMA national program. ****(RETIREE UPDATED VERSION)**** Includes Bank modification.
Audience: Gen. News
Client: Herman Bank
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/05/2001 - 0:20:00 Producer: Greg Parrillo

AVC-2001-189-1/1 **Jason 1 Launch - Video File**
NASA's Jason 1, an Earth-observing satellite, was launched Dec. 7, 2001, from Vandenberg Air Force Base, Calif. Jason 1 will monitor global climate interactions between the sea and the atmosphere.
1. Launch 2:02
2. Family & friends observe the launch :30
Audience: News Resource
Client: Buis
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/07/2001 - 0:04:23 Producer: Kline

AVC-2001-190-1/1 **Jason 1 Launch - Off-air**
Jason 1 launch from Vandenberg Air Force Base, Calif. This is a continuous recording as it came from the satellite. Some of the video is flawed due to transmission problems at Vandenberg -- particularly the launch itself.
Audience:
Client: Alan Buis

Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/07/2001 - 1:40:00 Producer: Kline

AVC-2001-192-1/1
VTV-922

von Kármán Lecture Series - "The Ends of the Earth"
Benjamin Holt, Research Scientist, Polar
Oceanography Group, presents the most recent findings which
show how the Arctic and Antarctic regions affects the
Earth's climate.
Audience: Gen. Site: JPL
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/13/2001 - 1:10:00 Producer: Semerano

AVC-2001-193-1/1

Cliff-bot Rover - Video File
Researchers at NASA's Jet Propulsion Laboratory are
developing a new breed of rovers that may explore the steep
hills and gullies of the Red Planet. Called "cliff-bots",
these rovers work in teams of three.
Audience: Gen. News Resource Site: JPL
Client: Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/14/2001 - 0:13:52 Producer: Semerano

AVC-2001-194-1/1

Goodbye to Deep Space 1 - Video File
NASA's wildly successful Deep Space mission ends on December
18, 2001. The mission was extended and the spacecraft flew
by comet Borrelly in September 2001, producing the
highest-resolution pictures of a comet ever taken.
Audience: Tech. NASA Resource
Client: NASA TV/Heil
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/14/2001 - 0:13:41 Producer: Savona

AVC-2001-196-1/1

"The Cliffbot: A Future Robotic Rover" - Webcast
The cliffbots are rovers that may one day explore the sides
of channels on Mars. Working in teams of three, the rovers,
like mountain climbers on Earth, can help each other descend
down deep slopes as they search for evidence of past water
flows and even fossilized life on the Red Planet.
Audience: Gen. News
Client: Viotti
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
12/20/2001 - 0:01:28 Producer: Semerano

AVC-2001-197-1/1 **"Goodbye to Deep Space 1" - Web Production**
NASA's wildly successful Deep Space mission ends on December 18, 2001. The mission was extended and the spacecraft flew by comet Borrelly in September 2001, producing the highest-resolution pictures of a comet ever taken.
Audience: Gen. News
Client: Heil/Reichley
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/18/2001 - 0:01:30 Producer: Savona

AVC-2001-198-1/1 **"Rover Roundup: A New Generation of Robotic Explorers" - Webcast**
The Tumbleweed, Cliffbot, Mini-bulldozer and Worker-crew robots are four new robotic explorer designs that use different strategies to explore the surface of Mars and may one day prepare the way for human habitation.
Audience: Gen. News
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/24/2001 - 0:01:58 Producer: Semerano

AVC-2002-002-1/1 **Robotic Work Crew - Video File**
Robotic systems that can work together to complete tasks are currently under development at NASA's Jet Propulsion Laboratory. Teams of rovers that can assemble solar arrays and build a base may one day be deployed to Mars to help construct a scientific station or even build a human habitat.
Audience: Gen. JPL NASA News Resource
Client: Martinez
Master: BCAMsp Submaster: DVCP25
Audio 1: Mono mix 2: Mono mix
01/07/2002 - 0:13:46 Producer: Semerano

AVC-2002-003-1/1 **Cryobot Passes Arctic Test - Video File**
NASA's Cryobot team braves freezing weather on Arctic Glacier to successfully test probe. Dramatic footage of team at work on glacier as well as interview with Cryobot Task Manager Lloyd French.
Audience: Gen. News
Client: NASA HQ
Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
01/08/2002 - 0:18:10 Producer: Beck

AVC-2002-004-1/1

Galileo Says Bye Bye to Io - Video File

NASA's durable Galileo spacecraft makes its last flyby to Jupiter's moon Io. This flyby is just 100 kilometers (62 miles) above Io's surface.

An edited web production follows the video file. It is 1:28 in length.

Audience: Gen. JPL NASA News Resource

Client: NASA TV/Webster

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/11/2002 - 0:12:48 Producer: Savona

AVC-2002-005-1/1
VTV-971

"Women in Science-Mentors at NASA's Jet Propulsion Laboratory"

A discussion among women scientists at JPL about their experiences and efforts in encouraging young students to get involved in science & engineering. Presented in a talk show format and hosted by Stephenie Lievens, the participants answered questions from the audience & the Chabot Center.

Audience: Gen. JPL

Client: Stephenie Lievens

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/13/2001 - 1:01:00 Producer: Semerano

AVC-2002-006-1/1

Passport to Knowledge - Live from Mars Demo

A shortened version of the Odyssey Orbit Insertion showing highlights of the hour long live show.

Audience: Resource

Client: M. Viotti

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/14/2001 - 0:05:00 Producer: Stiles/Beck

AVC-2002-007-1/1

NASA Releases Continental U.S. SRTM Data - Video File

NASA's Jet Propulsion Laboratory, Pasadena, Calif., has released the high-resolution topographic data of the continental United States collected during the February 2000 Shuttle Radar Topography Mission. Includes flyovers of California and high-resolution images.

Audience: Gen. JPL NASA News Resource

Client: NASA TV/Buis

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
A 1:53 Web Production follows video file
01/18/2002 - 0:23:52 Producer: Savona

AVC-2002-008-1/1 **SRTM's Flyovers of California and San Francisco and Web Production**

NASA's Jet Propulsion Laboratory created these 3-D flyovers of California and the San Francisco area from Shuttle Radar Topography Mission (SRTM) data.

1st on tape is California flyover with slate;

2nd on tape is San Francisco flyover with slate;

Repeats once without slates; And web production. follows.

Audience: Gen. Edu. Resource

Client: Mona Jasnow

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

A narrated web production follows flyovers.

01/23/2002 - 0:08:07 Producer: Savona

AVC-2002-010-1/1 **von Kármán Lecture Series - "The Winds and Beyond"**
VTV-925

Dr. Mike Spencer discusses how radar placed in orbit can help observe the Earth's climate. Radar instruments are able to penetrate clouds and "see" phenomena which are unobservable to conventional satellite-based cameras.

Audience: Gen.

Site: v.k. auditorium

Client: PSO/Razze

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/24/2002 - 0:54:30 Producer: Savona

AVC-2002-012-1/1 **NASA Administrator Sean O'Keefe's Inaugural Visit - Video File**

The new head of NASA, Sean O'Keefe escorted by JPL Director, Dr. Charles Elachi tours the laboratory and afterward addresses JPL employees in von Kármán auditorium.

Audience: Gen. JPL NASA News Resource Site: JPL

Client: NASA TV/McGregor

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/30/2002 - 0:06:37 Producer: Semerano/Savona

AVC-2002-013-1/1 **Odyssey Team Graveyard Shift**

Pete Antreasian, Darren Baird & Brian Kennedy are Odyssey Navigators who give a glimpse into what it has been like working the graveyard shift at JPL. They've been working around the clock as they end the Odyssey spacecraft's aerobraking phase and begin preparations for the mapping

phase.
Audience: Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/31/2002 - 0:03:00 Producer: Beck/Johnson

AVC-2002-014-1/1 **"Supercomputer Simulates Black Hole Energy Jets" - Video File**

Scientists used a supercomputer to mimic a swirling black hole squirting powerful energy jets. This technique is similar to weather prediction methods.

Audience: Gen. Edu. News Resource

Client: Jane Platt

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/01/2002 - 0:06:00 Producer: Semerano

AVC-2002-022-1/1 **30 yrs. of Remote Sensing Experience Shines at 2002 Olympics-Vid File**

A collection of specially rendered satellite imagery designed to highlight the Salt Lake City region. Included is a 20-second 3-D tour of the Olympic venues, a look at seasonal change near Salt Lake, a glimpse at some of the profound changes over the past 30 yrs near Salt Lake City and a look at how data from satellites are now being used to build advanced "Virtual Climate" models that can help predict seasonal changes (snowfall amounts) in the region.

Audience: Tech. NASA Site: NASA HQ

Client: Media Relations, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/08/2002 - 0:28:00 Producer: NASA HQ

AVC-2002-023-1/1 **VPMA Story IV**

A new review of a ten year old JPL Retiree's Hospital Project (VPMA). Presents five hospital tasks to interest technical retiree's all over the U.S. to form their own VPMA project in the VPMA national program.

Audience: Resource

Client: Herman Bank

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/10/2002 - 0:20:20 Producer: Kline

AVC-2002-028-1/1 **Journey to the Planets and Beyond: Mariner 2 and Voyagers 1 and 2**

In this new museum dedication and celebration marking the 40th anniversary of Mariner 2 and the 25th anniversary of

Voyager 1 and 2, Dr. William Pickering, Dr. Bruce Murray, Dr. Ed Stone and Dr. Charles Elachi give their historical perspectives.

Audience: JPL Resource Site: von Kármán Aud.

Client: Blaine Baggett

Master: BCAMsp Submaster: DVCPRO25

Audio 1: Mono mix 2: Mono mix

02/15/2002 - 0:21:51 Producer: Savona

AVC-2002-029-1/1 **Black History Month - Video File**

In celebration of Black History Month engineers at NASA's Jet Propulsion Laboratory, Pasadena, Calif., discuss their contributions to the future of NASA and JPL missions.

Audience: Gen. News Site: JPL

Client: Xaviant Ford/MRO, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/20/2002 - 0:07:32 Producer: Parrillo/Semerano

AVC-2002-030-1/1 **"Dark Vortex near Jupiter's North Pole" - Video File**

Ultraviolet movie of Jupiter by Cassini gives polar view of high atmosphere including a dark vortex.

Audience: News Resource

Client: Guy Webster

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/21/2002 - 0:07:59 Producer: Semerano

AVC-2002-032-1/1 **Genesis Webcast - for Introduce a Girl to Engineering Day**

Teacher and students perform gravity experiments. Jennie Johannesen, Trajectory Analyst, and Chet Sasaki, Genesis Project Manager, answer questions from students about gravity and the Genesis project.

Audience: Gen. JPL

Client: Martha Heil

Master: BCAMsp

Audio 1: Stereo 2: Stereo

02/21/2002 - 0:12:25 Producer: Henry Kline

AVC-2002-033-1/1 **von Kármán Lecture Series - "Artificial Muscles"**

VTV-929

Dr. Yoseph Bar-Cohen reviews current and future efforts being made and considered with electroactive polymer materials which can potentially provide actuation with lifelike response and flexible configurations.

Audience: Gen. Site: von Kármán Aud.

Client: PSO/Razze

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/21/2002 - 1:02:15 Producer: Savona

AVC-2002-036-1/1 **"Dark Vortex Near Jupiter's North Pole" - Web Production**

The ultra-violet camera on-board the Cassini spacecraft images a never before seen dark vortex swirling around Jupiter's north pole, in this production for the web narrated by Dr. Robert Wise.

Audience: Gen. JPL NASA News

Client: Guy Webster

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/25/2002 - 0:01:32 Producer: Semerano

AVC-2002-037-1/1 **"Magnetic Environment Whirls Around Jupiter" - Video File**

Studies of Jupiter's magnetosphere by Cassini and other spacecraft as reported in Nature papers. Animations show how Cassini mapped radiation belts around Jupiter.

Audience: News Resource Site: JPL

Client: Guy Webster

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/26/2002 - 0:10:20 Producer: Semerano

AVC-2002-038-1/3 **NASA's Posture Hearing on the FY 2003 Budget**

On Wednesday, February 27, NASA Administrator Sean O'Keefe appeared before the House Committee on Science, NASA Posture Hearing on the FY 2003 Budget. The hearing marked Mr. O'Keefe's first appearance before the House Committee as the NASA Administrator

Audience: Gen. News Resource

Client: McGregor

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

02/28/2002 - 1:00:00 Producer: NASA TV

AVC-2002-038-2/3 **NASA's Posture Hearing on the FY 2003 Budget**

On Wednesday, February 27, NASA Administrator Sean O'Keefe appeared before the House Committee on Science, NASA Posture Hearing on the FY 2003 Budget. The hearing marked Mr. O'Keefe's first appearance before the House Committee as the NASA Administrator

Audience: Gen. News

Client: McGregor

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix
02/28/2002 - 1:00:00 Producer: NASA TV

AVC-2002-038-3/3 **NASA's Posture Hearing on the FY 2003 Budget**
On Wednesday, February 27, NASA Administrator Sean O'Keefe appeared before the House Committee on Science, NASA Posture Hearing on the FY 2003 Budget. The hearing marked Mr. O'Keefe's first appearance before the House Committee as the NASA Administrator
Audience: Gen. News
Client: McGregor
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
02/28/2002 - 0:10:00 Producer: NASA TV

AVC-2002-040-1/1 **Mars Odyssey: Mapping Begins -- Press Briefing**
Press Briefing followed by graphics & video roll-ins.
Michael Meyer, Steve Saunders, Phil Christensen, Bill Boynton, Frank Cucinotta, Roger Gibbs.
00:36:47:00 - 00:41:05:00 = Graphics & video
NOTE: First minute of briefing is missing.
Audience: News Resource
Client:
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/01/2002 - 0:40:05 Producer: Beck/Kline

AVC-2002-041-1/1 **"Jupiter's Radiation Belts" - Web Production**
Dr. Scott Bolton, JPL physicist, narrates a web production highlighting Cassini's latest discoveries about Jupiter's radiation belts.
Audience: Gen. JPL NASA News
Client: Guy Webster
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/05/2002 - 0:01:28 Producer: Semerano

AVC-2002-044-1/1 **GRACE Pre-Launch Press Conference**
Panel:
Dr. Ghassem R. Asar, Associate Administrator for Earth Sciences;
Dr. Byron Tapley, Grace Principle Investigator;
Dr. Michael Watkins, Grace Project Scientist, JPL;
Mr. Rolf Huber, German Aerospace Center;
Dr. John L. LaBrecque, Mgr. Solid Earth & Natural Hazards Program.

Audience: News Resource Site: NASA HQ
Client: Alan Buis/MRO 1, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/07/2002 - 0:48:30 Producer: NASA HQ

AVC-2002-046-1/1 **von Kármán Lecture Series - "Autonomous Navigation for Urban Robots"**

VTV-930 Robert Hogg discusses mobile robots and demonstrates how JPL-built "Urbie" can travel on level surfaces, over curbs, up and down stairs, and over rubble using an autonomous navigation system that can avoid obstacles, along the way.

Audience: Gen. Edu. JPL Site: von Kármán Aud.
Client: Office Of Communication
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/12/2002 - 1:07:43 Producer: Savona

AVC-2002-049-1/1 **Grace - Video File**

ITEM 3-Amazing Grace: The best look yet at Earth's invisible gravity field-GSFC

Gravity-It's the unseen hand that roots humanity firmly to the ground and helps control the motion of the oceans. It's a force of nature like no other, working to pull two masses together. Just like the life it plants on the surface of the Earth, gravity is ever changing. When mass moves within the planet's atmosphere, ocean, land, or frozen surface (cryosphere), the gravity field moves as well. NASA's gravity recovery and climate experiment (Grace), launching in March 2002, will give scientists around the globe the most accurate look yet at the face of gravity and how it shapes our world.

Audience: News Resource Site: GSFC
Client: Xaviant Ford, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/19/2002 - 0:17:00 Producer: GSFC

AVC-2002-050-1/1 **Building Better Airbags - Web Video**

Mini-documentary about airbag testing at Plumbrook Lab.

Audience: JPL Resource
Client: Christine Johnson
Master: BCAMsp Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
03/21/2002 - 0:02:02 Producer: Beck/Kline

- AVC-2002-052-1/1 **Sally Ride's Science Festival - Video File**
 This community science festival was designed to encourage middle school girls to pursue their interests in science and math. B-roll and interviews with Dr. Ride and Dr. Andrea Donnellan, Geophysicist and Deputy Manager, Earth and Space Sciences, JPL.
 Audience: News Resource
 Client: Sharkey/Martinez
 Master: DVCPro25 Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 03/27/2002 - 0:06:09 Producer: Kline
- AVC-2002-054-1/1 **Asteroid 1950 DA - Video File**
 On March 16, 2880, asteroid 1950 DA will have a potential close encounter with Earth, which will most likely be a miss. Includes: radar images of rotating asteroid, still of trajectory, still of color radar image, and interview with Jon Giorgini, JPL senior engineer.
 Audience: News Resource
 Client: Heil
 Master: BCAMsp Submaster: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/02/2002 - 0:09:33 Producer: Kline
- AVC-2002-055-1/1 **Asteroid 1950 DA and its Encounter with Earth in A.D. 2880**
 Animations of statistical encounter of 1950 DA with the Earth in A.D. 2880, along with Arecibo radar movie from March 4, 2001 and descriptive text.
 Audience: JPL Resource Site: JPL
 Client: Jon Giorgini
 Master: BCAMsp Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 04/05/2002 - 0:07:00 Producer: SSV
- AVC-2002-057-1/1 **NASA Administrator Sean O'Keefe Outlines Agency's Future**
 VTV-932
 In his first major policy address since being sworn in as NASA Administrator in late 2001, Sean O'Keefe outlines the future direction of the space agency at Maxwell School of Syracuse University.
 Q&A followed address.
 Audience: Tech. NASA Site: Syracuse Univ.
 Client: NASA HQ, Org. 1820
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 04/12/2002 - 1:18:45 Producer: Borst

AVC-2002-058-1/1 **FIRST Robotics Southern California Regional Competition - Video File**

The competition took place April 4-6, 2002, at the Los Angeles Memorial Sports arena with sixty teams, comprised of high-school students and mentors. NASA and JPL sponsored over 35 of the teams. Volunteers from JPL served as team mentors.

Audience: NASA

Client: Sharkey

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

04/11/2002 - 0:12:00 Producer: Kline

AVC-2002-060-1/1 **NASA's Role in Studying the Ocean From Space - Video File**

Dr. W. Timothy Liu, QuickSCAT Project Scientist, Dr. William C. Patzert, JPL Oceanographer, and Dr. Michael M. Watkins, JPL GRACE Project Scientist, explain how GRACE, Jason 1, and Topex/Poseidon missions improve our knowledge of climate and weather forecasting.

Audience: Gen. Edu. NASA News Resource

Client: Buis

Master: DVCPRO25 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/11/2002 - 0:10:47 Producer: Kline

AVC-2002-066-1/1 **von Kármán Lecture Series - "The Changing Ozone Layer"**

VTV-934

Ross Salawitch discusses the steady erosion of the protective ozone layer during the past decades, is associated with emissions of industrially produced CFC's. Recently, scientists have found that subtle changes in Earth's climate may also play a role in ozone depletion.

Audience: Gen. Site: von Kármán

Client: Communication & Ed., Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/18/2002 - 1:08:54 Producer: Savona

AVC-2002-067-1/1 **Aqua Satellite Pre-Launch Press Briefing from NASA-HQ**

Briefing from HQ concerning Aqua mission launching from Vandenberg AFB. Panelists; Dr. Ghassem Asrar, Assoc. Admin. Earth Sciences NASA; Phil Sabelhaus Aqua Proj. Man. GSFC; Claire Parkinson Aqua Proj. Scientist GSFC.

The primary role of Aqua which will launch from Vandenberg AFB is to gather info about water in the Earth's system.

Aqua will collect data on global precipitation, evaporation and the cycling of water.

Audience: Gen. News Site: NASA HQ
Client: Alan Buis
Master: sVHS
Audio 1: Mono mix 2: Mono mix
04/22/2002 - 0:48:00 Producer: NASA HQ

AVC-2002-068-1/1 **NASA Earth Day Webcast: Any More Earths Out There?**
NASA scientists discuss how the search for another Earth outside our solar system might help us learn more about our own past and future. Dr. Rolf Danner, Dr. Rachel Akeson, Dr. Karl R. Stapelfeldt, Dr. Victoria Meadows and host Randii Wessen.

Audience: Gen. Edu. JPL Site: T.V. Studio
Client: Randal Jackson
Master: DVCPRO25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/22/2002 - 1:03:04 Producer: Greg Parrillo

AVC-2002-070-1/1 **Space Science Update: Clockwork Stars and the Age of the Universe**
Pushing the limits of its powerful vision, NASA's Hubble Space Telescope has uncovered the oldest burned-out stars in our Milky Way Galaxy. These extremely old, dim stars provide a completely independent reading of the universe's age without relying on measurements of the universe's expansion. The ancient white dwarf stars, as seen by Hubble, turn out to be 12 to 13 billion years old. Because earlier Hubble observations show that the first stars formed less than 1 billion years after the universe's birth in the big bang, finding the oldest stars puts astronomers well within arm's reach of calculating the absolute age of the universe.

Audience: Tech. NASA News
Client: Jane Platt, Org. 1810
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
04/24/2002 - 0:36:00 Producer: NASA HQ

AVC-2002-071-1/1 **Earth Imaging from Space**
Ten animated movies of Earth based on data from Spaceborne Imaging Radar, Topex, Microwave Limb Sounder, Shuttle Radar Topography Mission, Scatterometer, GRACE and ASTER.

Audience: Gen. Resource
Client:
Master: BCAMsp Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
04/29/2002 - 0:05:07 Producer: Semerano

AVC-2002-073-1/1 **Journey to the Planets and Beyond for the Air & Space Presentation**
VTV-939

This high definition program celebrates 40 years of interplanetary space exploration. JPL project members tell the following stories: Why We Explore the Planets, The Third Rock, Rough Guide to Mars, The Big Spacecraft That Could, Lord of the Rings, Rocks & Ice and Beyond the Planets.

Audience: Gen. JPL

Client: Dr. Charles Elachi

Master: D-BCAM Submaster: D-BCAM

Audio 1: Stereo 2: Stereo

16:9 HD format 1080i/30

05/06/2002 - 0:20:10 Producer: Baggett/Savona

AVC-2002-074-1/1 **Director's Topical Seminar - "Looking for Life in Unlikely Places"**
VTV-936

Dr. Freeman Dyson talks about a new method of searching for extraterrestrial life adapted to cold environments far from the sun. Any living vegetation will be seen as a bright patch in strong contrast to its dark surroundings, like the eyes of nocturnal animals in car headlights.

Audience: Gen. JPL

Site: von Kármán Aud.

Client: Dr. Prince, Org. 1000

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/06/2002 - 1:05:21 Producer: Savona

AVC-2002-075-1/1 **40th Anniversary Celebration at National Air & Space Museum**
VTV-938

Festivities held at National Air & Space Museum on May 7 for the 40th Anniversary of Mariner 2, the beginning of robotic interplanetary missions. Participants include Ed Weiler, NASA Associate Administrator for Space Science; Former Directors of JPL: Dr. William Pickering, Dr. Bruce Murray, Gen. Lew Allen (by videotape) and Dr. Ed Stone; Tom Young Mission Director, Viking Project; Charles Elachi, current Director of JPL; Rep. David Drier, R-California; Rep. Adam Schiff, D-California; Donald Lopez, Director, National Air & Space Museum; Sean O'Keefe, NASA Administrator.

Production of "Journey to the Planets" (AVC-2002-073) is at end of festivities.

Audience: Gen.

Site: NASA HQ

Client: Baggett, Org. 1800

Master: BCAMsp Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

05/07/2002 - 1:09:00 Producer: NASA HQ

AVC-2002-076-1/1
VTV-937

von Kármán Lecture Series - "The Odyssey to Mars"

The talk describes how Odyssey is unveiling mysteries of Mars' mineral and elemental composition, and how Odyssey fits into the broader Mars Exploration Program objective to "follow the water", seeking to determine if life ever arose on Mars.

Audience: Gen. Site: von Kármán Aud.

Client: Communication & Ed., Org. 1800

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/09/2002 - 1:23:15 Producer: Savona

AVC-2002-081-1/1

The Launch of Grace -- March 18, 2002

Compilation tape:

1. Footage of the Grace launch.
2. Diagrams showing the separation of the two Grace spacecraft from the Breeze upper stage.
3. An animation of that separation.
4. FGAN radar imagery of the separation.
5. An animation of the two spacecraft in their tandem orbit.

Audience: Resource

Client: M. Srinivasan

Master: DVCProHD Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/21/2002 - 0:02:33 Producer: Kline

AVC-2002-082-1/1

Mars has Layered Look/Water Ice in Odyssey Images - Video File

Animation showing simulated flight over part of Valles Marineris, a large canyon system on Mars. Next are Infrared images of the regions Terra Meridiani and Candor Chasma followed by Mars Odyssey Spacecraft Gamma Ray Spectrometer and Martian hydrogen abundance animation.

Audience: Gen. News

Client: NASA HQ

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

05/25/2002 - 0:07:20 Producer: Beck/Webster

AVC-2002-083-1/1

Web Productions for JPL Timeline - 1 (Surveyor Program)

Ten web productions from two to three minutes in length about the Surveyor spacecraft that were successful in reaching the moon including the launches of Surveyors One, Three, Five, Six and Seven and their subsequent soft landings on the moon.

00:07:25 Surveyor 1 Launches

00:10:10 Surveyor 1 1st Soft Landing on the Moon

00:24:01 Surveyor 3 Launches
00:22:01 Surveyor 3 Lands on the Moon
00:02:36 Surveyor 5 Launches
00:13:01 Surveyor 5 Lands on the Moon
00:01:11 Surveyor 6 Launches
00:16:10 Surveyor 6 Lands on the Moon
00:04:52 Surveyor 7 Launches
00:19:03 Surveyor 7 Lands on the Moon
Audience: Gen. Resource
Client: Henry Kline
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/30/2002 - 0:25:00 Producer: Semerano

AVC-2002-085-1/1 **Weighing Earth and Its Oceans - GRACE**
An Edited production on the Gravity Recovery Climate
Experiment (GRACE).
Audience: Gen. Edu. Resource
Client: GSFC/NASA TV
Master: BCAMsp Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/03/2002 - 0:15:15 Producer: Jim Lynch & assoc.

AVC-2002-091-1/1 **Countour (Comet Nucleus Tour) Mission Science Briefing**
A discussion about the mission to Comets Enke and
Schwassmann-Wachmann-3
Participants:
Dr. Colleen Hartman, NASA HQ;
Dr. Joseph Veverka, Cornell University;
Dr. Don Yeomans, JPL;
Mary Chiu, John Hopkins University;
Dr. Robert Farquhar, John Hopkins University.
Audience: Gen. News Resource Site: NASA-HQ
Client: MRO-Martha Heil, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/12/2002 - 0:58:00 Producer: NASA HQ

AVC-2002-092-1/1 **Space Science Update-Solar System Similar to Ours Discovered**
Announcing discovery of new planets around other stars in
our galaxy. Cancer constellation.
Participants:
Dr. Anne Kinney, NASA HQ;
Dr. Geoffrey Marcy, UC Berkley;
Dr. R. Paul Butler, Institute of Washington;

Dr. Alycia Weinberger, Carnegie;
Dr. David Spergel, Princeton.
Audience: NASA News Resource Site: NASA HQ
Client: MRO-Jane Platt, Org. 1810
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/13/2002 - 0:57:06 Producer: NASA HQ

AVC-2002-096-1/1 **Comets, Asteroids and the Interplanetary Shooting Gallery**
VTV-941 -- von Kármán Lecture Series --

Dr. Donald Yeomans describe how comets and asteroids brought building blocks of life to an early Earth, and later caused worldwide extinctions, and steps now being taken to ensure that a future asteroid or comet will not affect evolution.

A presentation of the Office of Communications and Education.

Audience: Gen. Site: von Kármán Aud
Client: Communication & Ed., Org. 1800
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/20/2002 - 1:14:47 Producer: Savona

AVC-2002-100-1/1 **Binary Black Holes - Web Spotlight**
Web video featuring animation illustrating properties of binary black holes.

Audience: Gen. Edu. News Resource
Client: Platt
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
05/14/2002 - 0:01:17 Producer: Semerano/Kline

AVC-2002-102-1/1 **SRTM Begins Release of International Data - Video File**

NASA and the National Imagery and Mapping Agency are beginning the release of international topography data collected from around the world by the Shuttle Radar Topography Mission. Applications include earthquake and volcano studies, communication, aviation safety, land use planning.

Audience: Gen. News Resource
Client: NASA TV/Sullivant
Master: DVCPRO25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
2:00 Web Production follows the Video File
06/28/2002 - 0:29:27 Producer: Savona

- AVC-2002-103-1/1 **Aerogel - World's Lightest Solid - Video File**
 Aerogel is a silicon-based solid form. A thousand times less dense than glass. NASA's Stardust mission will use aerogel to encapsulate interstellar and comet dust particles and bring samples back to Earth in 2006.
 Audience: Gen. News Resource
 Client: NASA TV/Heil
 Master:
 Audio 1: Mono mix 2: Mono mix
 07/08/2002 - 0:14:33 Producer: Semerano
- AVC-2002-104-1/1 **Contour Launch**
 Satellite Downlink
 Launch at 47:00 Min.
 Audience: NASA News Resource Site: KSC
 Client: NASA HQ
 Master: sVHS
 Audio 1: Mono mix 2: Mono mix
 07/02/2002 - 2:00:00 Producer: NASA HQ
- AVC-2002-106-1/1 **Journey to the Planets -- in 7 self-contained segments**
 GGSegmented version of "Journey to the Planets": 40 years of interplanetary space exploration. JPL project members tell the following stories: Why We Explore the Planets, The Third Rock, Rough Guide to Mars, The Big Spacecraft That Could, Lord of the Rings, Rocks & Ice and Beyond the Planets.
 7 segments, each w/ opening title & closing logo.
 "1962"
 "The Third Rock"
 "Rough Guide to Mars"
 "The Big Spacecraft that Could"
 "Lord of the Rings"
 "Rocks and Ice"
 "Beyond the Planets"
 Audience: JPL
 Client: Watanabe
 Master: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 07/15/2002 - 0:21:46 Producer: Kline/Baggett
- AVC-2002-112-1/1 **Voyager's 25th Anniversary**
 VTV-948
 Voyager team members reminisce over the Voyager 1 and 2 accomplishments on their mission to Jupiter, Saturn, Neptune, Uranus and beyond. Team members: Bud Schurmeier, Bob Parks, Tom Gavin, Chris Jones, Rich Terrile, Ed Stone, Linda Spiker, Eric De Jong, Bruce Murray & William

Burroughs.
Audience: Gen.
Client: , Org. 1800
Master: HDCam Submaster: BCAMsp
Audio 1: Stereo 2: Stereo
08/08/2002 - 0:09:29 Producer: Baggett/Kline

AVC-2002-113-1/1
VTV-943

von Kármán Lecture Series - "Jupiter's Moon Io"

Dr. Rosaly Lopes-Gautier discusses Galileo's unprecedented results of Jupiter's moon Io. It is the only place outside Earth where active volcanoes are rampant. Some of the most exciting discoveries from the Galileo mission to Jupiter have been about Io's volcanoes.

Audience: Gen. Site: von Kármán Aud.
Client: Communication & Ed., Org. 1800
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/18/2002 - 1:22:10 Producer: Savona

AVC-2002-114-1/1
VTV-955

Mars Exploration Rover MER 2003 Animation (with sound effects)

Pre-launch animation showing 2003 MER mission from launch to entry, descent and landing.

Created by Dan Maas.
Audience: Tech. Resource
Client: Mars Outreach
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2002 - 0:07:20 Producer: Squyres

AVC-2002-116-1/1

Pathfinder 5th Anniversary Web Video

Short web video reflecting on the Mars Pathfinder Mission, including new interviews with Brian Muirhead, Rob Manning and Tom Rivellini.

Audience: Gen.
Client: Mars Project Office
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/31/2002 - 0:02:48 Producer: John Beck

AVC-2002-118-1/1

AIRS/Aqua "Thermometer in the Sky" - Video File

1

Audience: Gen. News Resource
Client: NASA TV/Buis
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/05/2002 - 0:32:14 Producer: Savona

AVC-2002-121-1/1 **TOPEX/Poseidon "Watching for the Next El Nino" - Video File**

Over the past decade, TOPEX/Poseidon has continuously mapped global ocean surface topography, leading to a fundamental new understanding of the dynamics of ocean circulation that affects climate change.

Audience: Gen. NASA News Resource

Client: NASA TV/Buis

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

08/09/2002 - 0:20:30 Producer: Savona

AVC-2002-122-1/1 **California from Space**

California as seen through JPL's spacecraft imaging.

Narrated by Michael Kobrick, Michael Abrams, Lee-Leung Fu and David Diner.

Audience: Gen.

Client: Baggett

Master: DVCPro50 Submaster: BCAMsp

Audio 1: Left 2: Right

08/13/2002 - 0:04:25 Producer: Kline

AVC-2002-124-1/1 **Voyager Continues Where None Have Gone Before - Video File**

Twenty-five years after its two identical spacecraft launched, NASA's Voyager mission continues to examine previously unexplored reaches of the solar system. The two have made many discoveries, such as volcanoes on Jupiter's moon Io, spoke-like features in Saturn's rings.

Audience: Gen. News Resource

Client: NASA TV/Webster

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

08/15/2002 - 0:27:02 Producer: Savona

AVC-2002-125-1/1 **FIDO Field Test -- Video File**

In a 10-day blind test scientists at JPL controlled the Field Integrated Design Operations (FIDO) testbed, similar in size and capability to the Mars Exploration Rovers (MER). FIDO was at an undisclosed location during the test. Includes interviews with Steve Squyres and John Callas.

Audience: NASA

Client: Hardin

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/15/2002 - 0:11:07 Producer: Kline

- AVC-2002-126-1/1 **AQUA Launch**
 Aqua, NASA's latest Earth observing satellite, carrying the NASA Jet Propulsion Laboratory-managed Atmospheric Infrared Sounder instrument, launches from the Western Test Range of Vandenberg Air Force Base, California, aboard a Delta II rocket.
 Audience: Tech. JPL News Site: Vandenberg,CA
 Client: Alan Buis, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/04/2002 - 0:58:50
- AVC-2002-127-1/1 **AQUA Video File**
 Mission animation package illustrating the mission objectives of the Aqua spacecraft. This package also includes animations of the six science instruments flying aboard Aqua: MODIS,CERES,AMSR-E,HSB,AMSU, and AIRS and describes the objectives of each instrument.
 Audience: Tech. JPL
 Client: Buis/ MRO, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/04/2002 - 0:41:00 Producer: NASA Goddard
- AVC-2002-128-1/1 **AQUA Launch - Video File**
 Coverage of the Aqua Mission begins at T-40 seconds through second stage separation.
 Launch stills included.
 Audience: Tech. JPL
 Client: Xaviant Ford, Org. 1810
 Master: BCAMsp
 Audio 1: Mono mix 2: Mono mix
 05/07/2002 - 0:06:20
- AVC-2002-132-1/1 **TOPEX/Poseidon's 10th Anniversary Presentations**
 VTV-946
 This presentation celebrates 10 years of studies.
 TOPEX/Poseidon satellite measures sea level every 10 days.
 Among other science findings, TOPEX/Poseidon has provided a unique view of the El Nino phenomenon of the late 1990s, an unusual water warming in the eastern Pacific Ocean.
 Audience: JPL Site: von Kármán Aud
 Client: Annie Richardson
 Master: BCAMsp Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 08/16/2002 - 1:04:08 Producer: Savona

AVC-2002-133-1/1 **von Kármán Lecture Series - "Journey to the Planets and Beyond"**
VTV-948

Blaine Baggett, JPL's Executive Manager of Communications and Education (and national Emmy award winning TV producer) is your tour guide through the illustrative achievements of the Jet Propulsion Laboratory as the year-long celebration of 40 years of planetary exploration continues.

Audience: Gen. JPL Site: von Kármán aud

Client: Kim Johanson

Master: DVCPro25 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/22/2002 - 1:10:23 Producer: Greg Parrillo

AVC-2002-136-1/1 **Voyager 25th Anniversary Celebration Panel Discussion**
VTV-949

Voyager 25th Anniversary Celebration - Panel Discussion. Panel consisted of: Bud Schurmeier, Ray Heacock, Charley Kohlhase, Ellis Miner, George Textor, Ed Stone and Dave Linick.

Audience: JPL NASA Resource Site: von Kármán aud

Client: Andrea Angrum

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/05/2002 - 1:22:50 Producer: Greg Parrillo

AVC-2002-137-1/1 **von Kármán Lecture Series - Voyager Exploration of the Solar System**
VTV-950

Dr. Ed Stone, retired JPL Director, discusses the extraordinary mission of Voyager. Launched in 1977, the twin Voyagers' exploration of Jupiter, Saturn, Uranus, and Neptune revealed distinctive worlds with many surprises. Voyager still continues to explore the Outer Solar system.

Audience: JPL NASA Resource Site: von Kármán aud

Client: Andrea Angrum

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/05/2002 - 1:09:51 Producer: Greg Parrillo

AVC-2002-140-1/1 **Mars Student Imaging Project - v 1.0**

High-school students at NASA/JPL/Arizona State University's "Mars Student Imaging Project" express their feelings about actually exploring Mars. Also: comments from Dr. Phil Christensen & Greg Mehall (THEMIS), Sheri Klug, director of ASU Mars Ed.Pgm, and ASU Asst. Dir. Keith Watt.

Audience: NASA

Client: Baggett/Kulczycki

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix
09/09/2002 - 0:03:22 Producer: Beck

AVC-2002-142-1/1 **Mars Student Imaging Project - v 2.0 - Web video**
High-school students at NASA/JPL/Arizona State University's "Mars Student Imaging Project" express their feelings about actually exploring Mars. Also: comments from Dr. Phil Christensen & Greg Mehall (THEMIS), and Sheri Klug, director of Arizona State University Mars Education Program.
Audience: Gen.
Client: S. Watanabe
Master: DVCP50
Audio 1: Mono mix 2: Mono mix
09/11/2002 - 0:01:00 Producer: Kline

AVC-2002-144-1/1 **Celebrating Hispanics at NASA - Video File (In English)**
To celebrate National Hispanic Heritage Month NASA is communicating the contributions of Hispanics at NASA. Interviewed are, Victor Zlotnicki, Alberto Behar, Luisa Rebull and Ruth Fragoso.
Audience: Gen. JPL NASA News
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/20/2002 - 0:20:54 Producer: Semerano

AVC-2002-145-1/1 **Celebrating Hispanics at NASA - Video File (In Spanish)**
To celebrate National Hispanic Heritage Month NASA is communicating the contributions of Hispanics at NASA. Interviewed are, Victor Zlotnicki, Alberto Behar and Ruth Fragoso.
Audience: Gen. JPL NASA News
Client: Carolina Martinez
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/20/2002 - 0:21:31 Producer: Martinez/Semerano

AVC-2002-146-1/1 **von Kármán Lecture Series - "A Unified View of the Universe"**
VTV-951
Art and physics might seem like polar opposites, but the two fields have a long history of complementing one another. Dr. Lute Maleki discusses how various developments in arts have contributed to the field of physics.
Audience: JPL Site: von Kármán aud
Client: Kim Johanson
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

09/19/2002 - 1:04:20 Producer: Greg Parrillo

AVC-2002-148-1/1 **Apollo-Era Hardware Recaptured into Earth Orbit - Video File**

Scientists at NASA's Jet Propulsion Laboratory have confirmed the first known capture of any object into Earth orbit from a Sun-centered orbit. They have identified the object, named J002E3, as most likely the lost third stage of the rocket that carried Apollo 12 astronauts to the Moon.

Audience: News Resource

Client: NASA TV/Webster

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/23/2002 - 0:09:47 Producer: Savona

AVC-2002-149-1/2 **Visions of Exploration**

VTV-953

NASA hosted the first symposium to unveil the agency's future adventures in exploration to Hollywood's most influential filmmakers. Astronauts, scientists and aerospace engineers presented NASA's long-range plans to advance the frontiers of flight, space and knowledge.

Audience: Gen. Tech. Site: von Kármán Aud

Client: Stephen Kulczycki, Org. 1800

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/24/2002 - 1:17:10 Producer: Greg Parrillo

AVC-2002-149-2/2 **Visions of Exploration**

VTV-953

NASA hosted the first symposium to unveil the agency's future adventures in exploration to Hollywood's most influential filmmakers. Astronauts, scientists and aerospace engineers presented NASA's long-range plans to advance the frontiers of flight, space and knowledge.

Audience: Gen. Tech. JPL Site: von Kármán Aud

Client: Stephen Kulczycki, Org. 1800

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/24/2002 - 1:58:16 Producer: Greg Parrillo

AVC-2002-150-1/1 **Web Productions for JPL Timeline - 2**

Mariner 2 Launches

First Flyby of Another Planet

Mariner 4 Launches

Comet Borrelly Flyby

Genesis Launches

Doubleteam at Jupiter

First Asteroid Moon Discovered

Astronauts Repair Hubble Camera
Galileo at Jupiter
Imaging Radar Flies Again (SIR-C)
Voyager 1 Sets Distance Record
Deep Space 1 Launches
All Sky Survey Begins
Audience: Gen. Resource
Client: Watanabe
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/26/2002 - 0:29:00 Producer: Semerano

AVC-2002-151-1/1 **Web Productions for JPL Timeline - 3**

01:00:00 Ranger 7 Launches
01:01:10 Ranger 7 Impacts Moon
01:02:20 Ranger 8 Launches
01:02:40 Ranger 8 Impacts Moon
01:04:10 Ranger 9 Launches
01:04:40 Ranger 9 Impacts Moon
01:06:10 Voyager 1 Launches
01:07:40 Voyager 2 Launches
01:09:10 Voyager 1 Flies by Jupiter
01:12:20 Voyager 2 Flies by Jupiter
01:15:30 Voyager 1 at Saturn
01:18:30 Voyager 2 at Saturn
01:21:30 Voyager 2: First Spacecraft at Uranus
01:23:20 Voyager 2: First Spacecraft at Neptune
01:26:40 Mariner 4 Launches
01:28:00 First Flyby of Another Planet
01:29:10 Mars Pathfinder Launches
01:30:30 Viking 1: 1st Spacecraft on Mars
01:31:50 Viking 2 on Mars (no supers)
01:32:45 Viking 1: 1st S'craft on Mars (w/supers)
01:34:30 Viking 2 on Mars (w/supers)
01:35:10 Shuttle Imaging Radar-A Launches
01:37:00 Shuttle Imaging Radar-B Launches
01:39:10 Solar Mesosphere Explorer Launches
01:41:00 Infrared Astronomical Satellite Launches
Audience: Gen. Resource
Client: Watanabe
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/27/2002 - 0:42:19 Producer: Kline

AVC-2002-152-1/1 **What's Shakin' with the Northridge Fault - Video File**
Results of a recent NASA study on the magnitude 6.7

Northridge earthquake of January 17, 1994 have yielded some geologic surprises. A team of geophysicists from the Jet Propulsion Laboratory, Pasadena, Calif., analyzed data taken from global positioning system (GPS).

Audience: Edu. News Resource

Client: NASA TV/Buis

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/26/2002 - 0:17:55 Producer: Savona

AVC-2002-153-1/1 **NASA First Person - Art Chmielewski - Web Production**

The work, experiences and personal observations of JPL employee Art Chmielewski as told by him. Produced for the Daily Planet and the JPL home page.

Audience: Gen.

Client: McGahan

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

09/29/2002 - 0:02:48 Producer: Semerano

AVC-2002-163-1/1 **von Kármán Lecture Series - A Billion Suns: the Lives/Deaths of Stars**
VTV-956

Dr. Michelle Thaller, JPL Astronomer, SIRTf

Project, discusses the evolution of a star from birth to death. She also looks at how the Infrared telescope is used in astronomy research.

Audience: JPL

Site: von Kármán aud

Client: Kim Johanson

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

10/17/2002 - 1:45:39 Producer: Greg Parrillo

AVC-2002-164-1/1 **Anthrax Smoke Detector - Video File & Web Production**

Researchers at NASA's Jet Propulsion Laboratory have demonstrated a prototype device that automatically and continuously monitors the air for the presence of bacterial spores, such as those of anthrax. Video File is 9:35 followed by the Web Production at 1:35.

Audience: Gen. Edu. News Resource

Client: NASA TV/Martinez

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

10/18/2002 - 0:11:30 Producer: Semerano

AVC-2002-166-1/1 **SRTM World Series Zoom-in from Space**

Animation zooms from whole earth into stadium.

Animation by Mike Kobrick.

Audience: JPL NASA
Client: Buis
Master:
Audio 1: MOS 2: MOS
10/18/2002 - 0:00:51 Producer: Kline

AVC-2002-167-1/1 **Lifting Central America's Cloudy Veil - Video File**
NASA's Jet Propulsion Laboratory in Pasadena, Calif., has completed the first comprehensive, high-resolution topographic map of Central America, using data collected during the February 2000 Shuttle Radar Topography Mission.
Audience: Gen. Edu. NASA News Resource
Client: NASA TV/Buis
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/22/2002 - 0:14:28 Producer: Savona

AVC-2002-170-1/1 **Durable Galileo Nears Its Last Flyby - Video File**
Before starting its 35th and final orbit around Jupiter, NASA's Galileo spacecraft will visit three intriguing features of the giant planet's neighborhood for the very first time: a small moon named Amalthea, a dusty "gossamer" ring and the inner region of Jupiter's magnetic environment.
Audience: Gen. Edu. NASA News Resource
Client: NASA TV/Webster
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/28/2002 - 0:14:28 Producer: Savona

AVC-2002-173-1/1 **NASA First Person - Michelle Thaller - Web Production**
The work, experiences and personal observations of JPL employee Michelle Thaller as told by her. Produced for the Daily Planet and the JPL home page.
Audience: Gen. JPL Site: JPL
Client: McGahan
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/12/2002 - 0:02:48 Producer: Semerano

AVC-2002-174-1/1 **Odyssey Science Webcast - Nov. 14, 2002**
VTV-959 Mars Odyssey principal investigators and scientists answer questions from museums, e-mail and a live audience of students and JPLers about discoveries at Mars.
Panel: Dr. Phil Christensen, Bill Boynton & Cary Zeitlin.
Host: Stephenie Lievense.
Audience: Gen. Edu. JPL Site: von Kármán aud

Client: Christine Johnson
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
11/14/2002 - 1:45:00 Producer: Greg Parrillo

AVC-2002-177-1/1

SeaWinds Instrument on ADEOS 2 Pre-Launch - Video File

NASA's SeaWinds scatterometer instrument launches on a Japanese H-IIA launch vehicle from Japan. The SeaWinds instrument is a microwave radar that measures surface wind speed and direction over 90 percent of Earth's ice-free global oceans every day.

Audience: Gen. Tech. NASA News Resource

Client: NASA TV/Buis

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

11/22/2002 - 0:24:26 Producer: Savona

AVC-2002-178-1/1

SIRTF Animations - 2D

:17 Orion in infrared

:28 Cryo chamber size modification

:16 Telescope cooldown

:42 Light path into telescope

:17 Light path into MIC (Multiple Instrument Chamber)

Audience: Resource

Client: Platt

Master: DVCPRO50

Audio 1: MOS 2: MOS

11/20/2002 - 0:02:00 Producer: Kline

AVC-2002-181-1/1
VTV-961

von Kármán Lecture Series - Rise of the Machines

Dr. Richard Terrile, JPL Mars Scout Program Scientist, discusses an overview of the current & future plans for exploring our solar system with robotic spacecraft.

Audience: Edu. Tech. JPL Site: von Kármán aud

Client: Kim Johanson

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

11/21/2002 - 1:05:30 Producer: Greg Parrillo

AVC-2002-182-1/1

Earth & Space Science Briefing - Upcoming Earth and Space Missions

Briefing covers upcoming Adeos 2 launch with Seawinds payload and CHIPSat (Cosmic Hot Interstellar Plasma Spectrometer) and ICESat (Ice, Cloud and Land Elevation) spacecraft launching from Tangeshima Japan.

Presenters:

Dr. Ghassem Asrar, Associate Administrator for
Earth Science, NASA;

Dr. Anne Kinney, NASA Space Science;

Dr. Mark Hurwitz, CHIPSat Principal Investigator,
UC Berkeley;

Dr. Jay Zwally, ICESat Project Scientist, NASA Goddard;

Dr. Moshe Pniel, Seawinds Project Manager JPL.

Q & A follows.

Audience: NASA News

Site: NASA HQ

Client: MRO

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

11/26/2002 - 1:00:40

AVC-2002-183-1/1

Spider-bot Video File & Web Production

JPL researchers have spun a micro robot reminiscent of the
favorite childhood character "Charlotte" in Charlotte's Web.

Dubbed "Spider-bot," for its resemblance to spiders.

Spider-bot could one day chart the terrain on other planets
and comets, asteroids or the moon.

Audience: Gen. NASA News Resource

Client: NASA/TV/Martinez

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

12/04/2002 - 0:14:06 Producer: Savona

AVC-2002-186-1/1

Mars Exploration Rover - Video File

Mars Exploration Rover animation with sound effects followed
by b-roll of testing of parachute in wind tunnel, airbag

drop test, and test driving of flight rover. Kobie Boykins,

MER Rover Engineer describes flight rover test drive.

Audience: Gen. NASA News Resource

Client: NASA HQ

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/05/2002 - 0:21:30 Producer: Beck/Hardin

AVC-2002-187-1/1

MER Rock Abrasion Tool (RAT) Testing

The Mars Exploration Rover (MER) Rock Abrasion Tool (RAT)
Testing in 8/01, 10/01, and 4/02 at the Honeybee Robotics

Lab in New York City, NY.

Tape Number MER-2002-1001

Audience: Resource

Client:

Master: DV

Audio 1: Mono mix 2: Mono mix MER-2002-1001
07/29/2002 - 0:40:07 Producer: Passaniti

AVC-2002-188-1/1 **Taxi Cab Interview with Steve Squyres**
JPL's Steve Squyres talks about the Rock Abrasion Tool (RAT) testing at Honeybee Robotics Lab in New York City, his involvement with the Mars Exploration Rover (MER) Mission and himself in a taxi cab interview on his way to the airport.

Audience: Resource

Client:

Master: DV Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

08/07/2002 - 0:13:48 Producer: Passaniti

AVC-2002-189-1/1 **ATLO Lowering Rover onto Lander Base**
The MER #1 is lowered into the lander base petal in the SAF during the ATLO phase

Primary lift runs at %500 speed

Audience: Resource

Client:

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/05/2002 - 0:03:00 Producer: Passaniti

AVC-2002-190-1/1 **ALTO Lowering Rover onto Lander Base**
The MER #1 is lowered into the lander base petal in the SAF during the ATLO phase

Audience: Resource

Client:

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/05/2002 - 0:09:30

AVC-2002-192-1/1 **JPL's 5th Annual Invention Challenge - 2002**
This years' contest was the jelly bean toss. Each contestant needed to create a device that would launch fifty jelly beans into a target located five meters away. Twenty one schools and fourteen JPL groups competed.

Audience: Gen. Edu. Site: Outside of 180

Client: Paul Macneal

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

12/06/2002 - 1:43:00 Producer: Parrillo

AVC-2002-193-1/1 **Jason El Nino Update - Video File**

The first calibrated and validated image to be released to the public from NASA's Jason oceanography satellite, launched in December 2001, depicts the continued growth of the current El Nino condition.

Audience: Gen. Edu. NASA News Resource

Client: NASA TV/Buis

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

12/10/2002 - 0:07:14 Producer: Savona

AVC-2002-195-1/1

Earth & Asteroid Play Orbital Game of Cat and Mouse - Video File

An international team of astronomers including a researcher from NASA's Jet Propulsion Laboratory in Pasadena, Calif., revealed that a 60-meter (197-foot) long asteroid traces an unusual horseshoe pattern relative to Earth, alternately leading and following our planet about the Sun.

Audience: Gen. Edu. NASA News Resource

Client: NASA TV/Agle

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

12/12/2002 - 0:12:22 Producer: Savona

AVC-2002-196-1/1
VTV-963

von Kármán Lecture Series - Robotic Exploration of Mars

Dr. Firouz Naderi, Solar System Exploration Program director and Mars Exploration Program Manager, for "The Mars Exploration of Mars" discusses further investigation of the planet is even more compelling & important with the recent detection of water ice beneath the Martian surface

Audience: JPL Site: von Kármán Aud

Client:

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

12/12/2002 - 1:19:00 Producer: Greg Parrillo

AVC-2002-197-1/1
VTV-964

Imagine Mars - Webcast

The hour-long interactive workshop Imagine Mars aired live on the web & on NASA TV. Educators, students, and hosts Stephenie Lievens along with Bill Nye The Science Guy, explore what a community might be like on Mars. Debbie Allen & her dance crew perform a special dance depicting Mars life.

Audience: Gen. Edu. Site: von Kármán Aud

Client: Stephenie Lievens

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

12/13/2002 - 0:59:15 Producer: Greg Parrillo

AVC-2002-198-1/1 **Seawinds ADEOS-II Launch**
Pre-Launch and Launch footage of the JPL/NASA Seawinds Scatterometer Instrument. Launched from Japan.
Audience: JPL Resource Site: Japan
Client: Alan Buis, Org. 1810
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/14/2002 - 1:03:00 Producer: Savona

AVC-2002-199-1/1 **Web Productions for JPL Timeline - 4**
Grace Twins Launch, Two Telescope System Works, Evidence of Water on Mars, Jason 1 Launches, Odyssey Orbits Mars, Mars Odyssey Launches.
Audience: Gen. Edu. Resource
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/18/2002 - 0:14:18 Producer: Semerano

AVC-2002-200-1/1 **NASA First Person - Alberto Behar - Web Production**
The work, experiences and personal observations of JPL employee Alberto Behar as told by him. Produced for the Daily Planet and the JPL home page.
Audience: Gen. JPL NASA
Client:
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/18/2002 - 0:02:48 Producer: Semerano

AVC-2003-001-1/1 **Mars Odyssey Launch First Year Anniversary**
Roger Gibbs, Odyssey mission manager gives an overview of the Odyssey mission to Mars.
Launch and spacecraft animations included.
Audience: Gen. Edu. JPL NASA News Resource
Client: Mars Outreach
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/06/2003 - 0:02:00 Producer: Beck

AVC-2003-002-1/1 **MER Rover Mobility Tests in Assembly Facility**
The (MER) Mars Exploration Rover #2 being tested at JPL's (SAF) Spacecraft Assembly Facility on 11/07/02 and 11/08/02. Additional footage of the (Marie Curie) Pathfinder Rover

together with the MER Rover.
Audience: Resource
Client:
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
11/17/2002 - 1:04:29 Producer: Cha

AVC-2003-007-1/1 **Jupiter Icy Moons Tour Animation**
Ninety second version with music no narration
Audience: Gen. News Resource
Client:
Master:
Audio 1: Mono mix 2: Mono mix
01/20/2003 - 0:01:30 Producer: Semerano

AVC-2003-014-1/1 **von Kármán Lecture Series: What's Shakin' in Space Quake Research?**
VTV-968
Dr. Andrea Donnellan, deputy manager of JPL's Earth and Space Sciences Division, discusses the subject of "Using Space Technology to Understand Earthquakes." Q & A followed.
Audience: Gen. Site: von Kármán Aud
Client: Cynthia Cuno
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
01/23/2003 - 0:52:34 Producer: Greg Parrillo

AVC-2003-017-1/1 **Icy Moons of Jupiter Presentation to Congress**
1st: 95 second version with narration and music
2nd: 95 second version with narration only
3rd: 95 second version with music only
4th: 95 second version with no sound
5th: 3 minutes and 13 seconds version of all animation sequence with no sound
Audience: Gen. NASA News
Client: Burdick/Webster
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
01/28/2003 - 0:10:41 Producer: Semerano/Savona

AVC-2003-019-1/1 **Canyon City Animation-Dr. Charley Kohlase**
Long-time mission manager Charley Kohlase dreams of humans exploring Mars someday, in his animation which follows a flight over "Canyon City", an imagined community on Mars in the year 2130. The 20-second animation is looped three times.
Audience: Gen. JPL Site: JPL

Client: Kohlhase
Master: BCAMsp
Audio 1: Silent 2: Silent
01/29/2003 - 0:01:38 Producer: Kohlhase

AVC-2003-020-1/1 **45th Anniversary of Explorer 1 -- Video File**
Historical footage from U.S. Army films documents the planning, launch and press conference of January 31-February 1, 1958.
Audience: Gen. News Resource
Client: Buis
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
01/29/2003 - 0:05:51 Producer: Kline

AVC-2003-021-1/1 **The Keys to the Stellar Kingdom**
Dr. Todd Henry, one of the principal investigators for the Space Interferometry Mission (SIM), talks about the questions SIM hopes to answer.
Audience: Gen.
Client: Randy Jackson
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
01/24/2003 - 0:01:33 Producer: Kline

AVC-2003-023-1/1 **Shuttle Program Manager-Chief Flight Director Briefing**
VTV-973 News Briefing from Johnson Space Center. Questions and Answers followed.
Audience: News
Client:
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
02/01/2003 - 1:40:00 Producer: JSC

AVC-2003-025-1/1 **Infrared: More Than Your Eyes Can See -- Web Video**
Dr. Michelle Thaller demonstrates how different things appear when viewed in infrared light vs. visible light. This web video is derived from AVC-2000-057.
Audience: Gen. JPL
Client: S. Watanabe
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
02/03/2003 - 0:02:18 Producer: Savona/Kline

AVC-2003-029-1/1 **JPL Earth Science for Diane Evans, El Paso, Texas Talk**
A list of the segments: Global views of El Nino from TOPEX

data; Hurricane season observed by QuikSCAT; Taal volcano from SIR-C flyover; SRTM launch and boom deployment; San Andreas flyover from SRTM data; Lost Hills animation from USGS/SRTM data and Etna animation

Audience: Gen. Edu. Resource

Client: Evans/Jasnow

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

02/07/2003 - 0:06:17 Producer: Savona

AVC-2003-030-1/1 **Mars Exploration Rover Assembly and Testing - Video File**

15 min. B-roll plus animation

Audience: JPL NASA News

Client: Hardin

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

02/08/2003 - 0:22:20 Producer: Beck/Hulme

AVC-2003-032-1/1 **Black History Month - Video File**

In celebration of Black History Month NASA's JPL showcases the contributions and accomplishments of African American scientists and engineers. The missions they work on are one-of-a-kind and on the cutting edge of their fields.

Audience: Gen. News Resource Site: JPL

Client: Carolina Martinez

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

For JPL internal use only.

02/12/2003 - 0:19:42 Producer: Semerano

AVC-2003-035-1/1 **Artificial Muscles - Video File**

Artificial muscles that give robots human-like flexibility and manipulation ability are under development by Dr. Yoseph Bar-Cohen of NASA's Jet Propulsion Laboratory in Pasadena, Calif.

Audience: Gen. Edu. JPL NASA News Resource

Client: NASA TV/Martinez

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

02/13/2003 - 0:09:40 Producer: Savona

AVC-2003-036-1/2 **Mars Exploration Rover Raw Footage Highlights Compilation**

Edited raw footage of various MER tests conducted during 2002. Includes rover assembly in clean room, parachute drop test, DRL drop tests, airbag drop tests, cruise stage assembly and spin tests, spacecraft thermal and vibration

tests, parachute wind tunnel tests.
Audience: News Resource
Client:
Master: DVCPProHD
Audio 1: Mono mix 2: Mono mix
02/13/2003 - 0:32:35 Producer: J. Beck

AVC-2003-036-2/2 **Mars Exploration Rover Raw Footage Highlights Compilation**

Edited raw footage of various MER tests conducted during 2002. Includes rover assembly in clean room, parachute drop test, DRL drop tests, airbag drop tests, cruise stage assembly and spin tests, spacecraft thermal and vibration tests, parachute wind tunnel tests.

Audience: News Resource
Client:
Master: DVCPProHD
Audio 1: Mono mix 2: Mono mix
02/13/2003 - 0:39:58 Producer: J. Beck

AVC-2003-037-1/1 **NASA First Person - Claudia Alexander - Web Production**

The work, experiences and personal observations of JPL employee Claudia Alexander as told by her. Produced for the Daily Planet and the JPL home page.

Audience: Gen. News Site: JPL
Client:
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
02/17/2003 - 0:02:48 Producer: Semerano

AVC-2003-039-1/1 **Research Solves Half-Century Old Moon Mystery - Video File & Web Prod.**

Half a century after an amateur astronomer photographed a flash on the Moon, Jet Propulsion Laboratory's Dr. Bonnie Buratti estimated that the asteroid impact would have made a 1-2 kilometer (.62 - 1.24 mile) sized crater and a radius of 20 meters (65.6 feet). Web Production follows file.

Audience: Gen. Edu. JPL NASA News Resource
Client: NASA TV/Agle
Master: DVCPPro50 Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
Video file - 14:10; Web Production - 1:10
02/19/2003 - 0:15:20 Producer: Savona

AVC-2003-041-1/1 **NASA Space Science Update - Snow Pack on Mars?**

Panelists at NASA HQ discussing latest findings from Mars Global Surveyor and Mars Odyssey regarding gullies on Mars

causes and implications. Dr. Michael Meyer, NASA office of Space Science

Dr. Phil Christensen, Arizona State University

Dr. Jack Mustard, Brown University

Dr. Bruce Jakosky, University of Colorado Boulder

Dr. Lynn Rothschild, NASA Ames Research Center.

Q & a follows.

Audience: Gen. News

Site: NASA HQ

Client:

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

02/19/2003 - 0:34:12 Producer: NASA HQ

AVC-2003-042-1/1 **Women Working on Mars: Engineering on the Red Planet**

In support of National Engineers Week, the webcast highlighted JPL engineers who design, build and test robots destined for Mars! The engineers shared the excitement of Mars exploration and illustrate that a career in engineering is possible for any creative young man or woman.

Mars Outreach Coordinator Stephenie Lievens hosts with engineers Brett Kennedy, Ayanna Howard, Jessica Collisson and Maria Padilla a student from Archer School for Girls.

Questions from Chabot Academy in Oakland highlight webcast.

Audience: Gen. Edu.

Site: von Kármán Aud

Client: Stephanie Lievens, Org. 1850

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

02/19/2003 - 0:40:00 Producer: Reggie

AVC-2003-044-1/1 **Galileo's Long Jupiter Mission Winding Down - Video File**

The flight team for NASA's Jupiter-orbiting Galileo spacecraft will cease operations on Feb. 28, 2003, after a final playback of scientific data from the robotic explorer's tape recorder. Galileo will coast to a mission-ending impact into Jupiter's atmosphere on Sept. 21, 2003.

Audience: News Resource

Client: Webster, Org. 1810

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

02/21/2003 - 0:11:50 Producer: Savona

AVC-2003-045-1/1 **Two Micron All-Sky Survey - Video File**

An atlas of about 5 million pictures is now online, derived from the Two Micron All-Sky Survey, which used twin infrared telescopes, one in Chile and one in Arizona. Home computer

users can now savor results of the most thorough high-resolution digital survey of the entire sky.

Audience: Edu. News Resource

Client: NASA TV/Platt

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

02/26/2003 - 0:04:16 Producer: Savona

AVC-2003-046-1/1 **Dr. Albert Hibbs Memorial Web Video**

Dr. Hibbs died Feb. 24, 2003.

Audience: Gen. JPL

Client: Baggett

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

02/28/2003 - 0:01:15 Producer: Kline

AVC-2003-048-1/1 **Mars Visualization Collection, 3/3/03 - Video File**

00:00 - 01:13 Mars Reconnaissance Orbiter - Trajectory Visualization, 3/3/03

01:17 - 04:40 Mars Odyssey - Global map of Hydrogen Abundance, 5/30/02

04:45 - 06:23 Mars Odyssey - THEMIS Simulated Flight over the Valles Marineris, 5/29/02

06:27 - 14:30 Mars Global Surveyor Orbiter Camera - Evidence of Water, 3/3/03

Solar System Visualization Project

Audience: Gen. News Resource

Client: Eric De Jong

Master: DVCPPro50

Audio 1: Silent 2: Silent

03/03/2003 - 0:14:30 Producer: SSVP

AVC-2003-051-1/1 **SRTM Maps Reveal Dinosaur Crater - Video File**

NASA's Jet Propulsion Laboratory releases a high-resolution topographic map of North America using data collected during the February 2000 Shuttle Radar Topography Mission. SRTM is a cooperative between NASA, the National Imagery & Mapping Agency & German & Italian space agencies.

Audience: Edu. News Resource

Client: NASA TV/Buis

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

03/04/2003 - 0:13:15 Producer: Savona

AVC-2003-054-1/1 **MER Cruise Stage Spins Test Compilation**

Compilation of raw footage of Mars Exploration Rover cruise

stage spin tests in Bldg. 144 at JPL. Shot on 11/04/02 and 11/23/02.

Audience: Resource Site: BLDG. 144

Client: Michelle Viotti

Master: DVCPProHD

Audio 1: Mono mix 2: Mono mix

01/16/1903 - 0:21:06 Producer: Rino Passaniti

AVC-2003-055-1/1 **Mechanical Woman - Video File**

Dr. Ayanna Howard, working for NASA's JPL, credits the television series, The Bionic Woman, for inspiring her career as an engineer integrating robotics with artificial intelligence to develop more autonomous space missions.

Audience: News Resource Site: JPL

Client: Martinez

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

03/11/2003 - 0:09:24 Producer: Semerano

AVC-2003-056-1/1 **Mars Exploration Rover - Twin Rovers in SAF**

The two flight model Mars Exploration Rovers in JPL's Spacecraft Assembly Facility. Includes video comparing MER to 1997 Mars Pathfinder Rover. (Edited raw footage compilation)

Audience: Resource

Client: Michelle Viotti

Master: DVCPProHD

Audio 1: Mono mix 2: Mono mix

02/10/2003 - 0:21:13 Producer: Scott Hulme

AVC-2003-057-1/1 **Mars Exploration Rover-Team Picnic**

The MER Team enjoys an afternoon of fun and recreation with other team members. (Edited raw footage compilation)

Audience: Resource

Client: Michelle Viotti

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix

05/31/2002 - 0:14:12 Producer: Scott Hulme

AVC-2003-058-1/1 **Mars Odyssey Celebrates its First Year of Mapping**

VTV-979

A Space Science Update highlighting the results of the Mars Odyssey mission's first year of science mapping.

Presenters: Dr. Jeffrey Plaut, MO project scientist; Dr.

Phil Christensen, principal investigator for THEMIS; Dr.

Bill Boynton, team leader, Gamma Ray; Dr. Cary Zeitlin,

MARIE studies

Audience: Gen. Edu. JPL NASA News Resource
Client: Media Relations
Master: DV Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/13/2003 - 0:43:44 Producer: Beck/Savona/Hardine

AVC-2003-059-1/1 **SIRTF Pre-Launch Video File**
1. Animation of the launch.
2. B-roll of unpacking and assembling the rocket at Cape Canaveral.
3. Interviews with significant personnel.
Note: Renamed "The Spitzer Space Telescope"
Audience: News Resource
Client: Yee Hill
Master: DVCPRO50 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
03/20/2003 - 0:16:48 Producer: Kline

AVC-2003-060-1/1 **SIRTF L-30 Animations/Movies - Spitzer**
01:00 SIRTF Launch Phase; 01:01 SIRTF Dust Cover Comes Off;
01:02 Earth-trailing Orbit; 01:03 Visible Sky to IR;
01:04:00 Cluster Movie; 01:06 Orion Constellation Movie;
01:07 Orion Nebula Movie; 01:08 Vega Debris Disk Movie.
Note: Renamed "The Spitzer Space Telescope"
Audience: Resource
Client: HQ
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
03/21/2003 - 0:08:20 Producer: Kline

AVC-2003-061-1/1 **von Kármán Lecture Series: Cassini Huygens**
VTV-981 Cassini Program Manager Bob Mitchell discussed the Saturn Mission.
Audience: Gen. Edu. Site: von Kármán
Client: PSO/ Cynthia Cuno, Org. 1840
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/20/2003 - 1:29:02 Producer: Reggie

AVC-2003-062-1/1 **SIRTF Pre-Launch Press Briefing - Mission Panel**
SIRTF Pre-Launch Press Briefing - Mission Panel reviewing overall Mission planning and launch activities from NASA HQ.
Panelists:
Lia Lapiana, SIRTF Program Executive, NASA HQ; Dave Gallagher, Project Manager, JPL;
Mark Garcia, Mission Design, JPL;

Bob Wilson, Mission Operations, JPL;
Suzy Dodd, SIRTf Science Center, Caltech.
Q & A follows.
Note: Renamed "The Spitzer Space Telescope"
Audience: News Site: NASA HQ
Client: Jane Platt
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/25/2003 - 0:50:45 Producer: Borst

AVC-2003-063-1/1 **SIRTf Pre-Launch Press Briefing - Science Panel**
Panel reviewed overall Mission science planning and activities after launch. From NASA HQ.
Panelists:
Dr. Anne Kinney, Dir. of Astronomy & Physics Office of Space Science, NASA HQ;
Dr. Michael Werner, Project Scientist, JPL;
Dr. Alyssa Goodman, Prof., Harvard/Smithsonian Astrophysical Observatory;
Dr. Garth Illingworth, Prof., UC Santa Cruz;
Dr. Belinda Wilkes, Prof., Harvard/SAO;
Dr. George Rieke, Prof., Univ of Ariz.
Q & A follows.
Note: Renamed "The Spitzer Space Telescope"
Audience: News Site: NASA HQ
Client: Jane Platt
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/25/2003 - 0:53:30 Producer: Borst

AVC-2003-064-1/1 **MER Airbag Drop Test #21 High Speed**
Three angles of high-speed close-ups of Mars Exploration Rover Airbag Drop Test #21 at NASA's Plum Brook testing facility in Sandusky, OH.
Audience: Resource
Client:
Master: Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
02/08/2002 - 0:01:26 Producer: Tom Wynne

AVC-2003-065-1/1 **MER Warm Electronics Box (WEB) Assembly & Bonding**
Edited raw footage compilation of the assembly and bonding of a Warm Electronics Box (WEB) for one of the Mars Exploration Rovers.
Audience: JPL Resource Site: JPL-Bldg. 158
Client: Michelle Viotti

Master: DV
Audio 1: Mono mix 2: Mono mix
05/22/2002 - 0:52:42 Producer: David Cha

AVC-2003-067-1/1 **SIRTF L-2 Animations**
EACH STARTS ON AN EVEN MINUTE.
01:00:00:00 Cruikshank Pluto/Charon animation
01:01:00:00 Jura Star Formation
01:02:00:00 Jura Disk animation
01:03:00:00 Kennicut IR Galaxies
01:04:00:00 Deep Galaxies Survey
Note: Renamed "The Spitzer Space Telescope"
Audience: Resource
Client: HQ
Master: DVCPRO50
Audio 1: MOS 2: MOS
04/09/2003 - 0:04:27 Producer: Kline

AVC-2003-071-1/1 **von Kármán Lecture Series-Mars Global Surveyor Across the Centuries**
Presented by Dr. Terry Martin, JPL Research Scientist, Earth and Planetary Atmospheres.
The Mars Global Surveyor (MGS) spacecraft has now circled the Red Planet during two successive centuries, 1997 to 2003 and has redefined our knowledge of Mars' surface, atmosphere, interior, and history. MGS has returned more data about the red planet than all other Mars missions combined and has produced the most accurate global topographic map of any planet in the solar system. Some of the spacecraft's key findings include the revelation of gullies and debris-flow features that suggest current sources of liquid water, similar to an aquifer, at or near the surface of the planet. The spacecraft has also significantly improved the understanding of atmospheric dynamics. As the next Mars rover mission is prepared for launch, the accomplishments of the Mars Global Surveyor Spacecraft and its science teams give us perspective on where we are going.
Audience: Gen. Site: von Kármán Aud.
Client: Cynthia Cuno, Org. 1840
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
04/17/2003 - 1:14:00 Producer: Hardine

AVC-2003-073-1/1 **Galaxy Evolution Explorer Set to Go - Video File**
The Galaxy Evolution Explorer (GALEX) is ready for launch on a Pegasus XL rocket from a L-1011 Stargazer aircraft over

the Atlantic Ocean.

GALEX is an orbiting space telescope that will observe galaxies in ultraviolet light across 10 billion years of cosmic history.

Audience: News Resource

Client: NASA TV/Platt

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

04/22/2003 - 0:13:55 Producer: Savona

AVC-2003-075-1/1
VTV-983

NASA Update

Administer Sean O'Keefe addresses all NASA centers, discussion the new astronaut educator and STS-107 Columbia family support donations.

Audience: NASA Site: HQ

Client:

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

04/25/2003 - 0:59:00 Producer: NASA-TV

AVC-2003-077-1/1

MER Flight Hardware Convoy to KSC and Unloading

Edited raw footage compilation of one of the Mars Exploration Rover flight hardware convoys from JPL to KSC. Includes hardware unloading at KSC.

Audience: Resource Site: KSC

Client: Michelle Viotti

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

04/02/2003 - 0:57:31 Producer: Rino Passaniti

AVC-2003-079-1/1

MER Parachute Testing at Ames Research Center (HD)

Edited raw footage compilation of Mars Exploration Rover parachute designs being tested in the wind tunnel facility at Ames Research Center. Compiled from HD source material.

Audience: Gen. Resource Site: Ames

Client: Michelle Viotti

Master: DVCProHD Submaster: DVCProHD

Audio 1: Mono mix 2: Mono mix

04/30/2003 - 0:33:21 Producer: Scott Hulme

AVC-2003-080-1/1

Deep Impact Sends Your Name to a Comet - Video File

Deep Impact will be the first mission to attempt to impact a comet nucleus in order to answer basic questions about the nature of comets. Carried aboard the impactor is a standard mini-CD containing tens-of-thousands of names of comet and space enthusiasts.

Audience: News Resource
Client: NASA TV/Agle
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/05/2003 - 0:15:56 Producer: Gary Savona

AVC-2003-084-1/2 **MER Parachute Testing near Boise, ID (HD)**
Edited Raw Footage Compilation of Mars Exploration Rover parachute testing near Boise, ID. Compiled from HD source material.
Audience: Gen. JPL Site:
Client: M. Viotti
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
04/30/2003 - 0:59:26 Producer: R. Passaniti

AVC-2003-084-2/2 **MER Parachute Testing near Boise, ID (HD)**
Edited Raw Footage Compilation of Mars Exploration Rover parachute testing near Boise, ID. Compiled from HD source material.
Audience: Gen. JPL Site:
Client: M. Viotti
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
04/30/2003 - 0:25:00 Producer: R. Passaniti

AVC-2003-086-1/1 **Mars Odyssey Science Briefing**
VTV-985 Phil Christensen, Principal Investigator for the THEMIS instrument aboard the Mars Odyssey spacecraft provided an update on the mission's most recent findings.
Audience: JPL Site: von Kármán Aud
Client: Stephanie Lievens
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/08/2003 - 0:56:00 Producer: Hardine

AVC-2003-088-1/1 **vK Lecture Series-Challenges in Mobility & Robotics for InSitu Science**
VTV-986 --- von Kármán Lecture Series ---
Brian Wilcox, Manager of JPL's Solar System Exploration Mobility Technology Program spoke on In situ science on planetary surfaces such as Mars, Venus, Mercury, and Titan poses extreme challenges for mobile robots.
Audience: JPL Site: von Kármán Aud
Client: Cynthia Cuno, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix

05/08/2003 - 1:22:34 Producer: Hardine

AVC-2003-089-1/1 **NASA First Person - Susan Smrekar - Web Production**

The work, experiences and personal observations of JPL employee Susan Smrekar as told by her. Produced for the Daily Planet and the JPL home page.

Audience: Gen. Site: JPL

Client:

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

05/13/2003 - 0:02:48 Producer: Semerano

AVC-2003-090-1/1 **First-Ever Snapshot of Earth from Mars - Video File**

A color picture of the Earth-Moon system and Jupiter and some of its major moons is captured by the Mars orbiter camera onboard the Mars Global Surveyor. Interview with Thomas Thorpe, Mars Global Surveyor Project Manager, JPL.

Audience: JPL NASA Resource

Client: Morledge

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

05/20/2003 - 0:08:55 Producer: Kline

AVC-2003-091-1/1 **QuakeSim: An Advanced Earthquake Modeling System - Video File**

Dr. Andrea Donnellan, QuakeSim Principal Investigator, and a series of animations explain the attempt to develop advanced computer simulation tools that may soon give scientists insight into the complex physics of earthquakes and eventually enable earthquake forecasting.

Audience: JPL NASA Resource

Client: Alan Buis

Master: BCAMsp Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

05/21/2003 - 0:12:49 Producer: Kline

AVC-2003-092-1/2 **MER Landing Site Selection Workshop, January 2003 (HD)**

Mars Exploration Rover team members meet to discuss the final four candidate landing sites. Compiled from HD source material.

Audience: JPL Resource Site: Embassy Suites

Client: Michelle Viotti

Master: DVCPROHD

Audio 1: Mono mix 2: Mono mix

05/14/2003 - 0:38:54 Producer: Passaniti

AVC-2003-092-2/2 **MER Landing Site Selection Workshop, January 2003 (HD)**

Mars Exploration Rover team members meet to discuss the final four candidate landing sites. Compiled from HD source material.

Audience: JPL Resource Site: Embassy Suites

Client: Michelle Viotti

Master: DVCPProHD

Audio 1: Mono mix 2: Mono mix

05/14/2003 - 0:31:28 Producer: Passaniti

AVC-2003-094-1/1 **MER Landing Site Selection Workshop, January 2003 (Mini DV)**

Mars Exploration Rover team members meet to discuss the final four candidate landing sites. Compiled from Mini DV source material. Note: Some audio sequences are distorted.

Audience: Gen. JPL Site: Embassy Suites

Client: Michelle Viotti

Master: DV

Audio 1: Mono mix 2: Mono mix

05/06/2003 - 0:47:42 Producer: Hulme

AVC-2003-096-1/1 **Mars Exploration Rover -- Pre-launch Video File**

1. Updated and expanded animation of launch, landing and exploration. Animation is MOS.

2. B-roll of testing rover, parachute, airbag.

3. Interview with Joy Crisp, project scientist for Mars Exploration Rover.

Audience: Gen. Resource

Client: Guy Webster

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix

05/27/2003 - 0:22:41 Producer: Kline/Maas

AVC-2003-097-1/1 **Mars Exploration Rover Animation - Updated & Expanded SD version.**

Contains the latest animation of Mars 2003 Rovers. Includes launch, separation, cruise, entry, decent, and landing with parachute and airbags as well as taking first images and rover driving around Mars, analyzing the surface.

Audience: Gen. Resource

Client: Guy Webster

Master: BCAMsp

Audio 1: Silent 2: Silent AVC-2000-132

05/27/2003 - 0:09:25 Producer: Dan Maas

AVC-2003-099-1/1 **Mars Express Launch**

Video teleconference link to Baikanour Russia. Poor quality

audio/video.
Audience: News Resource
Client: Mars Express
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/02/2003 - 2:00:00

AVC-2003-100-1/1 **MER-A Launch Press Briefing -- Video roll-ins**
Animations of Mars Exploration Program timeline, zooms to landing sites A&B, flyovers of Gusev crater, trajectory animations (for A&B, A and B), and edited video of testing airbag and parachute.
NO AUDIO EXCEPT FOR LAST SEGMENT ("testing").
Audience: News Resource
Client: HQ
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/03/2003 - 0:20:37 Producer: Kline/de Jong/Maas

AVC-2003-101-1/1 **MER Animation-Updated & Expanded (with sound effects)**
VTV-987
By: Dan Maas. SD Version. MOS
Audience: Gen. JPL Site: Cornell Univ.
Client: Guy Webster, Org. 1810
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/05/2003 - 0:09:25 Producer: Maas/Passaniti

AVC-2003-103-1/1 **MER Prelaunch Mission Briefing**
Participants for the first Mars Exploration Rover were:
Dr. Firouz Naderi, Mars Exploration Manager, JPL; Peter Theisinger, MER Project Manager, JPL;
Rob Manning, MER Entry, Descent and Landing Development Manager, JPL;
David Lavery, MER Program Director, NASA Headquarters.
Audience: NASA News Resource Site: KSC
Client: V.McGregor/MRO, Org. 1810
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
06/06/2003 - 0:55:38 Producer: KSC (Borst)

AVC-2003-104-1/1 **MER Prelaunch Science Briefing**
Participants:
Dr. Joy Crisp, MER Project Scientist, JPL;
Dr. Ed Weiler, Associate Administrator, NASA HQ;
Dr. Jim Garvin, Mars Lead Scientist, NASA HQ;
Dr. Cathy Weitz, MER Program Scientist, NASA HQ;

Dr. Steve Squyres, MER Principal Investigator, Cornell University.

Audience: JPL NASA News Resource Site: KSC

Client: V. McGregor/MRO, Org. 1810

Master: DVCPro25 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/06/2003 - 0:54:03 Producer: KSC (Borst)

AVC-2003-105-1/1 **MER Pre-launch Web Video**

Joy Crisp, Project Scientist, Mars Exploration Rover, gives an overview of the timing and goals of the mission.

Audience: Gen. Resource

Client: Susan Watanabe

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

06/06/2003 - 0:01:10 Producer: Kline

AVC-2003-106-1/1 **L-1 Mars Exploration Rover "Spirit" Press Briefing**

Participants: Orlando Figueroa, Mars Exploration Program Director, NASA HQ;

Omar Baez, NASA Launch Director;

Kris Walsh, Boeing Director for NASA Programs;

Peter Theisinger, MER Project Manager, JPL;

Joel Tumbiolo, Launch Weather Officer

Audience: JPL NASA News Resource Site: KSC

Client: McGregor, Org. 1810

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/07/2003 - 0:40:30 Producer: KSC (Borst)

AVC-2003-107-1/1 **Mars Exploration Rover (MER-A) "Spirit" Launch**

Launched from Cape Canaveral, Florida aboard a Boeing Delta 2 rocket. The rover will reach Mars for a landing on January 4, 2004. The rover is designed to return scientific data that will allow scientists to better understand the composition, climate and history of the Red Planet.

Audience: Gen. News Resource Site: KSC

Client: Media Relations, Org. 1810

Master: BCAMsp Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/10/2003 - 1:22:00 Producer: KSC/Hardine

AVC-2003-108-1/1 **Keck Interferometer First Science - DG Tau -- Video File**

Dr. Rachel Akeson, astronomer at the Michelson Science Center, Caltech, discusses her study of the star DG Tau and its surrounding dust disk, using the Keck Interferometer in

Hawaii. Animations illustrate DG Tau and the Keck. B-roll features the Keck Interferometer.

Audience: News Resource

Client: Platt

Master: DVCPPro50 Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

06/10/2003 - 0:08:07 Producer: Kline

AVC-2003-109-1/1 **SRTM Compilations (Post mission) Version 2**

Shuttle Radar Topography Mission

1. (long version) Animations, Launch, Mast deployment, on-orbit payload tours, Mast retract

2. Simulated flight along the Garlock and San Andreas Faults, California.

Audience: Resource

Client: Tom Farr

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

03/15/2000 - 0:28:00 Producer: Parrillo

AVC-2003-111-1/1 **Mars Exploration Rovers Naming Ceremony**

NASA Assistant Administrator for Public Affairs, Glenn Mahone, introduces NASA Administrator Sean O'Keef, Lego Co. Sr. Vice Pres. Brad Justice, and the "Run to Name the Rovers" contest winner, 3rd grader Sophie Colins from Scottsdale, AZ. She named the twin rovers "Spirit" and "Opportunity".

Audience: Gen. News Resource

Site: NASA KSC

Client:

Master: DVCPPro25 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

06/08/2003 - 0:21:03 Producer: KSC

AVC-2003-112-1/2 **von Kármán Lecture Series: "SIRTF-The Last of the Great Observatories"**

VTV-988

Dr. Michelle Thaller gave a presentation on the Space Infrared Telescope Facility (SIRTF), the largest infrared telescope ever launched. SIRTF will peer into the Universe and reveal regions of space normally hidden to optical telescopes.

Note: Renamed "The Spitzer Space Telescope"

Audience: Gen. Edu. JPL

Site: JPL

Client:

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix

06/12/2003 - 1:05:00 Producer: Semerano

AVC-2003-112-2/2 **von Kármán Lecture Series: "SIRTF-The Last of the Great Observatories"**
 Part 2 of 2
 Audience: Gen. Edu. JPL Site: JPL
 Client:
 Master: DVCPRO25
 Audio 1: Mono mix 2: Mono mix
 06/12/2003 - 0:10:00 Producer: Semerano

AVC-2003-113-1/1 **SRTM South America & Web Productions - Video File**
 NASA's JPL has released a high-resolution topographic map of South America using data collected during the February 2000 Shuttle Radar Topography Mission (SRTM). Included are a flyover animation of the Andes mountain range and interview excerpts of Dr. Michael Kozlowski.
 Audience: NASA News Resource Site: JPL
 Client: NASA TV/Buis
 Master: DVCPRO50 Submaster: DVCPRO50
 Audio 1: Mono mix 2: Mono mix
 06/18/2003 - 0:20:28 Producer: Savona/Semerano

AVC-2003-114-1/1 **Mars Exploration Rover (MER-B) "Opportunity" Pre-launch Video File**
 1. Updated Mars Exploration Rover animation with sound effects.
 2. B-roll of testing of rover, parachute, airbag.
 3. The launch of Rover A ("Spirit") from T-20 to first-stage separation.
 Audience: News Resource
 Client: Webster
 Master: DVCPRO50 Submaster: DVCPRO50
 Audio 1: Mono mix 2: Mono mix
 06/19/2003 - 0:22:31 Producer: Kline

AVC-2003-115-1/1 **The Launch of Spirit - Mars Exploration Rover A**
 Summary of launch on June 10, 2003. Technicians folding the petals at KSC, Live launch from NASA TV transitions to Dan Maas animation (with sound effects). Ends at title card "7 months later."
 Audience: Gen. JPL News Resource
 Client: Dr. Elachi
 Master: DVCPRO50 Submaster: DVCPRO50
 Audio 1: Mono mix 2: Mono mix
 06/19/2003 - 0:03:00 Producer: Kline

- AVC-2003-117-1/1 **Seasat's 25th Anniversary - Video File**
 On June 26, 1978, NASA's Jet Propulsion Laboratory, Pasadena, Calif., launched an oceanographic satellite dedicated to observing Earth's oceans from space. It provided the first global view of ocean circulation, waves and winds.
 Audience: News Resource Site: JPL
 Client: NASA TV/Hill/Buis
 Master: DVCPro50 Submaster: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 06/25/2003 - 0:10:05 Producer: Savona
- AVC-2003-118-1/1 **Mars Exploration Rover: Bigger, Better Wheels**
 MER Mechanical Lead Randy Lindemann explains various features of the Mars Exploration Rover mobility system.
 Audience: Gen. JPL Resource Site: JPL
 Client:
 Master: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 05/30/1903 - 0:02:53 Producer: Scott Hulme
- AVC-2003-120-1/1 **NASA First Person - Gary Blackwood - Web Production**
 The work, experiences and personal observations of JPL employee Gary Blackwood as told by him. He is involved in searching for Earth-like planets. Produced for the Daily Planet and the JPL home page.
 Audience: Gen. Resource Site: JPL
 Client: Susan Watanabe, Org. 181
 Master: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 06/25/2003 - 0:02:48 Producer: Semerano
- AVC-2003-121-1/2 **MER Landing Site Selection Review Board - 3/2003**
 Mars Exploration Rover team members present the final landing site candidates to the MER review board. Compile from HD source material. Footage taken on 03/26-28/2003.
 Audience: Gen. News Resource Site: JPL
 Client: Michelle Viotti, Org. 1860
 Master: DVCProHD
 Audio 1: Mono mix 2: Mono mix
 06/25/2003 - 0:20:53 Producer: Passaniti
- AVC-2003-121-2/2 **MER Landing Site Selection Review Board - 3/2003**
 Mars Exploration Rover team members present the final landing site candidates to the MER review board. Compile from HD source material. Footage taken on 03/26-28/2003.

Audience: Gen. News Resource Site: JPL
Client: Michelle Viotti, Org. 1860
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
06/25/2003 - 0:30:20 Producer: Passaniti

AVC-2003-123-1/1 **Mars Exploration Rover "Opportunity" (MER-B) Launch Minus 1 Briefing**

Presenters:
George Diller, NASA Public Relations;
Dr. Ed Weiler, NASA Associate Administrator for Space Science;
Omar Baez, NASA Launch Director;
Kris Walsh, Boeing Director;
Peter Theisinger, MER Project Manager, JPL;
Steve Squyres, MER Principal Investigator.
Audience: News Resource Site: Canaveral, FL
Client: MER/MRO/John Beck, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/27/2003 - 0:47:23 Producer: KSC

AVC-2003-128-1/2 **Mars Exploration Rover (MER-B) "Opportunity" Launch Coverage**
NASA TV Launch Coverage 8:30 PM EST Actual launch on the tape.

Audience: Gen. News Resource Site: Canaveral, FL
Client: Michelle Viotti
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/07/2003 - 2:00:00 Producer: recorded by Borst

AVC-2003-128-2/2 **Mars Exploration Rover (MER-B) "Opportunity" Launch Coverage**
Starts out at spin out of the third stage and goes on to acquisition.

Audience: Gen. News Resource Site: Canaveral, FL
Client: Michelle Viotti
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/07/2003 - 1:50:00 Producer: Borst

AVC-2003-129-1/1 **Compilation of SRTM Flyover Animations: Andes Mtns., Calif., San Andreas**

The computer animations are 3D simulated flyovers of the Andes Mountains in South America; California and San Francisco; Garlock and San Andreas Faults. Flyovers are created using data from the Shuttle Radar Topography Mission

and a Thematic Mapper image from the Landsat satellite.
Audience: Gen. Resource
Client: Mona Jasnow
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Silent 2: Silent
07/08/2003 - 0:10:40 Producer: Savona

AVC-2003-130-1/1 **Jason-Topex/Poseidon Tandem Mission - Video File**
The joint NASA-French Space Agency oceanography satellites Topex/Poseidon and Jason are currently performing a tandem mission to map the height of the world's ocean surfaces with unprecedented accuracy.
Audience: News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/15/2003 - 0:10:48 Producer: Gary Savona

AVC-2003-132-1/1 **Solar System Roadmap**
With Dr. Colleen Hartman, Orlando Figueroa, Dr. Michael Belton, Dr. Michael Drake and Dr. Laurie Leshin.
Audience: Gen.
Client: Alice Wessen
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/10/2003 - 0:07:17 Producer: Kline/Beck

AVC-2003-139-1/1 **Searching and Crawling, A Few JPL Research Robots**
-- von Kármán Lecture Series --
Robert Hogg, Robotics Engineer, JPL Mobility Systems Concept Development Section and Brett Kennedy Task Manager, Limbed Excursion Mobile Utility Robot, highlight 3 research robots. Micro-Robot Explorer nicknamed "Spider-bot", Urban Robot "Urbie" and Mechanical Utility Robot, "Lemur".
Audience: Gen. Edu. JPL Site: von Kármán
Client:
Master: DVCPro25 Submaster: VHS
Audio 1: Mono mix 2: Mono mix
07/17/2003 - 1:28:46 Producer: Reggie Hardine

AVC-2003-141-1/1 **GRACE Gravity Model 01 - Video File**
The joint NASA-German Aerospace Center Gravity Recovery and Climate Experiment, or GRACE, mission has released its first science product: the most accurate map yet created of Earth's gravity field.

It will help us understand ocean circulation, which strongly influences weather and climate.

Audience: News Resource Site: JPL

Client: NASA TV/Buis

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

07/18/2003 - 0:13:23 Producer: Gary Savona

AVC-2003-142-1/1 **MAM Spotlight - Microarcsecond Metrology Testbed**
Renaud Goullioud, Project Manager for the Microarcsecond Metrology Testbed, gives a tour of the testbed, which is housed in a vacuum chamber.
Audience: Gen. JPL
Client: Randy Jackson
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
07/21/2003 - 0:01:50 Producer: Kline

AVC-2003-145-1/1 **NASA Update with Administrator Sean O'Keefe**
VTV-990 NASA Administrator, Sean O'Keefe shares the latest information about the agency's "Return to Flight" effort. Administrator O'Keefe also talks about what to expect in the Columbia Accident Investigation in the next month. Live from NASA's Goddard Space Flight Center in Greenbelt, MD.
Audience: JPL NASA Site: Greenbelt, MD
Client:
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
07/23/2003 - 1:10:00 Producer: Goddard/HQ

AVC-2003-147-1/1 **Phoenix Animations: 2008 Arrival at Mars & Instrument Tests**
Phoenix Arrival at Mars 2008 - 1:30
Phoenix Instrument Tests - 4:07
Audience: JPL
Client: Webster
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
08/04/2003 - 0:06:04 Producer: De Jong/Maas

AVC-2003-152-1/1 **Jupiter Icy Moons Animation**
VTV-1009 Narrated animation with music showing a proposed journey of an innovative spacecraft from Earth to Jupiter and three of its moons. Video levels are slightly higher than normal for the web.
Audience: Gen. News Resource Site: JPL
Client:

Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
08/02/2003 - 0:01:33 Producer: Semerano

AVC-2003-153-1/1 **The Jet Age Begins -- Web Video**
Historical video about JATO, Jet Assisted Take Off for aircraft, developed in the 1940s.
Audience: Gen.
Client: Watanabe
Master:
Audio 1: Mono mix 2: Mono mix
08/06/2003 - 0:00:58 Producer: Kline

AVC-2003-154-1/1 **Testing The Private - Web Video**
Historical video about the Private missile developed by JPL for the Army in 1940s.
Audience: Gen.
Client: Watanabe, Org. Wan
Master:
Audio 1: Mono mix 2: Mono mix
08/06/2003 - 0:01:09 Producer: Kline

AVC-2003-160-1/1 **Mars Exploration Rover-A Launch Activities at KSC (HD)**
Edited raw footage compilation of the Spirit rover launch from Kennedy Space Center. Pre-launch briefings, Mission Director's Center, tower rollback and launch. Compiled from HD source material.
Audience: News Resource
Client: Michelle Viotti
Master: DVCPROHD
Audio 1: Mono mix 2: Mono mix
06/10/2003 - 0:29:31 Producer: Scott Hulme

AVC-2003-161-1/1 **Spirit & Opportunity**
Graphics and animation tell the story of the launches of Spirit and Opportunity, the two Mars Exploration Rovers. Formerly known as "MER Launches - A Summary for Dr. Elachi." Revised 12/30/2003. Revised again 01/24/2004.
Audience: Gen. Edu. Resource
Client: Blaine Baggett
Master: DVCPRO50 Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
08/13/2003 - 0:03:32 Producer: Beck

AVC-2003-162-1/1 **Sensor Web for Forest Fire Detection - Video File**
NASA Jet Propulsion Laboratory-developed software helps link

NASA's Earth Science satellites to form a virtual web of sensors with the ability to monitor the globe. Included in this video file is an animation showing how such a scenario might play out in the detection of forest fires.

Audience: Gen. News Resource

Client: Lovato

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/14/2003 - 0:05:15 Producer: Semerano

AVC-2003-163-1/1 **Challenges of Getting to Mars - Two Launches**

Overview of some of the problems and delays which came prior to the eventual launches of both Spirit and Opportunity.

Audience: Gen. Resource

Client: Mars Office

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/15/2003 - 0:02:14 Producer: Beck/Johnson

AVC-2003-164-1/1 **Challenges of Getting to Mars - Weather Constraints for Spirit**

Overview of the weather challenges that delayed the launch of Spirit.

Audience: Gen. Resource

Client: Mars Office

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

08/15/2003 - 0:02:15 Producer: Beck/Johnson

AVC-2003-165-1/1 **SIRTF L-1 -- Video Roll-ins for Press Briefing**

1:00:00 = Pluto

1:00:27 = Star Formation

1:01:04 = Protoplanetary Disks

1:01:49 = Deep Survey

1:02:32 = SIRTF Launch

1:03:41 = Earth-trailing Orbit

1:04:11 = Visible to IR

1:04:40 = Cryo Chamber Size Change

Note: Renamed "The Spitzer Space Telescope"

Audience: Resource

Client: Hill

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/15/2003 - 0:05:01 Producer: Kline

AVC-2003-166-1/1 **NASA First Person - Ayanna Howard - Web Production**

The work, experiences and personal observations of JPL

employee Ayanna Howard as told by her. Produced for the Daily Planet and the JPL home page.

Audience: Gen.

Client: McGahan

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

08/17/2003 - 0:02:48 Producer: Semerano

AVC-2003-167-1/1 **SIRTF L-1 Video File**

Animations: SIRTF Launch, IR vs. visible light, planet-forming discs;

B-roll: SIRTF at Lockheed Martin, 1st stage prep, attaching to 2nd stage; interviews: Dr. Michael Werner, proj.

scientist, Dr. Jay Frogel, prog. scientist, Lia LaPiana,

prog. exec. & Dr. Anne Kinney, dir. Astronomy & Physics

Note: Renamed "The Spitzer Space Telescope"

Audience: News Resource

Client: Hill

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

08/19/2003 - 0:09:09 Producer: Kline

AVC-2003-168-1/1 **Mars Exploration Rover Launches: Stormy weather at KSC**

Edited raw footage compilation of developing storms at Kennedy Space Center during the Mars Exploration Rover launch periods. Compiled from HD source material.

Audience: Gen. Resource

Client: Michelle Viotti

Master: DVCPROHD

Audio 1: None 2: None

08/13/2003 - 0:18:50 Producer: Scott Hulme

AVC-2003-169-1/1 **Shuttle Radar Topography Mission (SRTM) 30 - Video File**

NASA and the National Imagery and Mapping Agency have released the first global data set produced by the Shuttle Radar Topography Mission. Called SRTM30, it provides new and improved information for the 80 percent of Earth's land mass.

Audience: News Resource

Site: JPL

Client: NASA/TV/Lovato

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

08/19/2003 - 0:11:30 Producer: Savona

AVC-2003-170-1/1 **Sensor Web for Detecting Forest Fires -- WEB Version**

Animation shows how satellites can work as a team -- a

"sensor web," in this case first detecting then homing in on a forest fire.

Audience: Gen. Resource

Client: Watanabe

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

08/20/2003 - 0:01:30 Producer: Kline/Semerano

AVC-2003-171-1/1
VTV-992

The Mars Exploration Rovers - Robotic Geologists

von Kármán Lecture Series

Presented by: Peter Theisinger, JPL Mars Exploration Rover Program Manager

He focused on the post landing mission plans for the Mars Exploration Rovers when the rovers arrive in January 2004.

Audience: Edu. JPL Site: von Kármán Aud

Client: Blaine Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

08/21/2003 - 1:51:00 Producer: Hardine

AVC-2003-172-1/1

SIRTF Mission Science Briefing & Pre-Launch Press Conf.

SIRTF Mission Science Briefing 40:34 Min.

Pre Launch Press Conference 39:47 Min.

Note: Renamed "The Spitzer Space Telescope"

Science Briefing panelists:

Dr. Anne Kinney

Director, Astronomy & Physics Division

Office of Space Science

NASA Headquarters, Washington

Dr. Michael Werner, Space Infrared Telescope Facility

Project Scientist

JPL

Dr. Dale Cruikshank, Interdisciplinary Scientist for Planetary Science

NASA Ames Research Center

Dr. Michael Jura, Space Infrared Telescope Facility

interdisciplinary scientist for planetary science-University of California, Los Angeles

Dr. Marcia Rieke, Astronomer/Professor

Stewart Observatory, university of Arizona, Tucson

Pre-Launch Briefing participants:

Lia LaPiana, Space Infrared Telescope Facility Program

Executive

NASA Headquarters, Washington

Omar Baez, NASA Launch Director

Kennedy Space Center, Fla.
Rich Murphy, Delta Mission Director
Boeing Expendable Launch systems, Huntington Beach, Calif.
David Gallagher, Space Infrared Telescope Facility Project
Manager - JPL
Joel Tumbiolo, U.S. Air Force Delta/Space Infrared Telescope
Facility Launch Weather Officer 45th Weather Squadron, Cape
Canaveral Air Force Station, Fla.
Audience: News Site: KSC
Client: MRO, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/22/2003 - 1:21:00 Producer: Ziats

AVC-2003-173-1/2 **SIRTF Launch**
Start of coverage at 8:30 PM PST
Launch at 2:06:50 Min.
Commentary with George Diller from Kennedy Space Center
Note: Renamed "The Spitzer Space Telescope"
Audience: Gen. News Resource Site: KSC
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/24/2003 - 3:04:00 Producer: KSC (Bridges)

AVC-2003-173-2/2 **SIRTF Launch**
Continuing of launch coverage
Acquisition of the spacecraft
Interviews of Omar Baez, NASA Launch Director, KSC
and David Gallagher, SIRTF Project Manager, JPL
Note: Renamed "The Spitzer Space Telescope"
Audience: Gen. News Resource Site: KSC
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/24/2003 - 0:31:29 Producer: KSC (Bridges)

AVC-2003-175-1/1 **Mars Exploration Rover Launches: Tracker camera view**
Edited raw footage compilation of the launches of the Mars
Exploration Rovers, Spirit and Opportunity. Shot with HD
cameras on a tracker at Kennedy Space Center.
Audience: Gen. News Resource Site: KSC
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
08/15/2003 - 0:05:57 Producer: Scott Hulme

AVC-2003-176-1/1 **NASA Press Conference - Columbia Accident Investigation with O'Keefe**

NASA Administrator Sean O'Keefe conducts a press conference concerning the Columbia Accident Investigation. Live from NASA Headquarters in Washington, DC.

Audience: NASA News Site: NASA HQ

Client: NASA

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

08/27/2003 - 1:30:01 Producer: HQ (Borst)

AVC-2003-177-1/1 **The Planet Mars Compilation**

The following releases on here are:

AVC-1989-012 Mars the Movie;

AVC-2000-052 Martian North & South Polar Caps Images - Video File;

AVC-2001-038 History & Future of Mars Exploration, Prior to Launch of '0 Odyssey;

AVC-2001-071 Recent Images from Mars Global Surveyor - Video File;

AVC-2001-047 2001 Mars Odyssey Pre-launch Video File;

AVC-2001-182 Martian South Pole Mesas and Pits in Frozen Carbon Dioxide;

AVC-2001-105 Viking 25th Anniversary Video

Audience: Gen. Resource Site: Various

Client: Anita Sohus

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

09/05/2003 - 0:59:10 Producer: Savona

AVC-2003-179-1/1 **Mars Exploration Rover Mission**

The Mission (9:03)

The Launch of "Spirit" (2:52)

The Launch of "Opportunity" (3:06)

Summary (3:24)

Audience: Gen. Resource

Client: Patty Rhee

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

09/09/2003 - 0:18:44 Producer: Kline

AVC-2003-181-1/1 **Public Suggestions for Mars Pictures -- Video File**

The first image of Mars suggested by a member of the public was made from Mars Global Surveyor. Also included are the launch of Mars Global Surveyor and an animation of the

spacecraft aerobraking to adjust its orbit at Mars.
Audience: News Resource
Client: Webster
Master: DVCPro50 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
09/10/2003 - 0:05:23 Producer: Kline

AVC-2003-182-1/1 **Galileo EOM Animation and Highlights Reel.**
Galileo End of Mission animation followed by a 9:25 minute
Galileo Highlights reel with music which in turn is
followed by a 4:30 minute version of the same highlights
reel also with music.
Audience: Gen. News Resource Site: JPL
Client: Alice Wessen
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/12/2003 - 0:15:25 Producer: Semerano

AVC-2003-184-1/1 **Galileo Draws to a Dramatic Close - Video File & Web Video**
On Sept. 21, 2003 the longest orbital survey of an outer
planet, The Galileo mission, will draw to a close when the
spacecraft burns up in Jupiter's upper atmosphere.
Animation, B-roll, 10 top pictures and interviews
Goodbye Galileo Web Production - 2:16
Audience: Gen. News Resource
Client: NASA TV/Agle
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/16/2003 - 0:27:42 Producer: Savona

AVC-2003-185-1/1 **Galileo End of Mission Briefing**
VTV-995
Space Science Update Participants: Dr. Colleen
Hartman, Solar System Explor. Div., NASA HQ
Dr. Claudia Alexander, Galileo Proj. MGR. JPL
Dr. Michael Belton, NOAO, Tucson, Ariz.
Dr. Don Williams, John Hopkins University
Jim Erickson, Former Galileo Proj. Manager, JPL
Audience: News Site: NASA HQ
Client: Carolina Martinez, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/17/2003 - 0:47:00 Producer: HQ (Ziats)

AVC-2003-186-1/1 **Mars Exploration Rover Animation - (SFX ONLY) Final Version**
Contains animation of Mars 2003 Rovers. Includes launch,
separation, cruise, entry, descent, and landing with

parachute and airbags as well as taking first images and rover driving around Mars, analyzing the surface. Sound Effects Only.

Audience: Gen. Edu. Resource

Client: Michelle Viotti

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

09/18/2003 - 0:09:25 Producer: Dan Maas

AVC-2003-191-1/1 **Hurricane Isabel - Video File**

NASA keeps a close watch on Hurricane Isabel with a suite of instruments aboard Earth observing satellites. Much of the data gathered comes from instruments built at NASA's JPL. This video file shows some of the images of Hurricane Isabel made from those instruments.

Audience: News Resource

Client: Buis

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

09/19/2003 - 0:05:35 Producer: Semerano

AVC-2003-192-1/1 **Goodbye Galileo - Galileo Impacts Jupiter**

Live production for NASA TV during Galileo's planned impact at Jupiter. Followed by musical performance by Not Ready for Real Time Players distributed in-house at JPL only.

10:59:20 Tape start

11:00:00 Show start

12:10:43 Show end

12:16:46 Musical performance starts

12:43:07 Musical performance ends

12:44:23 EOT

Audience: Gen.

Client: NASA TV & JPL

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/21/2003 - 1:45:03 Producer: Baggett/Agle/Kline

AVC-2003-193-1/1 **Jupiter Icy Moons Tour Animation -- Brighter Spacecraft**

In this version of the animation, the spacecraft has been brightened to contrast with the blackness of space.

Includes narration and music.

The original animation, MOS and with realistic lighting, is on AVC-2003-007. The same animation with narration and music is on AVC-2003-152.

Audience: Resource

Client:

Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/23/2003 - 0:01:39 Producer: Semerano

AVC-2003-196-1/1 **Challenges of Getting to Mars - Testing the Rovers**
Overview of some of the testing of the Mars Exploration Rovers Spirit and Opportunity in the JPL Mars Yard.
Audience: Gen. Edu. Resource Site: Mars Yard/JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
09/30/2003 - 0:01:50 Producer: Scott Hulme

AVC-2003-197-1/1 **AIRS Level 2 Data - Video File**
NASA's Aqua spacecraft is giving meteorologists and climatologists the ability to generate CAT-scan-like profiles of Earth's atmosphere through an instrument built at JPL known as AIRS--the Atmospheric Infrared Sounder.
Audience: Gen. News Resource Site: JPL
Client: Buis
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
10/01/2003 - 0:19:12 Producer: Semerano

AVC-2003-198-1/1 **The 4 Launches of 2003: GALEX, Spirit, Opportunity & SIRTf**
An inspiring music driven opening shows JPL's 4 launches in 2003: GALEX, Spirit, Opportunity and SIRTf that was used for the State of the Laboratory address by Dr. Charles Elachi.
Audience: Gen.
Client: Baggett/Elachi
Master: DVCPro50
Audio 1: Stereo 2: Stereo
10/09/2003 - 0:02:11 Producer: Gary Savona

AVC-2003-200-1/1 **Patagonia Ice Fields (SRTM) - Video File**
A new study of the Patagonia Ice fields in South America by NASA and Chile's Centro de Estudios Cientificos concludes the ice fields, the largest non-Antarctic ice masses in the Southern Hemisphere, are thinning at a faster pace -- contributing to global sea-level rise.
Audience: Gen. JPL News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/15/2003 - 0:16:27 Producer: Gary Savona

- AVC-2003-203-1/1 **NASA Update**
NASA Administrator Sean O'Keefe discusses the new NASA Safety and Engineering Center at Langley Research Center and how its fits in to the agency's overall Return to Flight effort and NASA's other safety and engineering assessment programs. O'Keefe was joined by former Apollo flight director Gene Krantz, who as a result of his heroic efforts in helping to bring Apollo 13 safety back to Earth in April 1970, has come to embody American perseverance and determination. Krantz retired from NASA in 1994 after nearly four decades of federal service and currently works as a consultant and speaker. "Failure is not an option", the motto that carried him through the Apollo 13 crisis, is also the title of his best selling book, published in 2001.
Audience: NASA Site: NASA HQ
Client: Blaine Baggett
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/30/2003 - 1:32:00 Producer: NASA TV
- AVC-2003-204-1/1 **The Perfect Space Storm - Video File**
Newly uncovered scientific data of recorded history's most massive space storm is helping a NASA scientist investigate its intensity and the probability that what occurred almost a century- and-a-half ago could happen again.
Audience: Gen. News Resource Site: JPL
Client: Agle
Master:
Audio 1: Mono mix 2: Mono mix
10/22/2003 - 0:10:13 Producer: Semerano
- AVC-2003-205-1/1 **The Deep Space Network Completes Upgrades - Video File**
The Deep Space Network, managed by NASA's Jet Propulsion Laboratory in Calif., is an international network that supports interplanetary spacecraft missions. With antennas in Spain, Australia, and California the network provides communication with spacecraft at all times.
Audience: Gen. News Resource Site: JPL
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/03/2003 - 0:13:36 Producer: Savona
- AVC-2003-207-1/1 **NASA Space Science Update - Voyager 1 - Edge of the Solar System**
VTV-997
New observations from Voyager 1 indicate the spacecraft is approaching a formerly unexplored region at

the very edge of our solar system.

Panelists: Dr. Merav Opher, JPL research scientist
Dr. Edward Stone, Voyager project scientist and former JPL director

Dr. Stamatios M. "Tom" Krimigis, head of space department, John Hopkins University Applied Physics Laboratory, Laurel, MD.

Dr. Frank McDonald, senior research scientist, University of Maryland, College Park

Dr. Eric Christian, discipline scientist, Sun-Earth Connection Division, NASA Headquarters

Voyager 1, built, flown and managed by JPL, left Earth in 1977 and made a string of discoveries while flying past Jupiter in 1979 and Saturn in 1980. Voyager 1, the most distant of any human-made object, is about 13.4 billion kilometers (about 8.4 billion miles) from the Sun, traveling at a speed of about 17 kilometers per second (roughly a million miles) every day. Its twin, Voyager 2, made a grand tour of four outer planets and is more than twice as far from the Sun as our solar system's most distant planet, Pluto. During their 26-year journey, they have paved the way to understanding Jupiter, Saturn, Uranus and Neptune.

Audience: Gen. News Resource Site: NASA HQ

Client: NASA HQ

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

11/05/2003 - 0:55:33 Producer: HQ (Borst)

AVC-2003-210-1/1

QuakeSim

Two animations depicting the history of earthquake activity in the Southern California area. Narrated with music.

Audience: Gen. Site: JPL

Client: M. Judd

Master:

Audio 1: Stereo 2: Stereo

11/07/2003 - 0:04:25 Producer: Semerano

AVC-2003-211-1/1

Voyager Nears The Edge of the Solar System

Audience: Gen. Resource

Client: NASA TV

Master:

Audio 1: Mono mix 2: Mono mix

11/06/2003 - 0:22:00 Producer: Goddard TV

AVC-2003-212-1/1

Finding Mars on Earth

Dr. James Garvin, lead scientist for NASA's Mars Exploration

Program, tours Surtsey Island, Iceland, demonstrating what can be learned about Mars from studying landforms on Earth that are similar to landforms on Mars.

Audience: Gen. Resource

Client: S. Watanabe

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

11/10/2003 - 0:02:00 Producer: Kline

AVC-2003-214-1/1 **Possible Ancient Lake Delta on Mars -- Video File**
Mars Global Surveyor images reveal a delta-like deposit on Mars, seen by scientists as evidence that the planet once had long-lasting rivers and lakes, not just brief intense floods. Includes a flyover animation by Malin Space Science Systems.

Audience: News Resource

Client: Webster

Master: DVCPPro50

Audio 1: MOS 2: MOS

11/12/2003 - 0:03:34 Producer: Kline

AVC-2003-215-1/1 **Evidence of a River Delta on Mars - Web Video**
1 Newly-seen details in images from NASA's Mars Global Surveyor show a fan-shaped deposit that provides evidence that some ancient rivers on Mars flowed for a long time, not just in brief intense floods.

Audience: News Resource

Client: S. Watanabe

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

11/14/2003 - 0:01:02 Producer: Kline

AVC-2003-219-1/1 **von Kármán Lecture Series - The DSN Challenge for 2003-2004**
VTV-998 Peter Doms talks about the Deep Space Network's (DSN) role in providing the only means of communication between distant spacecraft and Earth. From November, 2003 until February 2004, the DSN must meet the challenge of supporting more events of this magnitude than ever in its history.

Audience: Gen. Edu.

Site: von Kármán Aud

Client: Public Services

Master: DVCPPro25 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

11/20/2003 - 0:57:09 Producer: Gary Savona

AVC-2003-221-1/1 **NASA's Stardust Spacecraft Prepares for Wild Encounter - Video File**

On Jan. 2, 2004 at about 11:41 a.m. PST NASA's Stardust spacecraft will have a close encounter with comet Wild 2. A "cometary catcher's mitt," a tennis-racket-shaped particle catcher filled with a material called aerogel, will capture particles of comet dust and return them to Earth in 2006.

Audience: Gen. News Resource Site: JPL

Client: NASA TV/Agle

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

12/19/2003 - 0:21:00 Producer: Gary Savona

AVC-2003-222-1/1 **Mars Rovers Head for Challenging Arrivals - Video File**

1. Animation of mission.
2. B-roll of testing.
3. Launch highlights: Spirit.
4. Launch highlights: Opportunity.

Audience: News Resource

Client: Webster

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

11/28/2003 - 0:21:30 Producer: Kline

AVC-2003-223-1/1 **NASA First Person - Dr. Mark Adler - Web Production**

JPL employee, Dr. Mark Adler, explains his work as Spirit Mission Manager for the Mars Exploration Rover Project. Produced for the Daily Planet and the JPL home page.

Audience: Gen. Edu. Resource

Client: Angela McGahan

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

Produced for the Web

12/03/2003 - 0:03:28 Producer: Savona

AVC-2003-224-1/1 **SIRTF's New Name "SPITZER" and First Images**

The first colorful and revealing cosmic images from JPL's Space Infrared Telescope Facility (SIRTF) were unveiled and NASA Administrator Sean O'Keefe announced a new name for the mission. Participants: Weiler, Werner, Bahcall, Fazio, Houck, and Rieke

Audience: Gen. News Resource Site: NASA HQ

Client: Gay Hill

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

12/18/2003 - 0:00:00 Producer: HQ (Borst)

AVC-2003-225-1/1 **Deciding Where to Land - Web Production**

Matt Golombek hosts a video produced for the web about what factors scientists and engineers consider in choosing landing sites for the Mars Exploration Rovers.

Audience: Gen. Site: JPL

Client:

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

12/01/2003 - 0:01:53 Producer: Semerano

AVC-2003-226-1/1 **Studying Earthquakes from Space: Progress Since Northridge -Video File**

A series of animations and stills depict methods of analysis and results achieved.

Audience: News Resource

Client: Buis

Master: DVCPPro25

Audio 1: MOS 2: MOS

12/01/2003 - 0:13:18 Producer: Kline

AVC-2003-229-1/1 **Six Minutes of Terror - 3 Segments**

3 segments of total running time of 5:24 Min.

Challenges of Getting to Mars Series. Entry, Descent and Landing. Explanation of MER EDL by JPL Mars Exploration Team Members.

Audience: Gen. Edu. News Resource Site: JPL

Client: Michelle Viotti

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

12/02/2003 - 0:05:24 Producer: Beck

AVC-2003-230-1/1 **Six Minutes of Terror**

VTV-1007

Challenges of Getting to Mars Series. Entry, Descent and Landing. Explanation of MER EDL by JPL Mars Exploration Team Members.

Audience: Gen. Edu. News Resource Site: JPL

Client: Michelle Viotti

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

12/02/2003 - 0:05:24 Producer: Beck

AVC-2003-231-1/1 **Earthquakes As Seen From Space-Earth Science Update**

NASA's unique contributions to this rapidly maturing field of study and implications of this research mitigating future seismic hazards were focused in the update.

Panelists: Dr. Andrea Donnellan - Geophysicist and deputy manager of Earth and Space Sciences Division at JPL, Dr.

Bradford H. Hager - Professor, Massachusetts Institute of Technology, Dr. John B. Rundle - Professor and founding director, Computational Science & Engineering at UC Davis, CA, Dr. Wayne Thatcher-Senior research geophysicist, U.S. Geological survey, Menlo Park, CA , Dr. James H. Whitcomb-Section head for Special Projects, Earth Sciences Division, National Foundation, Arlington, VA
Audience: News Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
12/04/2003 - 0:58:00 Producer: HQ (Hanchett)

AVC-2003-234-1/1 **Jupiter Icy Moons Orbiter Science Objectives - Video File**
Jupiter Icy Moons Orbiter animations shows a conceptual illustration of a proposed mission to the Jovian system.
Audience: News Resource Site: JPL
Client: NASA TV/Martinez
Master: DVCPPro50
Audio 1: Silent 2: Silent
12/05/2003 - 0:08:36 Producer: Semerano

AVC-2003-236-1/1 **Lyman Spitzer, A Space Visionary**
A biography of Professor Lyman A. Spitzer, who created the concept of putting telescopes in space. Features interviews with prominent co-workers and Mrs. Spitzer. Produced for the announcement of the re-naming of the SIRTf spacecraft, the Spitzer Space Telescope.
Audience: News Resource
Client: Doris Daou
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
11/28/2003 - 0:05:23 Producer: Kline

AVC-2003-237-1/1 **Selected Scenes of Jim Garvin in Iceland**
Filmed on location 10/3/03 on Surtsey Island, Iceland.
Audience: Edu. Resource Site: Iceland
Client: Michelle Viotti
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/09/2003 - 0:10:00 Producer: Passaniti

AVC-2003-238-1/1 **Selected Scenes of Jim Garvin in Nevada**
Filmed on location at Sedan Crater, Nevada 11/03/2003.
Audience: Gen. Edu. JPL Resource Site: Nevada
Client: Michelle Viotti

Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
12/09/2003 - 0:10:00 Producer: Passaniti

AVC-2003-239-1/1 **NASA Unveils Observations & Name for Space Observatory - Video File**

VIDEO FILE: The Spitzer Space Telescope, formerly known as the Space Infrared Telescope Facility, detects objects too cold, dusty or distant to be seen otherwise. Animations and interviews with Dr. Michael Werner, Dr. George Rieke and David Gallagher.

Audience: News Resource
Client: NASA TV/Hill
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/11/2003 - 0:11:15 Producer: Kline

AVC-2003-240-1/1 **von Kármán Lecture Series - Exoplanetary Systems**

JPL Senior Research Scientist Dr. John Trauger will present "Pointing the Way to Exoplanetary Systems: New Initiatives in Space Astronomy and the Legacy of the Hubble Space Telescope"

Audience: Gen. Edu. Site: 186-AUD
Client: PSO, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/11/2003 - 1:10:31 Producer: Semerano

AVC-2003-241-1/1 **NASA First Person - Dr. Shyam Bhaskaran - Web Production**

JPL employee, Dr. Shyam Bhaskaran, of the Stardust mission is navigating a spacecraft to collect samples from Comet/Wild 2 and return them to earth. Produced for the Daily Planet and the JPL home page.

Audience: Gen. Edu.
Client: Angela McGahan
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
Produced for the Web
12/16/2003 - 0:02:46 Producer: Gary Savona

AVC-2003-242-1/1 **Challenges of Getting to Mars - Navigation**

Overview of the navigation of the Mars Exploration Rovers Spirit and Opportunity. Two versions (with and without music).

Audience: Gen. Edu. News Resource
Client: Michelle Viotti
Master: DVCProHD Submaster: DVCProHD

Audio 1: Mono mix 2: Mono mix
12/15/2003 - 0:02:31 Producer: Scott Hulme

AVC-2003-243-1/1 **Challenges of Getting to Mars - Impact to Egress**
Overview of the Impact to Egress phase of the Mars
Exploration Rovers Spirit and Opportunity. Full version.
Audience: Gen. Edu. News Resource
Client: Michelle Viotti
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/22/2003 - 0:04:36 Producer: John Beck

AVC-2003-244-1/1 **Challenges of Getting to Mars - Impact to Egress (2 segments)**
Overview of the Impact to Egress phase of the Mars
Exploration Rovers Spirit and Opportunity. Split version
with two segments (02:20 and 02:22).
Audience: Gen. Edu. News Resource
Client: Michelle Viotti
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/22/2003 - 0:04:45 Producer: John Beck

AVC-2003-246-1/1 **Stardust Pre-Encounter News Briefing**
Participants:
Dr. Tom Morgan, Stardust Program Executive-NASA HQ, Tom
Duxbury, Stardust Program Manager-JPL, Dr. Don Brownlee,
Stardust Principal Investigator-University of
Washington/Seattle, Ed Hirst, Stardust Mission Planner-JPL,
Dr. Shyam Bhaskaran, Stardust Navigator/Imaging Science-JPL
Press Conference Ends at 39:40 Min. Total Running Time is
41:53 Min.
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
12/30/2003 - 0:41:53 Producer: Savona

AVC-2003-249-1/1 **Ring World**
The story of the international Cassini/Huygens mission to
Saturn and Titan. The narrated DVD uses animation to explain
the mission. Produced before the arrival to Saturn. Narrated
by John Billingsley.
Audience: Gen. Edu.
Client: Cassini/Huygens
Master: DVD
Audio 1: Mono mix 2: Mono mix

Produced for planetarium use
11/01/2003 - 0:30:20 Producer: Brian Sullivan

AVC-2004-001-1/1 **MER Science Program News Briefing, 8:30am, 01/02/04**
Science Panel:
Dr. Jim Garvin-Lead Scientist for Mars Exploration Rovers,
NASA Headquarters
Dr. Steve Squyres-Principal Investigator for Mars
Exploration Rovers, Cornell University
Dr. John Grant-Mission Science Team Member, Smithsonian
Institution
Dr. Joy Crisp-Project Scientist, NASA Jet Propulsion
Laboratory
Dr. Dan McCleese-Chief Scientist for Mars Exploration
Rovers, NASA Jet Propulsion Laboratory
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/02/2004 - 0:58:20 Producer: Savona

AVC-2004-002-1/1 **MER Mission News Briefing, 9:30am, 1/2/04**
Mission Panel:
Dr. Ed Weiler-Associate Administrator for Space Science/NASA
Headquarters Dr. Charles Elachi-NASA Jet Propulsion
Laboratory Director
Orlando Figueroa-Director, Mars Exploration Program/NASA
Headquarters
Dr. Firouz Naderi-Manager, Mars Exploration Program/NASA Jet
Propulsion Laboratory
Pete Theisinger-Project Manager, Mars Exploration Rover,
NASA Jet Propulsion Laboratory
57:57 Min. End of briefing
58:55 Min. Replay of supporting video
59:55 Min. Total Running Time
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/02/2004 - 0:59:55 Producer: Savona

AVC-2004-003-1/1 **Commentary Stardust Encounter, 11:00am, 1/02/04**
Moderator:
Jane Platt, Media Relations Representative, JPL
Interviews:
Tom Duxbury-Stardust Project Manager, NASA Jet Propulsion

Laboratory
Dr. Don Brownlee-Stardust Principal Investigator/University
of Washington-Seattle
Ed Hirst-Stardust Mission Planner/NASA Jet Propulsion
Laboratory
Dr. Peter Tsou-Stardust Deputy Principal Investigator/NASA
Jet Propulsion Laboratory
Dr. Martha Hanner-Stardust Co-Investigator/NASA Jet
Propulsion Laboratory
Dr. Shyam Bhaskaran-Stardust Navigation/Imaging Science/NASA
Jet Propulsion Laboratory,
Ray Newburn-Stardust Co-Imaging/NASA Jet Propulsion
Laboratory
Don Yeomans-Deep Impact Dynamics Modeling/NASA Jet
Propulsion Laboratory
Audience: Gen. News Site: JPL 230-MSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/02/2004 - 1:02:00 Producer: Savona

AVC-2004-004-1/1 **Missions Build Intrigue on Mars - Video File**
A series of animations showing flyovers of the Gusev Crater
landing site for the Mars Exploration Rover "Spirit" and
overviews of current and future Mars exploration plans.
Audience: News Resource
Client: Webster
Master: DVCPro25 Submaster: DVCPro25
Audio 1: MOS 2: MOS
01/02/2004 - 0:10:20 Producer: Kline

AVC-2004-005-1/1 **Stardust News Conference, 3:00pm, 1/2/04**
Panelists:
Orlando Figueroa-Director, NASA's Solar System Exploration
Division/NASA Headquarters
Tom Duxbury-Stardust Project Manager/NASA Jet Propulsion
Laboratory
Dr. Don Brownlee-Stardust Principal Investigator/University
of Washington-Seattle
Ray Newburn-Stardust Co-Investigator, Imaging/NASA Jet
Propulsion Laboratory
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/02/2004 - 1:07:19 Producer: Savona

AVC-2004-006-1/1 **MER "Spirit" Pre-Landing Status News Briefing, 12:00 noon, 01/03/04**

Panelists:

Peter Theisinger-Mars Exploration Rover Project Manager
Dr. Mark Adler-Deputy Mission Manager
Rob Manning-Mars Exploration Rover Project Entry, Descent & Landing Lead
Dr. Louis D'Amario-Mars Exploration Rover Navigation Team Chief
Jennifer Trosper-Spirit Mission Manager for Surface Operations

Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 1:03:00 Producer: Savona

AVC-2004-007-1/1 **MER "Spirit" Media Opportunity, 3:15pm, 01/03/04**

Panelists:

Dr. Ed Weiler-Associate Administrator for Space Science/NASA Headquarters
Dr. Charles Elachi-JPL Director
Mr. Orlando Figueroa-Director Mars Exploration Program/NASA Headquarters
Dr. Firouz Naderi-Manager Mars Exploration Program/JPL

Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 0:53:36 Producer: Semerano

AVC-2004-008-1/1 **MER "Spirit" Commentary-EDL, 6:45pm-9:00pm, 01/03/04**

Moderator:

Gay Yee Hill-Media Relations Representative

Interviews:

Wayne Lee-EDL Specialist/JPL
Rob Manning-EDL Manager/JPL
Steve Squares-Athena Principal Investigator/Cornell University
Pete Theisinger-Project Manager, MER/JPL
Chris Jones-Director of Planetary Flight Projects/JPL

Audience: News Resource Site: 264 CMSA Area
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2004 - 2:18:00 Producer: Savona

AVC-2004-009-1/1 **MER "Spirit" Post Landing Briefing, 9:30pm-10:30pm, 1/03/04**

Panelists:

Sean O'Keefe-Administrator/NASA Headquarters

Dr. Ed Weiler-Associate Administrator for Space Science/NASA Headquarters

Dr. Charles Elachi-Director/JPL

Pete Theisinger-Project Manager/JPL

Richard Cook-Deputy Project Manager/JPL

Rob Manning-Entry Descent & Landing Manager/JPL
(Landed & Got Tone!)

Audience: Tech. News Resource Site: JPL/von Kármán

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/03/2004 - 0:55:00 Producer: Semerano

AVC-2004-010-1/1 **MER "Spirit" Commentary, 11:00pm, 1/03/04**

Communications relay opportunity.

Moderator: Gay Yee Hill, Media Relations Representative

Interview: John Callas-Mars Exploration Rover Science
Manager

First images shown from the Spirit rover

Audience: Gen. News Resource Site: JPL 264-SMSA

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/03/2004 - 1:04:40 Producer: Savona

AVC-2004-011-1/1 **MER "Spirit" Landing News Briefing, 12:30am, 1/04/04**

Panelist:

Sean O'Keefe-Administrator/NASA Headquarters

Dr. Ed Weiler-Assoc. Administrator for Space Science/NASA
Headquarters

Dr. Charles Elachi-Director/JPL

Pete Theisinger-Project Manager/JPL

Jennifer Trosper-Spirit Mission Manager for Surface
Operations

Dr. Steve Squyres-Athena Principal Investigator/Cornell
University

First images shown from the Spirit rover.

Audience: News Resource Site: JPL/von Kármán

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/03/2004 - 0:49:30 Producer: Savona

AVC-2004-012-1/1 **MER "Spirit" News Briefing, 9:00am, 1/04/04**
Intro: Natalie Godwin, Media Relations Rep.
Panelists:
Jennifer Trospen-Mission Manager/JPL Matt Wallace-Deputy
Surface Development Manager/JPL
Dr. Steven Squyres-Principal Investigator/Cornell University
Brian Portock-Navigation Team/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:58:20 Producer: Savona

AVC-2004-013-1/1 **MER "Spirit" Commentary, 11:45am-12:15pm, 1/4/04**
Rover Communication Session
Moderator:
Gay Yee Hill- JPL Media Relations Representative
Interview:
Jan Ludwinski-Mars Exploration Rover Mission Team Planning
Chief/JPL
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:58:00 Producer: Savona

AVC-2004-014-1/1 **MER "Spirit" Commentary, 2:25pm, 1/04/04**
Rover Communication Session.
Moderator:
Gay Yee Hill-JPL Media Relations Representative
Interview:
Jan Ludwinski-MER Mission Team Planning Chief/JPL
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:34:00 Producer: Savona

AVC-2004-015-1/1 **MER "Spirit" Commentary, 7:00pm, 1/04/04**
Rover communication session.
Moderator: Gay Yee Hill-JPL Media Relations Representative
Interview: Dr. Mark Adler-Deputy Mission Manager/JPL
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
01/04/2004 - 1:00:00 Producer: Savona

AVC-2004-016-1/1 **MER "Spirit" News Briefing, 8:00pm, 1/4/04**
Mars "Dream Team"
Panelists:
Jason Willis-EDL Flight Director/JPL
Prasun Desai-EDL Trajectory Analyst/JPL
Miguel San Martin-Attitude Control Lead/JPL
Julie Townsend-Cruise Activity Lead/JPL
Wendy Calvin-Participating Scientist/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:56:29 Producer: Savona

AVC-2004-017-1/1 **Spirit HD Landing Compilation**
VTV-1002 Edited HDTV compilation of MER Spirit landing
Audience: Gen. Resource Site: JPL
Client: Baggett, Org. 1800
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:12:20 Producer: Beck

AVC-2004-018-1/1 **MER "Spirit" Commentary, 9:00pm, 1/04/04**
Moderator:
Gay Yee Hill- Media Relations Representative
Interview:
Dr. Mark Adler-Deputy Mission Manager/JPL
Audience: Gen. News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:58:42 Producer: Savona

AVC-2004-019-1/1 **MER "Spirit" News Briefing, 9:00am, 1/05/04**
Intro:
Veronica McGregor-Media Relations Rep.
Panelists:
Matt Wallace-Mission Manager/JPL
Dr. Steven Squyres-Principal Investigator
Art Thompson-Tactical Uplink Lead/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
01/05/2004 - 1:08:00 Producer: Savona

AVC-2004-020-1/1 **MER "Spirit" News Briefing, 9:00am, 1/6/04**
Panelists:
Dr. Firouz Naderi-Manager of Mars Exploration Program
Dr. Jim Bell-Payload Element Lead for the PanCam
Dr. Steve Squyres-Principal Investigator
Jennifer Trosper-Mission Manager for Surface Operations
Jessica Collisson-Flight Director
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/06/2004 - 1:08:00 Producer: Savona

AVC-2004-021-1/1 **Stardust Post-Encounter News Briefing, 1:00pm, 1/6/04**
Panelists:
Tom Duxbury-Stardust Project Manager
Dr. Don Brownlee-Stardust Principal Investigator
Dr. Thanasis (Tom) Economou-Stardust Dust Flux Monitor
Team/University of Chicago
Dr. Benton Clark-Chief Scientist for Solar Exploration,
Lockheed Martin Space Systems
Ray Newburn-Stardust Co-Investigator, Imaging
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/06/2004 - 1:00:00 Producer: Savona

AVC-2004-023-1/1 **MER "Spirit" News Briefing, 9:00am, 1/07/04**
Panelists:
Dr. Firouz Naderi-Manager, Mars Exploration Rover
Dr. Joy Crisp-Project Scientist for the Mission/JPL
Dr. Jim Bell-Payload Element Lead for the Pan Cam/ Cornell
University
Dr. Ray Arvidson-Deputy Principal Investigator/Washington
University
Arthur Amador-SOL 5 Mission Manager/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/07/2004 - 1:08:00 Producer: Savona

- AVC-2004-024-1/1 **MER "Spirit" News Briefing, 9:00am, 1/08/04**
 Panelists:
 Dr. Albert Haldemann-Deputy Project Scientist/JPL Dr. Jim Bell-Payload Element Lead for the Pan Cam/Cornell University
 Courtney Dressing-High school student from Virginia
 Rafael Morozowski-High school student from Brazil Matt Wallace-Sol 6 Mission Manager/JPL
 Henry Stone-Engineering Team Chief/JPL
 Audience: News Resource Site: JPL/von Kármán
 Client: Media Relations, Org. 1810
 Master: DVCPro25 Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 01/08/2004 - 1:06:30 Producer: Savona
- AVC-2004-025-1/1 **Red Rover Goes To Mars - Student Astronauts B-Roll Compilation**
 A brief compilation of b-roll of Student Astronauts Courtney Dressing and Rafael Morozowski working with the Spirit rover team.
 Audience: Edu. News Resource
 Client: Michelle Viotti
 Master: DVCProHD
 Audio 1: Mono mix 2: Mono mix
 01/08/2004 - 0:01:27 Producer: Scott Hulme
- AVC-2004-026-1/1 **MER "Spirit" News Briefing, 9:00am, 1/9/04**
 Panelists:
 Dr. Albert Haldemann-Deputy Proj. Scientist/JPL Dr. Phil Christensen-Payload Element Lead-Mini-Thermal Emission Spectrometer/Arizona State University
 Dr. Steve Squyres-Principal Investigator/Cornell University
 Pete Theisinger-MER Project Manager/JPL
 Matt Wallace-MER Mission Manager/JPL
 Audience: News Resource Site: JPL/von Kármán
 Client: Media Relations, Org. 1810
 Master: DVCPro25 Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 01/09/2004 - 1:11:00 Producer: Savona
- AVC-2004-027-1/1 **MER "Spirit" News Briefing, 9:00am, 1/10/04**
 Panelists:
 Jennifer Trosper - Mission Manager/JPL,
 Chris Voorhees - Mechanical Systems Engineer/JPL,
 Dr. Joy Crisp - Project Scientist/JPL,
 Dr. Matt Golombek - Science Team Member/JPL
 Dr. Mark Lemmon - Science Team Member/Texas A & M
 Audience: News Resource Site: JPL/von Kármán

Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/10/2004 - 1:04:51 Producer: Kline

AVC-2004-028-1/1 **MER "Spirit" News Briefing, 9:00am, 1/11/04**
Intro: Natalie Goodwin, Media Relations Rep.
Panelists:
Arthur Amador - SOL 5 Mission Manager/JPL
Dr. John Callas - Mars Exploration Rover Project Manager/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/11/2004 - 1:00:00 Producer: Savona

AVC-2004-029-1/1 **MER "Spirit" News Briefing, 9:00am, 1/12/04**
Intro:
Natalie Goodwin, Media Relations Rep.
Panelists:
Dr. Joy Crisp-Project Scientist for the Mission at JPL
Dr. Michael Malin-Science Team Member at Malin Space
Science Systems
Dr. John Grotzinger-Science Team Member/MIT
Arthur Amador-Mission Manager at JPL
Kevin Burke-Egress Mechanical Lead at JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/12/2004 - 0:55:00 Producer: Savona

AVC-2004-031-1/1 **MER "Spirit" News Briefing, 9:00am, 1/13/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelists:
Chris Lewicki-Flight Director/JPL
Joe Guinn-Navigation Team Member/JPL
Dr. Tim Parker-Science Team Member-Landing Site Mapping
Scientist/JPL
Dr. Steve Squyres-Principal Investigator/Cornell University
Rob Manning-Entry, Descent and Landing Development
Manager/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

01/13/2004 - 1:09:10 Producer: Savona

AVC-2004-032-1/1 **MER "Spirit" News Briefing, 9:00am, 1/14/04**
Intro: Natalie Goodwin, Media Relations Rep.
Panelists: Jennifer Trosper-Mission Manager/JPL
Kevin Burke-Egress Mechanical Lead/JPL
Dr. Justin Maki-Imaging Scientist/JPL
Dr. Albert Haldemann-Deputy Project Scientist/JPL
Dr. Ray Arvidson-Deputy Principal Investigator
Washington University in St. Louis
Dr. Micheal Smith-Science Team Member/NASA Goddard Space
Flight Center
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:50:42 Producer: Savona

AVC-2004-033-1/1 **President George W. Bush's Vision Announcement**
NASA Headquarters feed via LATOC
President George W. Bush offered his vision for America's
continued leadership in space exploration. The president was
joined by NASA Administrator Sean O'Keefe at NASA
Headquarters.
Audience: NASA News Resource Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:42:28 Producer: NASA HQ

AVC-2004-034-1/1 **Vice President Dick Cheney Visits JPL**
Vice President Dick Cheney addressed the Mars Exploration
Rover Project Team and the JPL community. NASA's Deputy
Administrator Fred Gregory and JPL's Director Dr. Charles
Elachi also addresses the JPL community.
Audience: JPL Resource Site: JPL Mall Area
Client: Media Relations, Org. 1810
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:00:00 Producer: Savona

AVC-2004-035-1/1 **Vice President Dick Cheney Visits JPL - Video File**
Vice President Dick Cheney addressed the Mars Exploration
Rover Project Team and the JPL community. NASA's Deputy
Administrator Fred Gregory and JPL's Director Dr. Charles
Elachi also addresses the JPL community.

Audience: News Resource Site: JPL Mall Area
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:12:42 Producer: Savona

AVC-2004-037-1/1 **MER "Spirit" Egress Commentary, 12:30am, 1/15/04**
Moderator: Gay Yee Hill-JPL Media Relations Rep.
Interview: Rob Manning-Mars Exploration Rover Project Entry,
Descent and Landing Lead/JPL
Audience: News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 1:31:00 Producer: Savona

AVC-2004-038-1/1 **MER "Spirit" News Briefing, 2:45am, 1/15/04**
Intro: Gay Yee Hill, Media Relations Rep.
Panelists: Dr. Charles Elachi-JPL Director
Pete Theisinger-Project Manager Exploration Rover/JPL
Jennifer Trosper-Mission Manager for Surface Operations/JPL
Kevin Burke-Lead Mechanical Engineer for Egress Chris
Lewicki-Flight Director/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 1:15:05 Producer: Savona

AVC-2004-039-1/1 **NASA Update with Sean O'Keefe**
NASA's Administrator Sean O'Keefe announced, "Now we have a
Rover", once the rover Spirit rolled onto the Mars
atmosphere this early morning. He discussed the Presidential
announcement and the implications of the Columbia Shuttle
disaster. He stated now we will step up to the challenges.
Audience: JPL NASA Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 1:30:50 Producer: HQ (Ziats)

AVC-2004-041-1/1 **MER "Spirit" News Briefing, 10:00am, 1/16/04**
Intro: Veronica McGregor-JPL Media Relations Rep.
Panelists:
Dr. Mark Adler-Mission Manager/JPL
Dr. Eric Baumgartner-Lead Engineer for Robotic Arm/JPL

Dr. Ken Herkenhoff-Science Lead for Microscopic Imager/U.S.
Geological Survey
Jessica Collisson-Flight Director-JPL
Dr. Rob Sullivan-Science Team Member/Cornell University
Dr. Joy Crisp-Project Scientist/JPL
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/16/2004 - 0:54:30 Producer: Savona

AVC-2004-042-1/1 **Landing Day Compilation - MER "Spirit"**
Edited footage of control room at JPL during MER "Spirit"
Landing Day. Includes footage of team when first images
returned.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/04/2004 - 0:09:48 Producer: Beck/Passaniti

AVC-2004-043-1/1 **MER Sol 2 Science Team Meeting Compilation**
Science Goals Assessment Team Meeting. Steve Squyres
presiding. MER Science Team discusses objectives for up
coming sols.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/06/2004 - 0:12:39 Producer: Passaniti

AVC-2004-044-1/1 **MER "Spirit" Stand Up Compilation**
MER Team reacts to confirmation of stand up deployment of
Spirit rover.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/10/2004 - 0:04:42 Producer: Beck

AVC-2004-045-1/1 **MER Egress Turn and Roll Test**
MER Egress Turn and Roll off test in ISIL in preparation for
Spirit actual roll off. Edited for TV.
Audience: Gen. Edu. News Site: JPL
Client: Gay Yee Hill, Org. 1810
Master: DVCProHD

Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:02:00 Producer: Passaniti

AVC-2004-046-1/1 **MER Egress Turn and Roll Compilation**
MER Egress Turn and Roll testing (three tests) for Spirit's upcoming roll off.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:11:05 Producer: Passaniti

AVC-2004-047-1/1 **Vice President Dick Cheney Visit to JPL Mall Presentation**
HD Compilation of Vice President Dick Cheney's visit to JPL. Speeches by General Tattini, NASA's Deputy Administrator Fred Gregory and JPL's Director Dr. Charles Elachi.
Audience: Edu. News Resource Site: JPL
Client: Michelle Viotti, Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/14/2004 - 0:13:54 Producer: Passaniti

AVC-2004-048-1/1 **Mars Exploration Rover: Launch through Exploration**
This is a combination of the actual launch of the "Spirit" Mars Exploration Rover and an animation of the rover's exploration of Mars. The rover in the animation moves much faster than the real rover did.
Audience: Gen. Resource
Client: Scholastic-Grolier
Master:
Audio 1: Mono mix 2: Mono mix
01/16/2004 - 0:09:09 Producer: Kline

AVC-2004-049-1/1 **MER "Spirit" News Briefing, 9:00am, 1/19/04**
Panelists:
Dr. Mark Adler-Mission Manager/JPL
Dr. Eddie Tunstel-Mission Manager/JPL
Dr. Dave Des Marais-Researcher/NASA's Ames Research Center
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/19/2004 - 0:43:30 Producer: Savona

AVC-2004-050-1/1 **Passport to Knowledge - "First Look" (MER)**
Houston-

Host: Bill Nye

Guests: Orlando Figueroa NASA HQ (Director of Solar System Exploration and "Mars Czar"), Carolyn Sumners, HMNS, Alisha Oakes, Maricela, Lori, etc., UHD

JPL-

Host: Stephenie Lievense

Guests, live and on tape: Steve Squyres, Cathy Weitz, Kobie Boykins, Zoe Learner, Wayne Lee or Rob Manning, TPS "Red Rover Goes to Mars" kids and ATHENA Student Interns involved in MER

Program Description:

PASSPORT TO KNOWLEDGE presented "FIRST LOOK", hosted by Bill Nye The Science Guy, an hour-long interactive program originating live from NASA's Jet Propulsion Laboratory in Pasadena, CA (home base for the rover mission), and from several action-packed locations in the Houston Museum of Natural Science in Houston. Premiering just a few days after "Spirit" began roving around the Red Planet, the program provided a literal "first look" at astonishing new vistas and science data "just in" from Mars. On camera at JPL commenting on the first new pictures and observations, lead Science Investigator, Steve Squyres, and Cathy Weitz, NASA's Mars Exploration Rover Program Scientist. Entry, Descent and Landing engineer, Adam Steltzner, provided a play-by-play of "Spirit's" exciting but risk-filled landing, and look ahead to "Opportunity's" arrival on January 24th. Mechanical engineer Kobie Boykins explained the challenges of deploying the solar panels and science instruments, and the difficult task of getting off the lander petals and safely onto the Martian surface. Science team member Zoe Learner described results from the first experiments using the cameras and the rover's sophisticated sensors. Stephenie Lievense hosts at JPL.

Audience: Gen. Edu.

Site: JPL & Houston

Client:

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

01/17/2004 - 0:58:00 Producer: Geoff Haines-Stiles

AVC-2004-051-1/1

MER "Spirit" News Briefing, 9:30am, 1/20/04

Intro: Natalie Goodwin-Media Relations Rep.

Panelists: Dr. Steve Squyres-Principal Investigator/Cornell
Dr. Goestar Klingelhofer-Payload Element Lead for
Moessbauer Spectrometer/University Mainz, Germany Dr.
Johannes Brueckner-Science Team/Max Planck Institute for
Chemistry/Germany

Jennifer Troster-Mission Manager/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/20/2004 - 0:37:30 Producer: Savona

AVC-2004-052-1/1 **MER "Spirit" News Briefing, 10:00am, 1/21/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Randel Lindemann-Mechanical Subsystem
Engineer/Jet Propulsion Laboratory
Jennifer Troster-Mars Exploration Rover Mission Manager/Jet
Propulsion Laboratory
Audience: News Resource Site: JPL/von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/21/2004 - 0:57:10 Producer: Savona

AVC-2004-054-1/1 **January 3, 2004 -- MER "Spirit" Landing Day (HDTV)**
Fast-paced story of the Mars Exploration Rover "Spirit"
landing on Mars including signal confirmation and first
images. Uses animation and footage of the excited team
members in the Mission Support Areas.
Audience: Gen. Edu. Resource Site: JPL & animation
Client: Baggett, Org. 1800
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/14/1904 - 0:03:44 Producer: Beck/Baggett

AVC-2004-056-1/1 **MER "Spirit" News Briefing, 9:00am, 1/22/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Pete Theisinger-Mars Exploration Rover Project
Manager/Jet Propulsion Laboratory and Richard Cook-Mars
Exploration Rover Deputy Project Manager Jet Propulsion
Laboratory
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/22/2004 - 0:26:30 Producer: Savona

AVC-2004-057-1/1 **Shuttle Radar Topography Mission (SRTM) Maps Eurasia - Video File**
NASA and the Nat'l Geospatial-Intelligence Agency have
released a new digital data set of most of Europe and Asia,
plus numerous islands in the Indian and Pacific Oceans,

created by the Shuttle Radar Topography Mission (SRTM).
Interview with Dr. Robert Crippen follows animation &
b-roll.

Audience: News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/22/2004 - 0:14:47 Producer: Savona

AVC-2004-058-1/1 **MER "Spirit" Roll Off Lander Sol 12**
HDTV compilation of "Spirit" egress off of lander onto dirt.
MER team reaction to commands being sent and first images
returned to MSA.
Audience: Resource Site: JPL
Client: , Org. 1861
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 0:06:02 Producer: Rino Passaniti

AVC-2004-059-1/1 **Hematite Animation of Meridiani**
Animated flyover of the Meridiani landing site for the Mars
Exploration Rover "Opportunity" uses color to highlight the
locations of minerals, including hematite.
Audience: Resource
Client: G. Webster
Master: DVCPro25 Submaster: BCAMsp
Audio 1: MOS 2: MOS
01/22/2004 - 0:01:02 Producer: Kline/Noss

AVC-2004-060-1/1 **Imagery from Spirit Rover - Video File**
Three animated pans and a series of still images, including
a 3-D anaglyph, made from data supplied by the Mars
Exploration Rover "Spirit" during the early part of its
mission on the Martian surface.
Audience: News Resource
Client: G. Webster
Master: DVCPro25 Submaster: BCAMsp
Audio 1: MOS 2: MOS
01/22/2004 - 0:10:20 Producer: Kline/DIAL

AVC-2004-061-1/1 **MER "Opportunity" News Briefing, 9:00am, 1/23/04,**
Intro: Natalie Goodwin, Media Relations Rep.
Panelists: Dr. Jim Garvin-Lead Scientist for Mars
Exploration/NASA Headquarters
Dr. Joy Crisp-Project Scientist/Jet Propulsion Laboratory
Dr. Ray Arvidson-Deputy Principal Investigator/Washington

University, St. Louis
Audience: News Resource Site: JPL von Karma
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/23/2004 - 0:48:00 Producer: Savona

AVC-2004-062-1/1 **MER "Spirit" News Briefing, 10:00am, 1/23/04**

Intro: Veronica McGregor, Media Relations Rep.
Panelist:
Pete Theisinger-Project Manager
Wayne Lee-Chief Engineer for Entry, Descent and Landing
Miguel San Martin-Guidance & Control Chief for Entry Descent
and Landing
Dr. Adam Steltzner-Mechanical Systems Lead for Entry Descent
and Landing
Dr. Mike Malin-Principal Investigator for MGS Orbital
Camera/Science Team Member for MER Mission.
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/23/2004 - 1:00:30 Producer: Savona

AVC-2004-063-1/1 **Opportunity Landing Day Comp Reel**

Contains:
Spirit Launch into Maas Animation 8:12;
Spirit Landing Day 3:44;
Spirit Roll Off Day 6:00;
Sol 10 Panorama 2:20;
Sol 16 Sunday Drive 00:12;
Sol 13 Robot Arm Stretch 00:23;
Sol 16 Adirondack Rock 1:03;
Sol 18 Empty Nest 2:28
Audience: Resource Site: JPL
Client: V McGregor, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:26:22 Producer: Passaniti

AVC-2004-064-1/1 **MER "Opportunity" Landing Update, 12:00 noon, 1/24/04**

Panelists:
Pete Theisinger - Project Manager/JPL
Jim Erickson - Opportunity Mission Manger/JPL
Dr. Louis D'Amario - Navigation Team Manager/JPL
Nagin Cox - Deputy Engineering Team Chief/JPL

Rob Manning - Entry, Descent & Landing Manager/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 1:01:00 Producer: Savona

AVC-2004-065-1/1 **MER "Opportunity" Fireside Chat, 2:00pm, 1/24/04**

Panelists:

Dr. Ed Weiler-Associate Administrator for Space Science/NASA
Headquarters

Dr. Charles Elachi-JPL Director

Orlando Figueroa-Director Mars Exploration Rover
Program/NASA Headquarters

Firouz Naderi-Mars Exploration Rover Manager/Jet Propulsion
Laboratory

Audience: News Resource Site: JPL von Kármán

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/24/2004 - 0:56:30 Producer: Savona

AVC-2004-066-1/1 **MER "Opportunity" O'Keefe Mars Chat, 4:00pm, 1/24/2004**

Intro: Don Salvage/NASA Headquarters Public Affairs

Panelist: Sean O'Keefe-Administrator/NASA Headquarter

Dr. Charles Elachi-Jet Propulsion Laboratory Director

Dr. Ed Weiler-Associate Administrator of Space Sciences/NASA
Headquarters

Audience: News Resource Site: JPL von Kármán

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/24/2004 - 1:02:00 Producer: Savona

AVC-2004-067-1/1 **MER "Opportunity" Commentary, 7:30pm, 1/24/04**

Moderators:

Gay Yee Hill-Media Relations Rep. and Chris Jones-Director
for Planetary Flight Projects

Interviews: Dr. Firouz Naderi-Manager of MER Program/JPL

Pete Theisinger-Project Manager/JPL

Rob Manning-Entry, Descent and Landing Manager/JPL

Dr. Joy Crisp-Project Scientist/JPL

Audience: News Resource Site: BLDG. 230

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/24/2004 - 2:13:00 Producer: Savona

AVC-2004-068-1/1 **MER "Opportunity" Post Landing News Briefing, 10:30pm, 1/24/04**

Intro: Veronica McGregor, Media Relations Rep.

Panelists: Sean O'Keefe-Administrator/NASA Headquarters

Dr. Ed Weiler-Associate Administrator of Space Sciences/NASA Headquarters

Dr. Charles Elachi-Director of JPL

Pete Theisinger-Project Manager

Richard Cook-Deputy Project Manager/JPL

Rob Manning-Entry, Descent and Landing Manager

Audience: News Resource Site: von Kármán Aud.

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/24/2004 - 0:58:40 Producer: Savona

AVC-2004-069-1/1 **MER "Opportunity" Commentary, 12:45am, 1/25/04**

First Images

Moderator: Gay Yee Hill, Media Relations Representative

Interviews: Dr. John Callas-Mars Exploration Rover Science Manager/Jet Propulsion Laboratory

Audience: News Resource Site: JPL 264-SMSA

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/25/2004 - 0:48:00 Producer: Savona

AVC-2004-070-1/1 **MER "Opportunity" First Pictures News Briefing, 2:00am, 1/25/04**

Intro: Veronica McGregor-Media Relations Rep.

Panelists: Dr. Charles Elachi- Director of JPL

Pete Theisinger- Project Manager/JPL

Richard Cook- Deputy Project Manager/JPL

Matt Wallace- Flight Systems Project Manager/JPL

Dr. Steve Squyres- Principal Investigator/Cornell University

Dr. Larry Soderblom- Athena Team Member/United States Geological Survey

Audience: News Resource Site: JPL/von Kármán

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/25/2004 - 0:44:00 Producer: Savona

AVC-2004-071-1/1 **MER Opportunity Commentary, 11:30am, 1/25/04**

Moderator: Gay Yee Hill, Media Relations Representative

Interview: Jan Ludwinski-Mars Exploration Rover Mission

Planning Chief/Jet Propulsion Laboratory
Audience: News Resource Site: JPL 264-SMSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/25/2004 - 1:05:30 Producer: Savona

AVC-2004-072-1/1 **MER Opportunity & Spirit News Briefing, 1:00pm, 1/25/04**
Intro: Natalie Goodwin-Media Relations Representative
Panelists: Pete Theisinger-Mars Exploration Rover Project
Manager/Jet Propulsion Laboratory
Arthur Amador-Mission Manager/Jet Propulsion Laboratory
Dr. Steve Squyres-Principal Investigator/Cornell University
Dr. Doug Ming-Science Team Member/NASA Johnson Space Center
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/25/2004 - 0:59:50 Producer: Savona

AVC-2004-073-1/1 **MER "Opportunity" News Briefing, 9:00am, 1/26/04**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Dr. Steve Squyres-Principal Investigator/Cornell
University
Dr. Jim Bell-Panoramic Camera Team Lead/Cornell University
Jennifer Trospen-Mission Manager/JPL
Jim Erickson-Mission Manager/JPL
SET
Jackie Lyra-Activity Lead/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/26/2004 - 1:00:20 Producer: Savona

AVC-2004-074-1/1 **"Opportunity" Landing Night Highlights**
VTV-1008 Excerpts from NASA TV coverage of the enter,
descent and landing of the Mars Exploration Rover
"Opportunity." Mix of HD and SDTV.
Audience: News Resource Site: JPL 230 CSMA
Client: Media Relations
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:07:45 Producer: Beck

AVC-2004-075-1/1 **Roll-ins for Commentary during EDL of MER "Opportunity"**

Pancam pan of landing site; EDL section of Maas anim.;
"Spirit" parachute anim. based on data; Meridiani hematite
flyover; old Odyssey anim.; airbag deflation test (testbed);
various stills & sequences from Spirit images; rock
"Adirondack" in 3-D; pan of Lander after Spirit had left it.
Audience: Resource
Client: JPL
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:12:37 Producer: Savona

AVC-2004-076-1/1 **Mars Exploration Rover Briefing, 9:00am, 1/27/04**
Intro: Veronica McGregor-Media Relations Rep.
Panelists: Dr. Steve Squyres-Principal Investigator/Cornell
University, Dr. Andrew Knoll-Science Team Member/Harvard
University, Jim Erickson-Mission Manager/Jet Propulsion
Laboratory, Jennifer Trosper-Mission Manager/Jet Propulsion
Laboratory
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/27/2004 - 1:04:00 Producer: Savona

AVC-2004-077-1/1 **Rover Navigation 101 - Web Production**
Animation that describes the autonomous navigation system
done by the Mars Exploration Rovers for their treks on Mars.
Animation Jack Morrison Principle Investigator Mark Maimone
Audience: Gen. Edu. Resource
Client: Viotti
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/27/2004 - 0:05:00 Producer: Passaniti

AVC-2004-078-1/1 **Mars Exploration Rover Briefing, 9:00am, 1/28/04**
Intro: Natalie Goodwin, Media Relations Rep.
Panelists: Dr. Rick Welch-Activity Lead/Jet Propulsion
Laboratory
Dr. Matt Golombek-Science Team Member/Jet Propulsion
Laboratory
Dr. Jim Bell-Lead Scientist for the Pan Cam/Cornell
University
Jennifer Trosper-Mission Manager/Jet Propulsion Laboratory
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
01/28/2004 - 0:59:00 Producer: Savona

AVC-2004-079-1/1 **Columbia Memorial Ceremony**
Audience: NASA Site: NASA-TV
Client:
Master:
Audio 1: Mono mix 2: Mono mix
01/29/2004 - 1:00:00 Producer: NASA-TV

AVC-2004-080-1/1 **Army 2nd Lt. Todd J. Bryant Memorial Flag Ceremony**
Mr. & Mrs. Larry Bryant present to JPL the flag flown above the U.S. Capitol the day their son Todd, killed during Operation Iraqi Freedom, was laid to rest. The flag was hung in the Mission Support Area for the landing of the Opportunity rover on Mars. Excerpts of landing also included.
Audience: News Resource Site: JPL
Client: Bryant
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:07:03 Producer: Hulme

AVC-2004-082-1/1 **Mars Exploration Rover Briefing, 9:00am, 1/30/04**
Panelists: Dr. Mark Adler, Mission Manager/JPL
Daniel Limonadi, Rover Systems Engineer/JPL
Dr. Ron Li, Science Team Member, Ohio State Univ.
Dr. Ray Arvidson, Deputy Principal Investigator, Washington Univ. in St. Louis
Dr. Bodo Bernhardt, Science Team Member, Univ. of Mainz, Germany
Dr. Dick Morris, Science Team Member, NASA Johnson Space Center
Audience: News Resource Site: vK Aud. / JPL
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/30/2004 - 0:45:35 Producer: Savona

AVC-2004-083-1/1 **Mars Student Imaging Project - Video File**
Compilation of footage of students working on the Mars Student Imaging Project, a NASA education program that allows students to take their own picture of Mars.
Audience: News Resource
Client: Media Relations
Master: DVCPro25

Audio 1: Mono mix 2: Mono mix
01/30/2004 - 0:08:00 Producer: Hulme

AVC-2004-084-1/1 **Mars Exploration Rover Opportunity Egress - Video File**

Pan of landing site. Images made immediately after egress.
Go/no-go poll. Uplinking the command to egress. First
images.

Audience: News Resource

Client: Webster

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/31/2004 - 0:07:59 Producer: Kline

AVC-2004-086-1/1 **Mars Exploration Rover News Briefing, 4:00am, 1/31/04**

Panelists: Matt Wallace, Mission Manager/JPL

Joel Krajewski, Chief Engineer, Impact to Egress/JPL

Kevin Burke, Lead Mechanical Engineer for Egress/JPL

Chris Lewicki, Flight Director/JPL

Chris Salvo, Flight Director, Dr. Phil Christensen, Lead
Scientist for Mini-TES/JPL

Audience: News Resource

Site: von Kármán Aud.

Client: , Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/31/2004 - 0:40:25 Producer: Savona

AVC-2004-087-1/1 **Mars Exploration Rover Press Briefing, 9:00am, 2/02/04**

Panelists:

Dr. Jeff Johnson, Science Team Member/

U.S. Geological Survey - Flagstaff

Joe Melko, Systems Engineer For Robotic Arm/JPL

Jennifer Troster, Mission Manger/JPL

Audience: News Resource

Site: vK Aud. / JPL

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/02/2204 - 0:36:20 Producer: Savona

AVC-2004-088-1/1 **Opportunity Science Assessment Meeting, Sol 2**

Edited raw footage compilation of the Mars Exploration Rover
Science Team members discussing plans for Opportunity at its
landing site, Meridiani Planum. Compiled from HD source
material.

Audience: Resource

Site: JPL

Client: Michelle Viotti

Master: DVCProHD

Audio 1: Mono mix 2: Mono mix
01/26/2004 - 0:19:57 Producer: Hulme

- AVC-2004-089-1/1 **NASA Administrator O'Keefe on NASA Budget**
NASA Admin. Sean O'Keefe gives an overview of the new NASA budget
Audience: JPL NASA
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/03/2004 - 1:29:00 Producer: NASA TV
- AVC-2004-091-1/2 **Egress Commentary for "Opportunity", 12:00-3am, 1-31-04**
Moderator: Gay Yee Hill, Media Relations Representative
Interview: Jim Erickson, Mars Exploration Rover Mission Manager/Jet Propulsion Laboratory
Audience: News Resource Site: JPL
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/31/2004 - 3:06:00 Producer: Savona
- AVC-2004-091-2/2 **Egress Commentary for "Opportunity", 3:06-3:22am, 1-31-04**
Part 2 of 2
Audience: News Resource Site: JPL
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/31/2004 - 0:21:06 Producer: Savona
- AVC-2004-092-1/1 **Mars Exploration Rover Project News Briefing, 10:00am, 2/04/04**
Panelists: Dr. Steve Squyres-Principal Investigator/Cornell
Dr. Ken Herkenhoff-Lead Scientist for Microscopic Imager/Flagstaff
Dr. Hap McSween-Science Team Member/Univ. of Tennessee
Dr. Franz Renz-Science Team Member/University of Mainz
Dr. Mark Adler-Spirit Dep. Mgr/JPL
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/04/2004 - 0:49:20 Producer: Savona
- AVC-2004-093-1/1 **Mars Exploration Rover News Briefing, 10:00am, 2/6/04**
Moderator: Natalie Godwin, Media Relations Rep.
Panelists: Jennifer Trosper-Spirit Mission Manager/JPL

Glenn Reeves-Flight Software Architect/JPL
Stephen Gorevan-Payload Element Lead for Rock Abrasion
Tool/Honeybee Robotics, New York
Dr. Ken Herkenhoff-Lead Scientist for Microscopic
Imager/U.S. Geological Survey, Flagstaff
Matt Wallace-Opportunity Mission Manager/JPL
Audience: News Resource Site: JPL von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/06/2004 - 0:43:00 Producer: Savona

AVC-2004-094-1/1 **Mars Exploration Rover EDL Team Celebrates at News Conference**

Members of the Mars Exploration Rover Entry, Descent &
Landing team celebrate at the post-landing press conference
for Opportunity.

Audience: News Resource
Client: Michelle Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/24/2004 - 0:03:25 Producer: Beck

AVC-2004-095-1/1 **Mars Exploration Rover Project News Briefing, 9:00am, 2/9/04**

Intro: Natalie Goodwin, Media Relations Rep.
Panelist: Tim McElrath-Deputy Chief, Navigation Team/JPL
Dr. Andrew Johnson-Descent Image Motion Estimation System
Engineer/JPL
Dr. Tim Parker-Science Team Member/JPL
Dr. Michael Malin-Science Team Member/Malin Space Science
Systems
Dr. Steve Squyres-Principal Investigator/Cornell University
Dr. Mark Maimone-Mobility Software Engineer/JPL

Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/09/2004 - 0:45:30 Producer: Savona

AVC-2004-096-1/1 **Overview Compilation of Spirit & Opportunity to Date**

Made for NASA's Italian office. [1] Animation, [2] Spirit's
location ID'd, [3] 360-degree pan, [4] Opportunity's
location ID'd, [5] Pan of Opportunity's empty lander, [6]
Edited version of EDL (Entry, Descent, Landing) including
mission control scenes.

Audience: Resource
Client: NASA

Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/10/2004 - 0:26:21 Producer: Kline

AVC-2004-097-1/1 **Opportunity 1st Image Return Compilation**
Compiled from HD. Mars Exploration Rover Team reacts to the
1st images sent back from the Opportunity rover.
Audience: News Resource Site: JPL
Client: M. Viotti, Org. 1861
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/25/2004 - 0:08:12 Producer: R. Passaniti

AVC-2004-098-1/1 **Spirit Sol 30 Operations - Brush attempt on Adirondack & IDD fault**
Edited raw footage compilation. Spirit team members send
commands for the rover to exercise its Instrument Deployment
Device, but find that a Sun-finding fault hinders the
rover's progress. Audio channels 1 & 2: VOCA net & Camera
mike.
Audience: Resource Site: JPL
Client: Michelle Viotti
Master: DVCProHD
Audio 1: VOCA net 2: Camera mic
02/02/2004 - 0:12:08 Producer: Hulme

AVC-2004-099-1/1 **Opportunity Sol 12 Operations - IDD stow & drive toward outcrop**
Edited raw footage compilation. Opportunity team members
send commands for the rover to stow its Instrument
Deployment Device and drive toward the nearby rock outcrop.
Audio channels 1 & 2: VOCA net & Camera mic.
Audience: Resource Site: JPL
Client: Michelle Viotti
Master: DVCProHD
Audio 1: VOCA net 2: Camera mic
02/05/2004 - 0:13:45 Producer: Hulme

AVC-2004-100-1/1 **Mars Exploration Rover News Briefing 2/12/04**
Panelists: Art Thompson/ Tactical Uplink Lead, Dr. Mark
Lemmon/Science Team Member, Dr. Don Banfield/Science Team
Collaborator, Sheri Klug/Pre-College Mars Educ., Dr. Wendy
Calvin/Science Team Member, Shannon Thiessen/High School
Student
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

02/12/2004 - 1:00:00 Producer: Savona

AVC-2004-101-1/1 **Spitzer Space Telescope Sends a Valentine - Video File**
NASA's Spitzer Space Telescope captures an image showing a cluster of newborn stars shaped like a shimmering pink rosebud. This rose-like nebula called "NGC 7129" is located 3,330 light years away in the constellation Cepheus.
Audience: News Resource Site: JPL
Client: Gay Yee Hill
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
02/11/2004 - 0:00:40 Producer: Semerano

AVC-2004-102-1/1 **PlanetQuest - The Search for Another Earth**
Dr. Geoff Marcy is featured in a production highlighting the continuing discovery of planets around other stars.
Audience: Gen. Edu. Site: JPL
Client: Michael Greene
Master: DVCPRO50
Audio 1: Stereo 2: Stereo
02/12/2004 - 0:02:58 Producer: Semerano

AVC-2004-103-1/1 **Mars Exploration Rover Wheel Trenching Activity**
Engineers rehearse wheel trenching with an engineering model of the Mars Exploration Rovers on a makeshift slope outside JPL's In-Situ Instrument Laboratory.
Audience: Gen. Edu. Resource Site: JPL
Client: Michelle Viotti
Master: DVCPROHD
Audio 1: Mono mix 2: Mono mix
02/06/2004 - 0:19:00 Producer: Hulme

AVC-2004-104-1/1 **A Renewed Spirit of Discovery**
President George W. Bush unveils his vision for America's future in space. In this edited highlight video, supported by animation, he briefly describes the future of the Space Station and the Space Shuttle. Describes new missions to the Moon, Mars and beyond.
Audience: Gen. Resource Site: NASA HQ
Client:
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
02/13/2004 - 0:04:25 Producer: NASA HQ

AVC-2004-105-1/1 **Mars Exploration Rover Project News Briefing**
Intro: Veronica McGregor, Media Relations Rep.

Panelists: Richard Cook-Deputy Project Manager/JPL
Peter Theisinger-Project Manager/JPL
Dr. Ray Arvidson-Deputy Project Manager/Washington
University in St. Louis
Jeffrey Biesiadecki-Rover Planner/JPL
Dr. Rob Sullivan-Science Team Member/Cornell University
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/17/2004 - 0:46:00 Producer: Savona

AVC-2004-106-1/1 **African American History Month - Video File**
JPL honors the extraordinary accomplishments of African
American scientists and engineers
Audience: News Resource
Client: Natalie Godwin
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/17/2004 - 0:18:27 Producer: Hardine/Ford

AVC-2004-108-1/1 **Two Landings - Spirit and Opportunity**
Mars Exploration Rover team members celebrate the landings
and first image returns from Spirit and Opportunity.
Audience: Gen. Edu. Resource Site: JPL
Client: Dr. Charles Elachi, Org. 1000
Master: DVCProHD Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/18/2004 - 0:04:38 Producer: John Beck

AVC-2004-109-1/1 **Mars Exploration Rover Project News Briefing**
Intro: Veronica McGregor, Media Relations Rep.
Panelists: Andrea Barbieri-Telecom System Engineer/JPL
Dr. Steve Squyres-Principal Investigator/Cornell University
Dr. Eric Baumgartner-Lead Engineer for Robotic Arm/JPL
Dr. Albert Yen-Science Team Member/JPL
Dr. Dave Des Marais-Science Team Member NASA Ames Research
Center
Audience: News Resource Site: JPL TV Studio
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/19/2004 - 0:54:00 Producer: Savona

AVC-2004-111-1/1 **NASA First Person - Dr. Eddie Tunstel - A Web Production**
JPL employee, Dr. Eddie Tunstel, explains his work on the

Mars Exploration Rover Project. Produced for the Daily Planet and the JPL home page.

Audience: Gen. Edu. Resource Site: JPL

Client: Angela McGahan

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

Produced for the Web.

02/20/2004 - 0:03:44 Producer: Gary Savona

AVC-2004-113-1/1
VTV-1006

von Kármán Lecture Series- Artificial Life: Life NOT As We Know It

Dr. Chris Adami, Principal Scientist in JPL's Quantum Computing Technologies Group. He discussed finding life, biomarkers and how to create artificial life within computer programs.

Audience: Gen. Site: von Kármán Aud

Client: PSO, Org. 1840

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/20/2004 - 1:20:37 Producer: Reggie Hardine

AVC-2004-114-1/1

Mars Exploration Rover Driving Software - Video File

Rover drivers use 3D software to plan out mobility and instrument activities for Spirit and Opportunity.

Audience: News Resource Site: JPL

Client: Michelle Viotti

Master: DVCProHD

Audio 1: Mono mix 2: Mono mix

02/13/2004 - 0:06:00 Producer: Scott Hulme

AVC-2004-116-1/1

Mars Exploration Rover News Briefing 2-26-04

Introduction: Natalie Godwin

Panelists: Jennifer Trosper, Dr. Ray Arvidson, Dr. Jim Bell, and Shane Thompson.

Audience: News Resource Site: vK Studio

Client: Media Relations

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/26/2004 - 0:57:50 Producer: Savona

AVC-2004-118-1/1

Women Working on Mars - Part II

Women scientists and engineers working on the Mars Exploration Rover Mission discuss their roles on the mission, and their experiences as women in a mostly male environment. This talk-show formatted production includes questions from the live and interactive audiences. Panelist include Shante Wright, Julie Townsend, Elaina McCatney and

Zoe Learner.
Audience: Edu. JPL Site: von Kármán Aud
Client: Stephanie Lievense
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/26/2004 - 0:55:00 Producer: Kline

AVC-2004-121-1/1 **Water on Mars Press Conference, 11:00am**
Significant findings from NASA's Mars Exploration Rover Opportunity, now exploring Meridiani Planum on Mars were discussed.
Participants:
* Dr. Ed Weiler, associate administrator, Office of Space Science at NASA Headquarters
* Dr. Steve Squyres, Mars Exploration Rover Principal Investigator, Cornell University, Ithaca, N.Y.
* Dr. John Grotzinger, Mars Exploration Rover science team geologist, Massachusetts Institute of Technology, Cambridge, Mass.
* Dr. Benton C. Clark III, Mars Exploration Rover science team member and chief scientist of space exploration at Lockheed Martin Space Systems Astronautics Operations, Denver
* Dr. Joy Crisp, Mars Exploration Rover Project Scientist, NASA's Jet Propulsion Laboratory, Pasadena, Calif.
* Dr. Jim Garvin, lead scientist for Mars and the Moon, NASA Headquarters, Washington
Audience: News Resource Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/02/2004 - 1:23:00 Producer: HQ (Borst)

AVC-2004-122-1/1 **Spitzer Space Telescope Captures Reality of Life in Universe**
NASA'S Spitzer Space Telescope's infrared detectors pierce through dust and gas to reveal a striking nebula, Henize 206, which houses a nursery of infant stars that were conceived when a massive star exploded millions of years ago. Two animations.
Audience: Resource
Client: Hill
Master: DVCPro25
Audio 1: MOS 2: MOS
03/04/2004 - 0:01:38 Producer: Kline

AVC-2004-124-1/1 **Mars Exploration Rover News Briefing 3/5/04**

Intro: Natalie Godwin
Panelists: Matt Wallace, Opportunity Mission Manager; Dr. Ray Arvidson, Deputy Principal Investigator; Stephen Gorevan, Lead Scientist for Rock Abrasion Tool; Dr. Jim Bell, Lead Scientist for PanCam; and Dr. Morten Madsen, Science Team Member.

Audience: News Resource Site: 186-Studio

Client: Media Relations

Master:

Audio 1: Mono mix 2: Mono mix

03/05/2004 - 0:59:36 Producer: Savona

AVC-2004-125-1/1

Spirit's Trek to Bonneville

Spirit team members Art Thompson and Diana Blaney describe the rover's journey to Bonneville Crater.

Audience: Gen. JPL Resource Site: JPL

Client: Michelle Viotti

Master: DVCProHD

Audio 1: Mono mix 2: Mono mix

03/08/2004 - 0:02:55 Producer: Scott Hulme

AVC-2004-126-1/1

NASA Day - Office of Exploration Systems

VTV-1013

Adm. Craig E. Steidle, Associate Administrator for the new Office of Exploration Systems (Code T), gave NASA employees an overview of the new enterprise office.

Audience: NASA Site: NASA

Client: Blaine Baggett, Org. 1800

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

03/02/2004 - 2:05:00 Producer: NASA HQ

AVC-2004-127-1/1

MER "Spirit's" First Long Drive

Mars Exploration Rover team members try to predict and react to the Spirit Rover's first major attempt to autonomously drive for a distance of over 30 meters. Compiled from HD source material.

Audience: News Resource Site: JPL

Client: M Viotti, Org. 1861

Master: DVCProHD Submaster: DVCProHD

Audio 1: Mono mix 2: Mono mix

02/09/2004 - 0:11:28 Producer: R Passaniti

AVC-2004-128-1/1

NASA Mars Exploration Rover Project News Briefing, 10:00am

Intro: Veronica McGregor, Media News Chief

Panelists:

* Jennifer Trosper-Spirit Mission Manager, JPL

* Dr. Chris Leger-Rover Driver, JPL
* Dr. Matt Golombeck-Science Team Member, JPL
* Dr. Mark Lemmon-Science Team Member/Texas A&M University
* Dr. Phil Christensen-Lead Scientist, Miniature Thermal
Emission Spectrometer, Arizona State University
* Dr. Michael Wolff-Science Team Member/Space Science
Institute
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/11/2004 - 1:05:00 Producer: Savona

AVC-2004-129-1/1 **NASA Mars Exploration Rover Project News Briefing, 10:00am**
Intro: Veronica McGregor, Media News Chief
Panelists:
* Jennifer Trosper, Spirit Mission Manager, JPL
* Dr. Chris Leger, Rover Driver, JPL
* Dr. Matt Golombeck, Science Team Member, JPL
* Dr. Mark Lemmon, Science Team Member, Texas A&M University
* Dr. Phil Christensen, Lead Scientist, Miniature Thermal
Emission Spectrometer, Arizona State University
* Dr. Michael Wolff, Science Team Member, Space Science
Institute
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/11/2004 - 0:57:43 Producer: Savona

AVC-2004-130-1/1 **NASA Mars Exploration Rover Project News Briefing, 10:00am**
Intro: Veronica McGregor, Media Relations News Chief
Panelists:
* Dr. Mark Adler, Mission Manager, JPL
* Dr. John Grant, Science Team Member, National Air and
Space Museum
* Dr. Albert Haldemann, Deputy Project Scientist, JPL
* Dr. Andrew Knoll, Science Team Member, Harvard University
* Bethany Ehlmann, Science Team Collaborator, Washington
University, St. Louis
* Daniel Rodionov, Science Team Collaborator, University of
Mainz, Germany
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

03/18/2004 - 1:09:20 Producer: Savona

AVC-2004-132-1/1 **Mysterious, Faraway Solar System Discovery - "Sedna" Video File**

NASA announces the first discovery of a mysterious object in the most distant region of the solar system. The object, unofficially dubbed "Sedna," is three times farther from Earth than Pluto. It may be the first proof of evidence of the Oort Cloud.

Audience: News Resource

Client: Gay Hill

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

03/12/2004 - 0:06:50 Producer: Kline

AVC-2004-133-1/1 **von Kármán Lec.: Return to Sender: The Stardust Sample Return Mission**

VTV-1011 Presented by: Tom Duxbury, Stardust Project Manager

Audience: Gen. Site: JPL TV Studio

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

03/18/2004 - 1:18:00 Producer: Savona

AVC-2004-135-1/1 **MER Summer 2002 Update**

Edited feature showing Mars Exploration Rover assembly, parachute tests, backshell rocket tests, vibration tests and an interview with Project Manager Pete Theisinger.

Audience: Gen. News Resource

Client: Michelle Viotti

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/06/2002 - 0:04:19 Producer: Beck

AVC-2004-136-1/1 **MER Entry, Descent & Landing Testing Highlights**

Brief highlights of testing the Mars Exploration Rover Entry, Descent & Landing system hardware.

Version 1 - 00:01:20 - Parachute/Backshell/Airbags

Version 2 - 00:01:00 - Parachute/Airbags

Audience: Tech. Resource

Client: Rob Manning

Master: DVCProHD

Audio 1: Mono mix 2: Mono mix

05/20/2003 - 0:02:20 Producer: Hulme

AVC-2004-137-1/1 **Opportunity Egress Practice in ISIL**

MER Egress test in JPL's In-Situ Instrument Laboratory in preparation for actual Opportunity egress. Edited for NASA TV.

Audience: Resource Site: JPL

Client: Gay Yee Hill

Master: DVCProHD

Audio 1: Mono mix 2: Mono mix

01/31/2004 - 0:01:40 Producer: Passaniti

AVC-2004-140-1/1

Dr. William H. Pickering Memorial Service

Invocation: Rev. James A. Milley, La Canada Presbyterian Church

Vocalist: Khorshed Dastoor

Pianist: Kosta Popovic

Speakers:

The Honorable Darryl Dunn, Consul General, New Zealand;

Dr. Charles Elachi, Director, JPL;

Lt. General Charles H. Terhune, U.S.A.F (ret.), former

Deputy Director, JPL;

Dr. Eberhardt Rechtin, Chief Architect, Deep Space Network, JPL;

Dr. Thomas E. Everhart, President Emeritus, California Institute of Technology

Benediction: Rev. Dr. Gloryanna Terhune

Audience: JPL Site: Beckman C.I.T.

Client: , Org. 1820

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

03/20/2004 - 1:45:00 Producer: Bridges

AVC-2004-141-1/1

Women's History Month - Video File

During National Women's History month, NASA's Jet Propulsion Laboratory honors the extraordinary accomplishments of female scientists and engineers.

Audience: News Resource Site: JPL

Client: Godwin

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

03/22/2004 - 0:16:43 Producer: Semerano

AVC-2004-142-1/1

Venus Transit Webcast/Broadcast

A discussion and Q&A from remote locations about the rare transit of the Sun by Venus in June 2004.

Audience: Gen. Edu.

Client: R. Jackson

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix
03/19/2004 - 1:00:00 Producer: Kline

AVC-2004-144-1/1

Space Science Update: Opportunity Hits the Beach

MER Opportunity is exploring the Martian Meridiani Planum and recently discovered evidence rocks at the landing site have been altered by water.

Panelists:

* NASA Administrator Sean O'Keefe made opening remarks

* Dr. Ed Weiler-NASA's Associate Administrator, Office of Space Science

* Prof. Steve Squyres-Cornell University, Ithaca, N.Y., and MER Principal Investigator

* Prof. John Grotzinger-Massachusetts Institute of Technology, Cambridge, Mass, and a MER Co-investigator

* Dr. Dave Rubin-U.S. Geological Survey Sedimentologist at the Pacific Science Center in Santa Cruz, Calif.

* Dr. Jim Garvin-NASA Lead Scientist for Mars and the Moon, Office of Space Science, NASA Headquarters

Audience: News Site: NASA HQ

Client: Media Relations, Org. 1810

Master: BCAMsp Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

03/23/2004 - 1:21:00 Producer: HQ

AVC-2004-145-1/1

Robotic Exploration of Mars

An overview of the exploration of Mars presented by Dan McCleese. Questions from both the California State University at Sacramento and the Sacramento Valley Astronomical Society are answered live over a phone hook-up.

Audience: Gen. News Site: JPL

Client:

Master:

Audio 1: Mono mix 2: Mono mix

03/19/2004 - 0:40:00 Producer: Semerano

AVC-2004-146-1/1

NASA Mars Exploration Rover Project - News Conference

Moderator: Veronica McGregor, JPL Media News Chief

Panelists: Matt Wallace-Opportunity Mission Manager/JPL

Dr. Ray Arvidson-Deputy Principal Investigator/Washington University, St. Louis

Dr. Larry Crumpler-Science Team Member/New Mexico Museum of Natural History

Bethany Ehlmann-Science Team Collaborator/Washington University, St. Louis

Dr. Goestar Klingelhofer-Lead Scientists for Moessbauer

Spectrometer/University of Mainz, Germany
Audience: News Site: TV Studio
Client: Media Relations, Org. 1810
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/26/2004 - 0:57:30 Producer: Savona

AVC-2004-147-1/1 **The Deep Space Network - 40 Years of Space Exploration**
VTV-1033

A brief overview of the Deep Space Network (DSN) and possible future improvements as told through DSN members.
Produced for the 40th anniversary celebration held at the Pasadena Hilton on 3/22/04.
Audience: Gen. Edu.
Client: Shirley Wolff
Master: DVCPRO50 Submaster: DVCPRO50
Audio 1: Mono mix 2: Mono mix
03/26/2004 - 0:06:56 Producer: Gary Savona

AVC-2004-148-1/1 **"Ask JPL" with Candice Hansen - Web Production**

Candice Hansen answers the question, "Why is Titan's atmosphere thicker than either Earth or Mars even though it has less gravity?"
Audience: Gen. Edu. Site: JPL
Client: Susan Watanabe
Master:
Audio 1: Mono mix 2: Mono mix
03/30/2004 - 0:02:35 Producer: Semerano

AVC-2004-149-1/1 **Mars Exploration Rover Animation (HD) with Music**

Contains animation of Mars 2003 Rovers. Includes Cruise, entry, descent, and landing with parachute and airbag as well as first images and rover driving around Mars, analyzing the surface.
Music version
Audience: Gen. Resource
Client: Viotti
Master: DVCPROHD
Audio 1: Mono mix 2: Mono mix
03/31/2004 - 0:07:25 Producer: Dan Maas

AVC-2004-151-1/1 **Mars Exploration Rover Animation (HD)-Sound Effects Only**

Contains animation of Mars 2003 Rovers. Includes cruise, entry, decent, and landing with parachute and airbags as well as taking first images and rover driving around Mars, analyzing the surface. Sound Effect ONLY.

Audience: Resource
Client: Viotti
Master: HDCam
Audio 1: Mono mix 2: Mono mix
03/31/2004 - 0:07:25 Producer: Dan Maas

AVC-2004-152-1/1 **NASA's Mars Exploration Rover Project News Briefing, 10am**

Intro: Natalie Godwin, Media Relations Rep.
Panelists: Chris Lewicki-Flight Director/JPL
Dr. Jim Bell-Lead Scientist, Panoramic Camera/Cornell University
Dr. Hap McSeen-Science Team Member/University of Tennessee, Knoxville
Dr. Jeff Johnson-Science Team Member/U.S. Geological Survey, Flagstaff
Dr. Rudi Rieder-Lead Scientist, Alpha Particle X-ray Spectrometer/Max Planck Institute, Germany
Dr. Steve Ruff-Science Team Collaborator/Arizona State University
Audience: News Site: TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/01/2004 - 0:61:00 Producer: Savona

AVC-2004-153-1/1 **"Cosmic Magnifying Glass Finds New Planet" - Video File**

NASA astronomers have used a "cosmic magnifying glass" to discover a planet orbiting a star in our Milky Way galaxy. This is the first time microlensing has confirmed the sighting of an extrasolar planet.
Audience: News Resource
Client: Platt
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix
04/02/2004 - 0:05:03 Producer: Semerano

AVC-2004-154-1/1 **Cassini Captures Storms Merging on Saturn - Video File**

NASA's Cassini spacecraft is only three months from reaching Saturn but is already giving scientists a mouthwatering surprise by catching two storms in the act of merging. Through Cassini, about 260 scientists from 17 countries hope to gain a better understanding of Saturn.
Audience: News Resource Site: JPL
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
A 1:25 Web Production Follows Video File(11:18TRT)

04/06/2004 - 0:11:18 Producer: Savona

AVC-2004-155-1/1

NASA's Mars Exploration Rover Project News Briefing, 10am

Intro: Natalie Godwin, Media Relations Rep.

Panelists: Dr. Firouz Naderi-Manager, NASA Mars Exploration Program/JPL

Jennifer Troster-Spirit Mission Manager/JPL

Dr. Ray Arvidson-Deputy Principal Investigator, Washington University, St. Louis

Audience: News

Site: TV STUDIO

Client: Media Relations, Org. 1810

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

04/08/2004 - 0:43:00 Producer: Savona

AVC-2004-157-1/1

Nursery of Giants Captured in New Spitzer Image - Video File

DR21, a stormy stellar nursery draped in dust, has been exposed for the first time by NASA's Spitzer Space Telescope. By seeing in the infrared, the telescope was able to see through the dust-enshrouded core of DR21 to the massive stars that lurk behind. Stills and animation.

Audience: News Resource

Client: Clavin

Master: DVCPRO25

Audio 1: MOS 2: MOS

04/08/2004 - 0:02:45 Producer: Kline

AVC-2004-159-1/1

Cassini B-roll Reel (NTSC)

B-roll showing various stages of Cassini's construction and testing from July 14, 1995 thru launch in October 17, 1997. Indexed in front.

Audience: Resource

Client: Martinez

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/11/2004 - 0:30:18 Producer: Semerano

AVC-2004-160-1/1

Aura Spacecraft Shipped to Launch Site - Video File

Aura, NASA's latest Earth Observing System spacecraft, has shipped from North Grumman's Space Park manufacturing facility in Redondo Beach, Calif., to Vandenberg Air Force Base, Calif., to begin final tests and integration with a Boeing Delta II rocket for a scheduled launch this June.

Audience: Resource

Site: JPL

Client: NASA TV/Buis

Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
04/12/2004 - 0:15:38 Producer: Savona

AVC-2004-163-1/1 **Mars Exploration Rover News Briefing 4-14-04**
Introduction" Veronica McGregor
Panelists: Jan Chodas/Flight Software Manager, Jason Soderblom/Science Team Collaborator, Christian Schroeder/Science Team Collaborator, Dr. Benton Clark/Science Team Member, and Deanne Rogers/Science Team Collaborator.
Audience: News Site: TV Studio
Client: Media Relations
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/14/2004 - 0:38:00 Producer: Savona

AVC-2004-166-1/1 **Deep Impact Animation**
Deep Impact: Your first look inside a comet. The Story of Deep Impact.
** Video plays twice**
Audience: Resource
Client: Maura Rountree
Master: BCAMsp Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2004 - 0:10:27 Producer: Maas/Rountree

AVC-2004-169-1/1 **von Kármán L: Artificial Intelligence for Autonomous Control in Space**
Presented by Dr. Ayanna Howard. This talk gives an overview of current AI techniques and research, including fuzzy logic methods for rover navigation, neural networks to assess natural environmental characteristics, and adaptive techniques for mimicking human visual perception.
Audience: Gen. Edu. Site: von Kármán Aud.
Client: Public Services Office, Org. 1840
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
04/15/2004 - 1:02:00 Producer: Hardine

AVC-2004-170-1/1 **Mars On Earth**
Jim Garvin, Lead Scientist for Mars Exploration, shows us some examples of Mars geology here on Earth on Surtsey Island, Iceland.
Audience: Edu. Resource
Client: M Viotti, Org. 1861
Master: DVCProHD Submaster: DVCProHD

Audio 1: Mono mix 2: Mono mix
04/19/2004 - 0:07:33 Producer: Beck

AVC-2004-172-1/1

Mars Exploration: A Framework For The Future

An outline for the next decade of Mars Exploration.
Features interviews with Jim Garvin, Firouz Naderi, Jim Graf, Tracy Williams and Emily Eelkema.

Audience: Gen. JPL Resource Site: JPL

Client: Firouz Naderi

Master: DVCProHD

Audio 1: Mono mix 2: Mono mix

04/23/2004 - 0:06:33 Producer: Hulme

AVC-2004-173-1/1

Genesis Comp Reel

1. Genesis Pre-Launch Videofile
2. Genesis Launch
3. Yuma Flight Training Air-to-Air

Audience: Resource

Client: Agle

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

04/27/2004 - 0:29:13 Producer: Kline

AVC-2004-174-1/1

NASA Mars Exploration Rover Project News Briefing 4-28-04

Intro: Gay Yee Hill, Media Relations Rep.

Participants:

Matt Wallace-Opportunity Mission Manager/JPL

Dr. Scott McLennan-Science Team Member/State University of New York, Stony Brook

Dr. Dave Des Marais-Science Team Member/NASA Ames Research Center

Audience: News Resource Site: TV Studio

Client: Media Relations, Org. 1810

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

04/28/2004 - 0:56:00 Producer: Savona

AVC-2004-176-1/1

Deep Space Network - Communicating Through Space

An overview of the Deep Space Network (DSN) as told by members of the DSN. For use in the Space Flight Operations Facility visitors gallery.

Audience: Gen. Site: JPL

Client: DSN/Shirley Wolff

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

05/03/2004 - 0:03:56 Producer: Savona

AVC-2004-179-1/1

Spitzer Shares the Wealth - Video File

Two new images generated from data collected by the Spitzer Space Telescope: NGC 300, a face-on spiral galaxy 7.5 million light years away, and Sharpless 140, a star forming region 3000 light years from Earth.

Audience: JPL

Client: Gay Yee Hill

Master: DVCPro25

Audio 1: MOS 2: MOS

05/07/2004 - 0:01:08 Producer: Kline

AVC-2004-183-1/1

Durable Mars Rovers Examine Craters - Video File

NASA's Mars Exploration Rover Opportunity is examining stadium-sized "Endurance Crater" to assess research benefits of entering it vs. the possibility it might not get back out. The Rover Spirit is trekking from "Bonneville Crater" to "Columbia Hills."

Audience: News Resource

Client: Webster

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

05/13/2004 - 0:11:30 Producer: Kline

AVC-2004-189-1/1
VTV-1015

von Kármán Lecture: "Step by Step, Robotically at the Red Planet"

Nagin Cox, JPL Deputy Team Chief, Spacecraft Rover Engineering Team, Mars Exploration Rover Project. Scientists and engineers in NASA's Mars Program have begun to reveal the many mysteries of the red planet. She described the latest missions, highlighting the Mars Exploration Rover Project.

Audience: Gen. Site: von Kármán Aud

Client: Public Service, Org. 1840

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

05/20/2004 - 1:29:30 Producer: Hardine

AVC-2004-190-1/1

Spitzer Space Telescope Space Science Update - Video File

Less than a year into its mission, NASA's Spitzer Space Telescope has found the raw ingredients of life sprinkled in dusty discs around other stars, where new planets may form. 3 animations + artist's concept of new planet.

Audience: News Resource

Client: Gay Yee Hill

Master: DVCPro50

Audio 1: MOS 2: MOS
05/24/2004 - 0:02:44 Producer: Kline

AVC-2004-194-1/1 **Cassini-Huygens Pre-Arrival at Saturn Video File**
Cassini-Huygens will begin a four-year prime mission in orbit around Saturn when it arrives June 30, 2004, (July 1 Universal Time). About six months later it will release the Huygens probe for descent through the thick atmosphere of Saturn's moon Titan.
Audience: News Resource
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/28/2004 - 0:15:08 Producer: Gary Savona

AVC-2004-195-1/1 **ASK JPL with Jessica Collisson - Web Production**
Jessica Collisson answers the question, "How are the lenses on the cameras aboard the Mars Rovers kept free from dust?"
Audience: Gen. Edu. Site: JPL
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/01/2004 - 0:02:17 Producer: Semerano

AVC-2004-196-1/1 **NASA's Mars Exploration Rover Project News Briefing**
Moderator: Natalie Godwin, JPL Media Relations
Panelists:
* Joe Snyder, Software Engineer-Lockheed Martin/JPL
* Dr. James Rice, Science Team Member-Arizona State University/Tempe
* Matt Wallace, Opportunity Mission Manager/JPL
* Dr. Wendy Calvin, Science Team Member-University Nevada/Reno
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/02/2004 - 0:47:30 Producer: Savona

AVC-2004-197-1/1 **Spitzer Science Update**
Planetary Construction Zones
Nancy Neal, NASA HQ
Dr. Anne Kinney, NASA HQ
Dr. Deborah Padgett, Caltech
Dr. Dan Watson, Univ. of Rochester
Dr. Ed Churchwell, Univ. of Wisconsin

Dr. Alan Boss, Carnegie Institution
Audience: News Site: NASA HQ
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/27/2004 - 0:58:00 Producer: NASA HQ

AVC-2004-198-1/1 **Cassini Saturn Orbit Insertion Preview Press Briefing**
Panelists:
Orlando Figueroa, Director, Solar System Exploration
Division/NASA Headquarters;
Robert Mitchell, JPL Cassini Program Manager;
Dr. Charles Elachi, JPL Director and team leader for the
Cassini Radar Instrument;
Dr. Jean-Pierre Lebreton, European Space Agency Huygens
Probe Manager.
Audience: News Site: NASA HQ
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/03/2004 - 0:55:00 Producer: NASA HQ

AVC-2004-201-1/1 **Cassini Arrival Productions: Overview, S.O.I., Science & Probe**
The following 5 videos are roll-ins for the
Cassini Orbit Insertion Commentary on June 30, 2004. Opening
roll-in - :16
Cassini Overview - 3:00; S.O.I. - 3:23; Science - 3:00 and
Huygens Probe - 2:45
Audience: JPL Resource Site: JPL
Client: NASA TV/Cassini
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/07/2004 - 0:13:01 Producer: Semerano/Savona

AVC-2004-202-1/1 **NASA Mars Exploration Rover Project News Briefing**
Intro: Veronica McGregor, Media Relations
Panelists: Dr. Firouz Naderi, Dr. Steve Squyres, Dr.
Johannes Bruecker
Audience: News Resource Site: TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/08/2004 - 0:00:00 Producer: Savona

AVC-2004-203-1/1 **Mars Exploration Rover Press Briefing**
Introduction: Veronica McGregor

Panelists: Dr. Firouz Naderi/Manager, Dr. Steve Squyres/Principal Investigator, Dr. Johannes Brueckner/Science Team Member, Jim Erickson/Deputy Project Manager, and Randy Lindemann/Rover Mobility Engineer.
Audience: News Resource Site: 186-Studio
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/08/2004 - 0:43:50 Producer: Savona/Hardine

AVC-2004-204-1/1 **von Kármán Lecture: "Finding Planets and Searching for Life"**
VTV-1038

Dr. Charles Beichman, Executive Director of the Caltech Michelson Science Center summarized NASA's program-Terrestrial Planet Finder, the results of recent studies, the role of JPL scientists and engineers in developing this mission and the prospects for international collaboration.
Audience: Gen. Site: von Kármán Aud
Client: Public Services, Org. 1840
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/10/2004 - 1:15:40 Producer: Hardine

AVC-2004-205-1/1 **Phoebe Looms in View - Video File**

Phoebe, Saturn's largest outer moon, is the first target of exploration for the Saturn-bound Cassini spacecraft. Included: 4 stills of Phoebe and interviews with Dr. Bonnie Buratti, Scientist, and Jeremy Jones, Chief Navigator, for the Cassini-Huygens mission.
Audience: News Resource
Client: Martinez
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/11/2004 - 0:05:58 Producer: Kline

AVC-2004-206-1/1 **NASA First Person - Jennifer Long - Web Production**

The work, experiences and personal observations of JPL employee Jennifer Long as told by her. Produced for the Daily Planet and the JPL home page.
Audience: Gen. Site: JPL
Client: McGahan
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/08/2004 - 0:03:00 Producer: Semerano

AVC-2004-208-1/1 **NASA Mars Exploration Rover Project News Briefing**

Intro: Natalie Godwin, Media Relations Rep.

Panelists:

Dr. Mark Adler, Mission Manager, JPL;

Dr. Larry Soderblom, Science Team Member, U.S. Geological Survey, Flagstaff, Arizona;

Dr. Scott McLennan, Science Team Member, State University of New York, Stony Brook

Audience: JPL News Site: TV Studio

Client: Media Relations, Org. 1810

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

06/15/2004 - 0:37:30 Producer: Savona/Hardine

AVC-2004-209-1/1

Phoebe, Saturn's Battered Moon - Video File

The Cassini spacecraft flew by Saturn's moon Phoebe on June 11, 2004. Included in this video file are images obtained from a mere 2,068 kilometers (about 1,285 miles) above the moon's surface and interviews with Dr. Bonnie Buratti, Scientist, and Jeremy Jones, Chief Navigator.

Audience: NASA

Client: Martinez

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

06/15/2004 - 0:07:03 Producer: Kline

AVC-2004-210-1/1

SRTM: A NASA Safari into Africa's Topography - Video File

NASA and the National Geospatial-Intelligence Agency have released a new digital elevation data set of Africa, the Arabian Peninsula and the island of Madagascar, created by the Shuttle Radar Topography Mission (SRTM). Flyover of Africa is narrated with music.

Audience: Gen. News Resource Site: JPL

Client: NASA TV/Buis

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

06/15/2004 - 0:15:19 Producer: Gary Savona

AVC-2004-211-1/1

Surprising Anatomy of a Comet Revealed by Stardust Mission -Video File

On Jan. 3, 2004, NASA's Stardust spacecraft made the most detailed pictures ever taken of a comet. Animations: Jets coming from comet, Spacecraft flying through jets, Mission animation. Stills: Artist's concept of Wild 2, Image enhanced to show jets, Spires on comet's surface, Map of surface.

Audience: News Resource

Client: Agle
Master: DVCPPro50 Submaster: DVCPPro50
Audio 1: MOS 2: MOS
06/16/2004 - 0:04:28 Producer: Kline

AVC-2004-214-1/1 **Stardust Space Science Update**
Findings from a historic encounter between NASA's Stardust spacecraft and Comet Wild 2 have revealed a much stranger world than previously believed. The comet's rigid surface, dotted with towering pinnacles, plunging craters, steep cliffs, and dozens of jets spewing violently, has surprised scientists.

Panelist:

- * Dr. Tom Morgan, Program Scientist, NASA HQ.
- * Dr. Donald Brownlee, Stardust Principal Investigator, University of Washington, Seattle
- * Benton Clark, chief scientist of space exploration systems, Lockheed Martin Space Systems, Denver.
- * Dr. Claudia Alexander, Rosetta Program Scientist, JPL

Audience: News Resource Site: NASA HQ
Client: Jane Platt, Org. 1810

Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
06/17/2004 - 0:40:00 Producer: HQ

AVC-2004-216-1/1 **Cassini Science Results from Phoebe Flyby - Video File**
Scientists, reviewing data from the Cassini spacecraft's June 11, 2004, flyby of the diminutive moon, have concluded that Phoebe is likely a mixture of ice, rock and carbon containing compounds similar in material seen in Pluto and Neptune's moon Triton.

Audience: News Resource Site: JPL
Client: NASA TV/Martinez

Master: DVCPPro50 Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
06/22/2004 - 0:14:42 Producer: Savona

AVC-2004-217-1/1 **Cassini's Encounter with Phoebe News Briefing**
Intro: Veronica McGregor, News Chief/MRO
Panelists:
* Dr. Peter Thomas, Imaging Team Member, Imaging Science Subsystem, Cornell University, Ithaca, N.Y.;
* Dr. Bonnie Buratti, Team Member of the Visual and Infrared Mapping Spectrometer, JPL;
* Dr. John Pearl, Co-Investigator, Composite Infrared Spectrometer, NASA's Goddard Space Flight Center, Greenbelt,

MD;
* Dr. Amanda Hendrix, Team member, Ultraviolet Imaging Spectrograph, JPL
* Dr. Torrence Johnson, Satellite Expert and Imaging Team Member, Imaging Science Subsystem, JPL.
Audience: News Resource Site: von Kármán Aud.
Client: Carnalla-Martinez, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/23/2004 - 0:49:30 Producer: Savona

AVC-2004-218-1/1 **Cassini Saturn Orbit Insertion Compilation**

A compilation of the following for a museum DVD:

SRC-000445 Cassini Animation of SOI;
SSV Animation;

SRC-000431 Cassini Animations Compilation Reel;

AVC-1998-212 Cassini - Huygens: Mission to Saturn and Titan
(Revised Version);

AVC-2004-201 Cassini Arrival Productions: Overview, S.O.I.,
Science & Probe
Audience: Gen. Resource
Client: Anita Sohus
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/23/2004 - 1:10:43 Producer: Hanchett

AVC-2004-219-1/1 **Roving on the Red Planet**

VTV-1051
HUD webcast.
Moderator: Colleen Sharkey, Mars Public Engagement
Panelists: Julie Townsend, Tactical Uplink Lead, Mars Exploration Rover Mission
Kobie Boykins, Mechanical Engineer, MER
Geoff Lake, Information Systems Administrator, MER
22 students from the Los Angeles Housing & Urban Development were in the audience to ask questions.
Audience: Gen. JPL Site: JPL TV Studio
Client: Stephanie Lievens
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/24/2004 - 0:46:50 Producer: Hardine

AVC-2004-223-1/1 **NASA Mars Exploration Rover Project News Conference**

Moderator: Natalie Godwin, Media Relations Rep.
Panel:
Dr. Steve Squyres, Principal Investigator;
Dr. Doug Ming, Science Team Member/JSC;

Chris Voorhees, Mechanical Systems Engineer/JPL;
Nicholas Tosca, Science Team Affiliate/State University of
New York, Stony Brook.
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/25/2004 - 0:45:40 Producer: Savona

AVC-2004-226-1/1 **Cassini Pre-Arrival Press Conference**
Moderator: Natalie Godwin, Media Relations Rep.
Panel:
Robert Mitchell, Cassini Program Mgr./JPL;
Julie Webster, Spacecraft Team Chief/JPL;
Jeremy Jones, Navigation Team Chief/JPL; Jean-Pierre
Lebreton, Mission Manager and Scientist/ESA;
Dennis Matson, Cassini Project Scientist/JPL.
Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/29/2004 - 1:04:30 Producer: Savona

AVC-2004-227-1/1 **Cassini Saturn Arrival - Video File**
Animations of SOI, Huygens, Phoebe Flyby, and a Phoebe Tour.
Video of Cassini's assembly and launch, still of Saturn,
Titan rotating, Sounds of Saturn's magnetosphere, interviews
w/Robert Mitchell, Cassini Program Manager, and Dr. Carolyn
Porco, Cassini Imaging Team Leader.
Audience: News Resource
Client: Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/29/2004 - 0:19:41 Producer: Kline

AVC-2004-229-1/1 **Cassini Final Status Before SOI Press Conference (9:00am)**
Moderator: Natalie Godwin, Media Relations Rep.
Panelists:
Robert Mitchell, Cassini Program Manager/JPL;
Julie Webster, Spacecraft Team Chief/JPL;
Jeremy Jones, Navigation Team Chief/JPL;
Dr. Michelle Dougherty, PI, Magnetometer/ Imperial College
of Science & Tech., London, England.
Audience: News Resource Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
06/30/2004 - 0:39:20 Producer: Savona

AVC-2004-231-1/1 **Cassini-Huygens International Press Conference (11:00am)**

Moderator: Natalie Godwin/Media Relations Rep. Panelist:
Dr. Charles Elachi, Director/JPL;
Dr. Ed Weiler, Associate Admin./NASA HQ;
Dr. David Southwood, Dir. of Scientific Programmes /
European Space Agency;
Dr. Simonetta DiPippo, Director of the Observation of the
Universe/ASI.

Audience: NASA Site: von Kármán Aud.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 0:23:30 Producer: Savona

AVC-2004-232-1/1 **Chat-How Cassini Fits Into the Larger Space Exploration Vision**

Panelists:
Ed Weiler, Associate Administrator/NASA Headquarters;
Dr. Charles Elachi, Director/JPL;
Orlando Figueroa, Director of Solar System Exploration/NASA
Headquarters;
David Southwood, Dir. of Scientific Programmes/European
Space Agency;
Simonetta DiPippo, Director of the Observation of the
Universe/Italian Space Agency (ASI)

Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 0:51:30 Producer: Savona

AVC-2004-234-1/2 **Cassini Coverage of Saturn Orbit Insertion (SOI) Commentary**

Audience: News Resource Site: S.F.O.F.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 2:07:38 Producer: Savona

AVC-2004-234-2/2 **Cassini Coverage of Saturn Orbit Insertion (SOI) Commentary**

Audience: News Site: S.F.O.F.
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 1:04:33 Producer: Savona

- AVC-2004-235-1/1 **Cassini Post Orbit Insertion Press Conference (10:00pm)**
Moderator: Veronica McGregor, Media Relations Rep.
Panelists: Dr. Charles Elachi, Director/JPL;
Dr. Ed Weiler, Associate Administrator/NASA HQ;
Robert Mitchell, Cassini Program Manager/JPL;
Julie Webster, Spacecraft Team Chief/JPL;
Dr. Jeremy Jones, Navigation Team Chief
Audience: News Resource Site: von Kármán
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/30/2004 - 0:30:00 Producer: Savona
- AVC-2004-236-1/2 **Cassini Coverage of Images Download Commentary**
Audience: News Resource Site: JPL 230-SFOF
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2004 - 1:40:00 Producer: Savona
- AVC-2004-236-2/2 **Cassini Coverage of Images Download Commentary**
Audience: News Resource Site: JPL 230-SFOF
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2004 - 0:05:00 Producer: Savona
- AVC-2004-237-1/1 **Cassini First Pictures Commentary (8:00am)**
Commentator: Gay Yee Hill, Media Relations Rep.
Jeff Cuzzi, Ames Research Center, Sunlight Side (18 images)
7:52-8:20am
Audience: News Resource Site: JPL 230-SFOF
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/01/2004 - 0:30:00 Producer: Savona
- AVC-2004-238-1/1 **Cassini First Pictures Press Conference (10:00am)**
Moderator: N. Godwin, Media Relations
Panelists:
Dr. Ed Weiler, Associate Administrator for Space
Science/NASA Headquarters;
Robert Mitchell, Cassini Program Manager/JPL;
Carolyn Porco, Imaging Team Leader/Space Science Institute,
Boulder, Co.;

Stamatios Krimigs, Principal Investigator, Magnetospheric Imaging Instrument/John Hopkins University, Laurel, MD.;
William Kurth, Deputy Principal Investigator/University of Iowa, Iowa City, Iowa

Audience: News Resource Site: von Kármán Aud.

Client: Media Relations

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

07/01/2004 - 1:03:00 Producer: Savona

AVC-2004-239-1/1

Cassini Preliminary Results Press Conference

Moderator: Veronica McGregor, JPL's News Chief

Participants:

Dr. Linda Spilker, Cassini Deputy Project Scientist/JPL;

Dr. Donald Shemansky, Cassini Co-Investigator, Ultraviolet Imaging Spectrograph/UCLA;

Dr. Roger Clark, Cassini Team Member, Visual and Infrared Mapping Spectrometer/US Geological Survey, Denver, Colorado;

Dr. Michael Flasar, Cassini Principal Investigator, Composite Infrared Spectrometer/Goddard Space Flight Center, Greenbelt, Maryland;

Dr. Carolyn Porco, Cassini Imaging Team Leader/Space Science Institute, Boulder, Colorado.

Audience: News Resource Site: von Kármán Aud

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

07/02/2004 - 0:57:45 Producer: Hardine

AVC-2004-240-1/1

Cassini Titan Flyby Results Press Briefing (10:00am)

Moderator: Natalie Godwin, Media Relations Rep.

Panelists:

Dr. Elizabeth Turtle, Imaging Scientist /U. of AZ; Dr. Kevin Baines, Team Member/JPL;

Dr. Stamatios Krimigis, PI Magnetospheric Imaging Instrument/John Hopkins U.;

Dr. Donald Gurnett, PI Radio and Plasma Wave Science, U. of Iowa.

Audience: News Resource Site: von Kármán Aud.

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
07/03/2004 - 0:45:00 Producer: Semerano

AVC-2004-245-1/1 **From the Archives: Explorer 1, Mariner 4, Ranger 4**

Explorer 1 - America's First Satellite (1:55)
Mariner 4 (2:24)
Ranger Impacts the Moon (2:21)
NOTE: Made for Web use. "Ranger" never used.
Audience: Resource
Client: S. Watanabe
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
07/09/2004 - 0:06:58 Producer: Kline

AVC-2004-247-1/1 **Aura Prelaunch Press Conference & Aura Mission Science Briefing**

Aura Prelaunch Press Conference
Participants:
- Bruce Buckingham, NASA Launch Commentator
- Dr. Phil DeCola, Aura program scientist, NASA Headquarters, Washington, D.C.
- Chuck Dovale, NASA launch director, Kennedy Space Center, Fla.
- Kris Walsh, Boeing director for NASA programs, Boeing Expendable Launch Systems, Huntington Beach, Calif.
- Michael Tanner, Aura program executive, NASA Goddard Space Flight Center, Greenbelt, Md.
- Captain Paul Lucyk, United States Air Force launch weather officer, 30th Weather Squadron, Vandenberg Air Force Base, Calif.
Aura Mission Science Briefing. Discussing the Aura goals and objectives (12:45):
- Dr. Mark Schoeberl, Aura project scientist, NASA Goddard Space Flight Center, Greenbelt, Md.
Audience: News Resource Site: Vandenberg AFB
Client: Aura/Media Relations
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
07/09/2004 - 1:30:00 Producer: NASA

AVC-2004-249-1/1 **von Kármán Lecture Series: The Rings of Saturn**

VTV-1039
Cassini-Huygens Mission arrives at Saturn.
Dr. Linda Spilker, JPL Cassini Deputy Project Scientist discusses why are the rings there at all? How did they form? So far, we only have bits and pieces of answers. The Cassini mission to Saturn will help answer many of these questions.

Audience: Edu. JPL Site: von Kármán Aud
Client: PSO, Org. 1840
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/15/2004 - 1:19:37 Producer: Hardine

AVC-2004-250-1/1 **NASA Mars Exploration Rover Project News Briefing**
Moderator: Natalie Godwin, Media Relations Rep.
Panelists:
Jim Erickson, JPL Project Manager for the Mars Exploration
Rover Mission;
Joe Melko, Rover Engineer/JPL;
Dr. Jutta Zipfel, Rover Science-Team Member from Max Planck
Institute for Chemistry, Main, Germany;
Dr. Jack Farmer, Arizona State University;
Dr. Matt Golombek, Rover Science-Team Member/JPL.
Audience: News Resource Site: JPL TV Studio
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/16/2004 - 0:40:00 Producer: Hardine

AVC-2004-251-1/1 **Mount Etna Volcanic Ground Deformation - Web Production**
An animation depicting a time-series of ground deformation
events at Mount Etna between 1992 and 2001. Narrated by
Paul Lundgren.
Audience: Gen. Resource
Client: Buis
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/22/2004 - 0:02:30 Producer: Semerano

AVC-2004-254-1/1 **Rocks Tell Stories in Spirit's Early Results - Video File**
In its first three months on Mars, NASA's rover Spirit found
clues in rocks telling scientists that the robot's landing
area has a history of volcanic blanketing.
Audience: News Resource Site: JPL
Client: NASA TV/Webster
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/03/2004 - 0:14:56 Producer: Savona

AVC-2004-255-1/1 **Cassini Early Findings - Video File**
Within a month of orbit insertion at Saturn, the Cassini
spacecraft has detected lightning, a new radiation belt and
a glow around the planet's largest moon, Titan. Video File

created for the August 5, press Conf.
Audience: Gen. News Site: JPL
Client: Martinez
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/04/2004 - 0:06:58 Producer: Semerano

AVC-2004-256-1/1 **Cassini WEB / Telephone press conference**
WEB presentation and Q&A from reporters
AUDIO ONLY!
Audience: News Resource Site: Telephone
Client: Martinez
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/05/2004 - 0:50:00 Producer: Hanchett

AVC-2004-257-1/1 **Spitzer: One Star's Life Ends with a Ring - Video File**
A new image from NASA's Spitzer Space Telescope shows the shimmering embers of a dying star, and in their a mysterious doughnut-shaped ring.
Audience: News Resource Site: JPL
Client: NASA TV/Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Silent 2: Silent
08/06/2004 - 0:02:23 Producer: Savona

AVC-2004-258-1/1 **NASA First Person - Aryen Moore-Alston - Web Production**
The work, experiences and personal observations of Aryen Moore-Alston, a student from Spelman College, Atlanta, Georgia, who is pursuing her studies at JPL. Produced for the Daily Planet and the JPL home page.
Audience: Gen. NASA Site: JPL
Client: Susan W.
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/10/2004 - 0:02:58 Producer: Semerano/Savona

AVC-2004-259-1/1 **AURA/Delta Launch**
Launch of Aura spacecraft from Vandenberg Air Force Base.
Audience: NASA News Resource
Client:
Master: BCAMsp Submaster: DV
Audio 1: Mono mix 2: Mono mix
07/15/2004 - 0:12:10 Producer: Vandenberg AFB

AVC-2004-260-1/1 **Explore: Earth, Moon, Mars and Beyond**

NASA Television put together clips of various video productions, such as Aeronautic and Space Report on Earth, Apollo 11 with Neil Armstrong narrating and the Mars Exploration Rover Mission.

Audience: Gen. NASA Site: NASA

Client: NASA Television, Org. NASA

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

08/11/2004 - 0:05:34 Producer: NASA TV

AVC-2004-264-1/1 **Cassini Discovers New Moons - Video File**

On 8/16/04 scientists announced the discovery of two new moons around Saturn -- the smallest bodies so far seen around the planet. Animation of Cassini orbit insertion, still graphic of moons' orbits, movies of moons.

Audience: JPL News Resource

Client: Martinez, Org. 18

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

08/13/2004 - 0:02:49 Producer: Kline

AVC-2004-265-1/1 **Cassini Discovers 2 New Moons of Saturn - Web Video**

Movies show the 2 new moons of Saturn discovered by the Cassini spacecraft as it orbits Saturn. Graphics show the locations of their orbits. Narrator: Dr. Carolyn Porco, Cassini Imaging Team Leader.

Audience: Gen. Resource

Client:

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/17/2004 - 0:01:25 Producer: Kline

AVC-2004-266-1/1 **NASA Mars Exploration Rover Project News Briefing**

Moderator: Natalie Godwin, Media Relations Rep.

Panelists:

Dr. Steve Squyres, Principal Investigator/Cornell University;

Dr. Doug Ming, Science Team Member/NASA Johnson Space Center;

Dr. Ralf Gellert, Science Team Member/Max-Planck-Institut für Chemie/Germany;

Zoe Learner, Science Team Collaborator/Cornell University;

Chris Salvo, Mission Manager/Jet Propulsion Laboratory.

Audience: News Resource Site: TV Studio

Client: Media Relations, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
08/18/2004 - 0:57:35 Producer: Hardine

AVC-2004-267-1/1 **Genesis Return Overview News Briefing**
Natalie Godwin, Media Relations Rep. introduces Dr. Elachi, JPL Director, and moderates the panelists:
David Lindstrom/NASA HQ Genesis Program Scientist;
Don Sweetnam/Genesis Project Manager;
George Carlise, Navigation Chief;
Roy Haggard/Mid-Air Retrieval Operations Chief Dan Rudert/Helicopter Pilot;
Don Burnett/Principal Investigator.
Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/19/2004 - 0:57:00 Producer: Savona

AVC-2004-268-1/1 **von Kármán Lecture: The Orbiting Carbon Observatory**
VTV-1034 von Kármán Lecture Series, "The Orbiting Carbon Observatory: Understanding Atmospheric CO2 and its Impact on Climate Change" was presented by the OCO Deputy Principal Investigator, Charles Miller
Audience: Gen. Site: von Kármán Aud
Client: Public Services, Org. 1840
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/19/2004 - 1:23:30 Producer: Hardine

AVC-2004-269-1/1 **"The Role of Competition" - NASA's Transformation Dialogue**
VTV-1018 Johnny Stephenson, the One NASA Implementation Team Lead from NASA Headquarters moderated. Featuring Dr. Charles Elachi/JPL Director and Kevin Petersen/ Dryden Flight Research Center Director in an NASA-wide Transformation Dialogue.
Broadcasted live on NASA TV.
Audience: Gen. Site: von Kármán
Client: Andrea Vanacore
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/20/2004 - 1:01:00 Producer: Hardine

AVC-2004-270-1/1 **Genesis Capture and Return Mission - Video File**
The Genesis mission was launched in August of 2001 on a journey to capture samples from the storehouse of 99 percent of all the material in our solar system -- the Sun. On Sept.

8, 2004, the sample return capsule will enter the Earth's atmosphere returning its solar particle payload.

Audience: News Resource Site: JPL

Client: NASA TV/Agle, Org. 181

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

08/18/2004 - 0:22:14 Producer: Savona

AVC-2004-271-1/1 **Practicing the Mid-Air Capture of Genesis - Web Production**

Dan Rudert, helicopter pilot, describes the procedure for capturing the Genesis capsule in mid-air as it returns to Earth.

Audience: Gen. Resource Site: JPL

Client: Susan W.

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

08/20/2004 - 0:02:06 Producer: Semerano

AVC-2004-272-1/1 **GRACE Time Variable August 2004 - Video File**

The Gravity Recovery and Climate Experiment (GRACE) mission has shown that precise measurements of Earth's changing gravity field can effectively monitor changes in Earth's climate and weather. GRACE gives scientists a new tool to track water movement which influences climate.

Audience: News Resource Site: JPL

Client: NASA TV/Buis

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

08/24/2004 - 0:06:47 Producer: Savona

AVC-2004-273-1/1 **New Planets Discovered Beyond Our Solar System - Video File**

Planets about 20 times the size of Earth -- far smaller than previously detected -- have been discovered beyond our solar system. This is the first discovery of a new class Neptune-sized extrasolar planets.

Audience: News Resource Site: JPL

Client: NASA TV/Clavin

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

08/27/2004 - 0:06:08 Producer: Savona

AVC-2004-277-1/1 **Genesis Pre-Return Status Briefing**

Moderator: DC Agle, Media Relations Representative

Panelists: Dr. David Lindstrom/NASA Genesis Program Scientist/NASA Headquarters;

Don Sevilla/Genesis Payload Team Leader/NASA's Jet

Propulsion Laboratory;
Bob Corwin/Genesis Recovery Team Chief/Lockheed Martin Space
Systems;
Cliff Fleming/Helicopter Pilot/South Coast Helicopters,
Santa Ana, California;
Dr. Don Burnett/Principal Investigator/California Institute
of Technology, Pasadena, California.
Audience: News Resource Site: Dugway, Utah
Client: DC Agle/MRO, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix D 2: Mono mix
09/07/2004 - 0:52:27 Producer: Hardine

AVC-2004-280-1/1 **Genesis Sample Return Commentary Coverage**
NASA TV commentary and live coverage of events in Dugway,
Utah from approximately 11:00 a.m. to 2:00 p.m. EDT
Helicopter capture of the sample capsule was expected at
approximately 12:15 p.m. EDT. Parachutes on the capsule
failed to deploy. Capsule impacted into Utah test range.
Audience: Gen. News Resource Site: Utah/JPL
Client: NASA TV/Agle, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/08/2004 - 1:30:13 Producer: Savona

AVC-2004-281-1/1 **Genesis Sample Return Capsule Returns to Earth - Video Summary**
Natural sound summary of helicopters taking off, views of
the tumbling SRC and close-ups of the SRC at its impact
point.
Audience: News Resource
Client: HQ
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/08/2004 - 0:01:51 Producer: Kline

AVC-2004-282-1/1 **Genesis News Briefing, 11:30am PST**
Moderator: Jane Platt, JPL Media Relations Rep.
Panelists: Andrew Dantzler/NASA Headquarters Solar System
Division Chief;
Chris Jones/JPL Director for Solar System Exploration;
Roy Haggard/Director of Helicopter Flight Operations;
Don Sweetnam, Genesis Project Manager.
Audience: News Resource Site: Dugway, Utah
Client: DC Agle/MRO, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix

09/08/2004 - 0:42:50 Producer: Hardine

AVC-2004-283-1/1 **Cassini Discovers Ring & One Or Two Objects at Saturn - Video File**

Cassini scientists examining Saturn's contorted F ring, which has baffled them since its discovery, have found one small body, possibly two, orbiting in the F ring region, and a ring of material associated with Saturn's moon Atlas.

Audience: News Resource Site: JPL

Client: NASA TV/Martinez

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Silent 2: Silent

09/09/2004 - 0:02:33 Producer: Savona

AVC-2004-287-1/1 **Tracking Ozone Chemistry from Space Using MLS/Aura**

This animation shows data taken from August 13, through September 6, 2004 of the Ozone chemistry: Ozone, Temperature, Chlorine Monoxide, Nitric Acid and Hydrogen Chlorine layers. The Aura instrument is onboard the Microwave Limb Sounder (MLS). Made for a Air & Space Museum presentation.

Audience: Tech. Resource Site: JPL

Client: Karen Yuen

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

09/10/2004 - 0:00:54 Producer: Savona

AVC-2004-288-1/1 **Genesis News Briefing - Teleconference - Sept. 10, 2004**

Moderator: Jane Platt, JPL Media Relations Rep.; Gentry Lee, Chief Engineer for Planetary Systems, JPL; Don Sevilla, Genesis Payload Recovery Lead Engineer, JPL; Dr. Roger Wiens, Genesis Science Co-investigator, Los Alamos National Laboratory.

Audience: News Resource

Client:

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

AUDIO ONLY

09/10/2004 - 0:45:00 Producer: Hanchett

AVC-2004-289-1/1 **Genesis Pre-capture News Briefing - Dugway Truck Line Cut**

Introduction: DC Agle

Panelists: Dr. David Lindstrom, Don Sevilla, Bob Corwin, Cliff Fleming, and Dr. Don Burnett.

Audience: NASA News Site: Dugway, Utah

Client: Media Relations

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix
09/07/2004 - 0:52:51 Producer: Hardine

AVC-2004-290-1/1 **Genesis Capture and Return Commentary - Dugway Truck Line Cut**

Host: JPL's Gay Yee Hill and Rob Manning, Dugway Utah Jane Platt with Commander Doug Reed, USAF and Col. Gary Harder US Army

Audience: News Site: Dugway Utah

Client: Media Relations, Org. 181

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/08/2004 - 1:27:10 Producer: Hardine

AVC-2004-291-1/1 **Genesis Post Event News Briefing - Dugway Truck Line Cut**

Moderator: Jane Platt

Panelist: Andrew Dantzler, Chris Jones, Roy Haggard, and Don Sweetnam.

In audience: Don Sevilla and Bob Corwin.

Audience: News Resource Site: Dugway, Utah

Client: Media Relations

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/08/2004 - 0:41:47 Producer: Hardine

AVC-2004-293-1/1 **Catching a Piece of the Sun: The Genesis Sample Return Mission**

The von Kármán Lecture Series was presented by Dr. Nora Mainland, Genesis payload and navigation lead. The goal of NASA's Genesis mission is to collect and return to Earth 10 to 20 micrograms of solar wind from outside the influence of Earth's magnetic field. Scientists will preserve this smidgen of the Sun in an exclusive laboratory for study over the next century in search of answers to fundamental questions about the composition of our star and the birth of our solar system. Genesis is scheduled to return its samples in early September 2004. This presentation includes images of the dramatic helicopter mid-air capture of the capsule containing the delicate solar wind samples, status reports about the pristine samples collected by the solar arrays, and a discussion of how the scientific community will benefit from this historic mission.

Audience: Gen. Site: von Kármán Aud

Client: Cynthia Cuno/PSO, Org. 1840

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

09/16/2004 - 1:13:20 Producer: Hardine

- AVC-2004-294-1/1 **Cassini - Galex - Spitzer derived from "Spirit of Exploration"**
Excerpts from AVC-2004-279, a video produced for the Air and Space Museum presentation. This tape was prepared for Dr. Elachi.
Audience: JPL
Client: Elachi
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
09/17/2004 - 0:07:16 Producer: Kline
- AVC-2004-296-1/2 **National Explorer School: Flory Science & Technology Academy**
Experience Learning In A Whole New Light "There Is A Place For Me At NASA"
Welcome: Pam Hill-School Principal, Intro of NASA Official-School Superintendent/Dr. Frank DePasquale, Kevin Petersen-Dir. of Dryden Flight Research Center, Intro of Astronaut, 5th grader Shannon Mc Court, Expedition 9 Crew Message, Astronaut Dr. Anna Fisher discussed what it takes for mission success and the importance of working in teams to complete the mission. Q & A with students, Dr. Fisher and Kevin Petersen, Closing Remarks-Pam Hill, School Principal
Audience: Edu. JPL News Site: Moorpark, CA
Client: Natalie Godwin/MRO, Org. 1810
Master: DVCPROHD
Audio 1: Mono mix 2: Mono mix
09/20/2004 - 0:41:51 Producer: Kennedy
- AVC-2004-296-2/2 **National Explorer School: Flory Science & Technology Academy**
Station Break, which is hands-on-activities with David Seidel of JPL's Education Office-Includes driving of rover wheels over many children.
Audience: Edu. JPL News Site: Moorpark, CA
Client: Natalie Godwin/MRO, Org. 1810
Master: DVCPROHD
Audio 1: Mono mix 2: Mono mix
09/20/2004 - 0:09:11 Producer: Kennedy
- AVC-2004-297-1/1 **"Ask JPL" with Dr. Marc Rayman - Web Production**
Dr. Marc Rayman of NASA's Jet Propulsion Laboratory answers the question, "Will spacecraft ever travel fast enough for us to visit other planets?"
Audience: Gen. Edu. Site: JPL
Client: Susan W.
Master: BCAMsp
Audio 1: Mono mix 2: Mono mix

09/21/2004 - 0:04:09 Producer: Semerano

AVC-2004-300-1/1 **Big Yam-Shaped Asteroid to Zoom Safely Past Earth Wednesday -Vid File**

Wed., Sept. 20, mountain-sized asteroid Toutatis will make its closest approach to Earth at 9:37 a.m. PDT. Coming no closer than four times the distance between Earth and the Moon, it poses no risk to Earth, but it is the closest approach of any known asteroid of comparable size this century

Audience: News Resource

Client: Platt

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

09/24/2004 - 0:02:30 Producer: Kline

AVC-2004-301-1/4 **NASA Explorer School Outreach Program: Lake View Elementary School**

Welcome: Colette Wright/School Principal introduces the schools superintendent, Cheyenne Knaack/5th grader introduces Blaine Baggett/JPL, Assemblyman Tom Harmon (D) District 67, Hailey Sweeley/5th grader introduces Astronaut Barbara Morgan

Audience: Edu. JPL Site: Hunting.Beach

Client: Natalie Godwin/MRO, Org. 1810

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

09/24/2004 - 0:45:18 Producer: Chris Raymond

AVC-2004-301-2/4 **NASA Explorer School Outreach Program: Lake View Elementary School**

David Seidel of Education Outreach lectures with Astronaut Barbara Morgan. They experimented by driving one of the Mars rovers over some of the students. They had the students participate in a Mars demonstration explaining the atmosphere on Mars.

Audience: Edu. JPL Site: Hunting.Beach

Client: Natalie Godwin/MRO, Org. 1810

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

09/24/2004 - 0:26:11 Producer: Chris Raymond

AVC-2004-301-3/4 **NASA Explorer School Outreach Program: Lake View Elementary School**

Principal Dismissing students to go back to their classrooms.

Audience: Edu. JPL Site: Hunting.Beach
Client: Natalie Godwin/MRO, Org. 1810
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
09/24/2004 - 0:00:45 Producer: Chris Raymond

AVC-2004-301-4/4 **NASA Explorer School Outreach Program: Lake View Elementary School**

Closing Remarks: Coletta Wright/Lake View Elementary School
Principal

Audience: Edu. JPL Site: Hunting.Beach
Client: Natalie Godwin/MRO, Org. 1810
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
09/24/2004 - 0:02:00 Producer: Chris Raymond

AVC-2004-302-1/1 **Asteroid Toutatis Makes Close Approach to Earth - Web Video**

Wed., Sept. 20, mountain-sized asteroid Toutatis will make its closest approach to Earth at 9:37 a.m. PDT. Featuring Dr. Don Yeomans and animations.

Audience: Gen.
Client: Watanabe
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
09/27/2004 - 0:01:05 Producer: Kline

AVC-2004-304-1/1 **MER "90 Sols in 90 Seconds"**

Two 90-second music videos. Sequential images from 90 Sols (Martian days) taken by the Mars Exploration Rovers, Spirit & Opportunity.

Audience: Gen. Resource
Client: Xaviant Ford
Master: DVD Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
09/28/2004 - 0:03:00 Producer: Passaniti

AVC-2004-306-1/1 **Genesis Mission Status Report - Video File**

Interview with Dr. Eileen Stansbery, Johnson Space Center, Containment Control, Genesis project. Edited B-roll of work in the Dugway Utah cleanroom as parts of the Sample Return Capsule are examined, cataloged and packed for shipment to JSC.

Audience: News Resource
Client: Platt
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix

09/29/2004 - 0:02:00 Producer: Kline

- AVC-2004-308-1/1 **Kepler's Supernova Turns 400 - Video File**
Supernova discovered by Johannes Kepler as seen by Hubble Space Telescope, Chandra X-Ray Observatory & Spitzer Space Telescope. Supernova animation. Animations of 3 great observatories. Interviews: Dr. William Blair, PI, Spitzer, and Dr. Ravi Sakrit, PI, Hubble, both of Johns Hopkins University.
Also contains: Images of Johannes Kepler, his book and his drawings of the sky with the location of the supernova.
Supplementary interview with Dan Lewis, History of Science & Technology Curator, Huntington Library.
Audience: News Resource
Client:
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
10/04/2004 - 0:05:19
- AVC-2004-309-1/1 **Mars Rovers Probing Water History at Two Sites - Video File**
The twin Mars rovers, Spirit and Opportunity, are finding more clues about watery episodes in the history of the sites they are exploring. NASA has extended their missions a second time.
Audience: News Resource Site: JPL
Client: NASA TV/Webster
Master: DVCPRO50 Submaster: DVCPRO50
Audio 1: Mono mix 2: Mono mix
10/06/2004 - 0:04:58 Producer: Gary Savona
- AVC-2004-310-1/3 **NASA Administrator's Symposium: Risk and Exploration "Earth"**
Exploration and risk were the topics for a this special symposium hosted by NASA administrator Sean O'Keefe. The symposium originated from the Naval Postgraduate School in Monterey, which examined the similarities between space exploration and other terrestrial expeditions with the help of some of the best known explorers in the world, including mountain climbers, deep sea explorers, scientists and science fiction writers. The discussions also included NASA astronauts, other notable aeronautics and deep space explorers.
Moderator: Chris McKay, Planetary Scientist, NASA ARC
Panelists: Ed Viesturs/American high-altitude mountaineer
Penny Boston/Director of Cave and Karst Studies, New Mexico Institute of Mining and Technology
Dale Andersen/Astrobiologist, Antarctic/Arctic researcher,

SETI Institute
Nathalie Cabrol/Planetary Geologist,ARC, SETI Institute
Bill Stone/President, Stone Aerospace
David Roberts/Writer specializing in mountain climbing,
adventure and archaeology
Audience: Tech. NASA Site: AMES/HQ
Client: Blaine Baggett, Org. 1800
Master: DVD
Audio 1: Mono mix 2: Mono mix
09/27/2004 - 2:28:00 Producer: Ames (rec by Ziats)

AVC-2004-310-2/3 **NASA Administrator's Symposium: Risk and Exploration "Sea"**
Moderator: David Halpern/ Senior Policy Analyst, White House
Office of Science and Technology Policy
Panelists: John Chatterton/Professional diver, featured in
the book "Shadow Divers"
Sylvia Earle/Founder and chairman, Deep Ocean Exploration
and Research
Jean Michel Cousteau/President, Ocean Futures Society
Mike Gernhardt/NASA astronaut
James Cameron/Academy Award-winning director, undersea
explorer
Laurence Bergreen/Author, "Over the Edge of the World:
Magellan's Terrifying Circumnavigation of the Globe"
Audience: Tech. NASA Site: AMES/HQ
Client: Blaine Baggett, Org. 1800
Master: DVD
Audio 1: Mono mix 2: Mono mix
09/27/2004 - 2:53:00 Producer: Ames (rec by Ziats)

AVC-2004-310-3/3 **NASA Administrator's Symposium: Risk and Exploration "Stars"**
Moderator: John Grunsfeld, NASA Chief Scientist and
astronaut
Panelists: Harrison Schmidt/Former NASA astronaut
Shannon Lucid/NASA astronaut
Steve Squyres/Professor of Astronomy at Cornell University,
scientific principal investigator for the Mars Exploration
Rover mission
Jim Garvin/NASA chief scientist for Mars and the moon
John Mather/James Webb Space Telescope senior project
scientist, Goddard Space Flight Center
Graham Yost/Writer/director, "From the Earth to the Moon"
Audience: Tech. NASA Site: AMES/HQ
Client: Blaine Baggett, Org. 1800
Master: DVD
Audio 1: Mono mix 2: Mono mix

09/27/2004 - 2:49:00 Producer: Ames (rec by Ziats)

AVC-2004-311-1/1 **MER Telephone press briefing**
Jane Platt, Steve Squyres, Jim Erickson, Jim Bell, and John Grotzinger
Telephone Audio with web slides
Audience: News Resource Site: Telephone
Client:
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
10/07/2004 - 1:13:00 Producer: Hanchett

AVC-2004-312-1/1 **The Mars Show - The Mars Exploration Rover Mission**
Featuring launch animation, Two Landings, Surface animation and images from Spirit and Opportunity. DVD continuous loop. Narration by Rob Manning. Subtitled in English.
Audience: Gen. Resource
Client: Michelle Viotti, Org. 1861
Master: DVD
Audio 1: Mono mix 2: Mono mix
10/07/2004 - 0:15:00 Producer: Passaniti

AVC-2004-313-1/1 **Newfound Star Cluster May Be Final Milky Way "Fossil" - Video File**
Animated images from NASA's Spitzer Space Telescope reveal a never-before-seen globular cluster within the dusty confines of the Milky Way. The image shifts from visible through near-infrared to mid-infrared wavelengths.
Animation by Robert Hurt, Caltech.
Audience: News Resource
Client: Hill
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
10/08/2004 - 0:00:42 Producer: Kline

AVC-2004-314-1/1 **Indecisive El Nino Exhibits "Split Personality" - Video File**
These images show sea surface height anomalies in 2004. When oceanographers and climatologists view these "departures from normal" they can tell us how heat is being stored in the ocean to influence future planetary climate events, such as El Nino.
Audience: News Resource Site: JPL
Client: GSFC/Buis
Master: DVCPRO50 Submaster: DVCPRO50
Audio 1: Silent 2: Silent
10/12/2004 - 0:00:30 Producer: Savona

AVC-2004-315-1/1

von Kármán Lecture: Mars Reconnaissance Orbiter

"Mars Reconnaissance Orbiter; An Unprecedented Look at Mars"
presented by Jim Graf, Project Manager of MRO.

The 2005 Mars Reconnaissance Orbiter will search for evidence that water persisted on the surface of Mars for a long period of time. While other missions have shown that water flowed across the surface in Mars' history, the mystery remains of whether water was ever present long enough for life. Mars Reconnaissance Orbiter will increase tenfold the number of spots surveyed close up, and will identify obstacles that could jeopardize the safety of future landers and rovers. One of the cameras is the largest ever flown on a planetary mission and will be able to look at small-scale areas, perfect for identifying small features. The orbiter's telecommunications system will establish a crucial service for future spacecraft. This "interplanetary Internet" can be used by numerous international spacecraft.

Audience: Gen.

Site: von Kármán

Client: Media Relations

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

10/14/2004 - 1:12:30 Producer: Savona

AVC-2004-316-1/1

Astronomers Discover Planet Building Is Big Mess - Video File

Planets are built over a long period of massive collisions between rocky bodies as big as mountain ranges. New observations from NASA's Spitzer Space Telescope reveal surprisingly huge dust clouds around several stars, most likely results of embryonic planets smashing into each other.

Audience: News Resource

Client: Gay Yee Hill

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

10/15/2004 - 0:02:49 Producer: Kline

AVC-2004-317-1/1

Spitzer Web Briefing- Astronomers Discover Planet Building is Big Mess

Audio Teleconference with web graphics discussing the possible ways of the formation of planets around stars.

Presenters:

Dr. Jonathan Gardner

Dr. George Rieke

Dr. Scott Kenyon

Audience: News Resource

Client: Jane Platt, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/18/2004 - 0:50:00

AVC-2004-319-1/1 **Cassini Gets Up-Close to Saturn's Moon Titan - Video File**

The first close encounter of Saturn's smoggy moon Titan will be the focus of the Cassini spacecraft on Tuesday, Oct. 26, 2004. Larger than Pluto and Mercury, Titan is thought to have had an environment similar to that of early Earth's.

Audience: News Resource Site: JPL
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
10/20/2004 - 0:08:54 Producer: Savona

AVC-2004-323-1/1 **NASA First Person - Kevin Baines - Web Production**

The work, experiences and personal observations of JPL employee Kevin Baines as told by him. Produced for the Daily Planet and the JPL home page.

Audience: Gen. Site: JPL
Client: JPL home page, Org. 18
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/22/2004 - 0:02:57 Producer: Semerano

AVC-2004-324-1/2 **Cassini Titan Flyby Commentary, 6:30 p.m.- 9:30 p.m.**

Commentator: Gay Yee Hill, JPL Media Relations
Interviews: Earl Maize/JPL Deputy Program Manager, Carolyn Porco/Team Leader Imaging Science Subsystem of the Space Science Institute, Boulder, Co., Dr. Elachi/JPL Director, Bob Brown/Team Leader of the Visual and Infrared Mapping Spectrometer from University of Arizona, Tucson, Jean Pierre Lebreton/European Space Agency's (ESA) Project Manager, Jonathan Lunine/Interdisciplinary Scientist from Tucson, Arizona

Audience: Gen. News Resource Site: 264-650
Client: Carolina Martinez, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/26/2004 - 3:04:39 Producer: Savona

AVC-2004-324-2/2 **Cassini Titan Flyby Commentary, 9:30 p.m.- 12:00 a.m.**

Commentator: Gay Yee Hill, JPL Media Relations
Interviews: Jonathan Lunine/Interdisciplinary Scientist from

Tucson Arizona and Torrance Johnson/JPL Imaging Scientist
Audience: Gen. News Resource Site: 264-650
Client: Carolina Martinez, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/26/2004 - 1:32:36 Producer: Savona

AVC-2004-326-1/1 **New Images from Cassini's Close Flyby of Titan - Video File**

On Oct. 26, 2004, Cassini's flyby of Saturn's largest moon Titan was by far the closest any spacecraft has ever come - within 1,200 km (750 mi) of the surface. Featured images include the area of piggybacked probe Huygens' landing site, images made in various wavelengths & the team.

Audience: News Resource
Client: Martinez
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
10/27/2004 - 0:01:28 Producer: Kline

AVC-2004-328-1/1 **Cassini Press Briefing, 10/27/04 (9:00 a.m. PDT)**

Moderator: Natalie Godwin, Media Relations Rep.
Participants: Dr. Denis Bogan/Program Scientist from NASA Headquarters in Washington, DC
Dr. Earl Maize/Deputy Program Manager, JPL
Dr. Carolyn Porco/Team Leader of Imaging Science Subsystem from Space Science Institute, Boulder, Co.
Dr. Robert Brown/Team Leader of Visual and Infrared Mapping Spectrometer from University of Arizona, Tucson
Dr. Hunter Waite/Principal Investigator for the Ion and Neutral Mass Spectrometer from the University of Arizona, Tucson
Dr. Hunter Waite/Principal Investigator from Ion and Neutral Mass Spectrometer from University of Michigan, Ann Arbor, Mich.

Audience: News Resource Site: von Kármán Aud
Client: Carolina Martinez, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/27/2004 - 1:00:04 Producer: Savona

AVC-2004-329-1/1 **Cassini Press Briefing, 10/28/04 (9:00 a.m. PDT)**

Moderator: Natalie Godwin, Media Relations Rep.
Panelists: Dr. Charles Elachi/Team Leader Radar, JPL
Dr. Ralph Lorenz/Team Member Radar, University of Arizona, Tucson
Dr. Alfred McEwen/Team Member Imaging Science Subsystem,

University of Arizona, Tucson
Dr. Jonathan Lunine/Interdisciplinary Scientist, University of
Arizona, Tucson
Audience: News Site: von Kármán Aud
Client: Carolina Martinez, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/28/2004 - 0:59:37 Producer: Savona

AVC-2004-330-1/1 **The GAVRT Program**
Teachers, students, parents and JPL scientists give an
overview of how the Goldstone Apple Valley Radio Telescope
educational program helps inspire young students to excel in
math and science.
Audience: Gen. Edu. Site: JPL
Client: Shirley Wolff
Master: BCAMsp Submaster: DVD
Audio 1: Mono mix 2: Mono mix
10/28/2004 - 0:04:13 Producer: Semerano

AVC-2004-331-1/1 **Cassini Shows Titan's Young, Active Surface - Video File**
The first Cassini synthetic aperture radar images of
Saturn's hazy moon Titan show a complex geologic surface,
which may be composed of icy materials and hydrocarbons.
Images also show what appear to be wind-blown streaks on the
surface. Images made during Cassini flyby Oct. 26, 2004.
Audience: News Resource
Client: Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
10/28/2004 - 0:03:56 Producer: Kline

AVC-2004-333-1/1 **Cassini Listen-and-Log-on News Briefing, 9-10 a.m. PDT**
Presenters:
Bob Mitchell, Cassini Program Manager;
Larry Soderblom, Radar Team Scientist;
Toby Owen, Interdisciplinary Scientist.
Audience: News Resource Site: 186-123
Client: Carolina Martinez, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
10/29/2004 - 0:36:00 Producer: Ziats

AVC-2004-334-1/1 **Spirit Adds Clues about History of Rocks in Martian Hills - VideoFile**
MER rovers are still exploring after 10 months. Spirit:
Fresh clues that layered rocks in the "Columbia Hills" may

have originated as volcanic ash and been altered by water.
Engineers are working on a steering problem. Opportunity:
unexpectedly good power output from solar panels.
Contains two animated zoom-ins to Mars rocks, a narrated pan
and an interview with Jim Erickson, Mars Exploration Rover
Project Manager.
Audience: News Resource
Client: Webster
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/03/2004 - 0:05:28 Producer: Kline

AVC-2004-335-1/1 **Risk Symposium Highlights**
Highlights of the NASA Administrator's Symposium "Risk and
Exploration: Earth, Sea and the Stars," Naval Postgraduate
School, Monterey, Calif., Sept. 26-29, 2004
Audience: Gen.
Client: Baggett
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/02/2004 - 0:16:17 Producer: Ziats

AVC-2004-336-1/1 **MER Telecon Briefing**
Recent findings and status of Mars rovers Spirit and
Opportunity. Audio with graphics only.
Panelists-
James Erickson
Dr. Steven W. Squyres
Dr. Raymond E. Arvidson
Audience: News Resource Site: 186-TV Studio
Client: Media Relations
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/04/2004 - 0:53:27 Producer: Ziats

AVC-2004-337-1/1 **"Four Approaches to the Origins of Life"**
VTV-1023 Dr. Steven Benner, professor of chemistry at the
University of Florida, discusses how chemistry, geology,
planetary science and biology are to the point of supporting
coherent, hypothesis-based research investigating the origin
of life.
Audience: Gen. Site: von Kármán Aud.
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/09/2004 - 1:11:00 Producer: Semerano

- AVC-2004-339-1/1 **Spitzer Telephone News Briefing**
 Telephone quality audio with web graphics
 Moderator: Jane Platt
 Presenters: Dr Gordon K. Squires, Spitzer Science Center,
 Dr. Neal Evans, U of Texas at Austin,
 Dr. Klaus Pontoppidan, Leiden Observatory, Netherlands.
 Audience: News Resource
 Client: J.Platt, Org. 1810
 Master: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 11/09/2004 - 0:18:25
- AVC-2004-343-1/1 **Deep Impact - Short Version of Animation for Web**
 Edited version of SRC-000204 with music. No narration
 Audience: Gen. Site: JPL
 Client: Wanatabe
 Master: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 11/18/2004 - 0:01:30 Producer: Semerano
- AVC-2004-344-1/1 **von Kármán Lecture Series: "To See or Not to See..."**
 VTV-1028 von Kármán Lectures Series presents "To See or Not
 to See... Tools for Early Detection, Diagnosis and
 Prevention of Eye Disorders in Space and on Earth" by Dr.
 Wolfgang Fink.
 Audience: Gen. Site: von Kármán Aud.
 Client: PSO
 Master: DVCPro25 Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 11/18/2004 - 1:21:30 Producer: Savona
- AVC-2004-345-1/1 **Mars Science Laboratory (MSL) Instrument Selection - Video File**
 NASA has selected the scientific instruments for the Mars
 Science Laboratory, an advanced rover being developed for
 launch in 2009 and arrival at Mars in 2010. Among the
 selected investigations is a compact analytical lab for
 detecting and identifying any organic chemicals.
 Audience: News Resource Site: JPL
 Client: NASA TV/Webster
 Master: DVCPro50 Submaster: DVCPro50
 Audio 1: Silent 2: Silent
 11/22/2004 - 0:00:58 Producer: Savona
- AVC-2004-346-1/1 **NASA Update November 23,2004**
 NASA Administrator Sean O'Keefe discusses various topics

affecting the agency. Q&A follows.

Audience: JPL NASA Site: NASA TV

Client: Internal Comm., Org. 183

Master: DVCPro25 Submaster: VHS

Audio 1: Mono mix 2: Mono mix

11/23/2004 - 0:52:50 Producer: NASA HQ.

AVC-2004-348-1/1 **Reports Detail Rover Discoveries of Wet Martian History - Video File**

The most dramatic findings so far from NASA's Mars rovers -- telltale evidence for a wet and possibly habitable environment in the arid planet's past -- have passed rigorous scientific scrutiny for publication in a major research journal (Dec. 3, 2004 issue of SCIENCE).

Audience: News Resource

Client: Webster

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

12/02/2004 - 0:03:15 Producer: Kline

AVC-2004-350-1/1 **Life Detection Seminar Series:Submarine Hydrothermal Vent**
VTV-1040

"The Emergence of Life (and its Waste Products) at a Submarine Hydrothermal Vent"

Sponsored by JPL's Center for Life Detection

Presented by: Dr. Michael Russell, Professor of Applied

Geology at the University of Glasgow, Scotland.

Audience: Gen. Tech. Site: von Kármán Aud

Client: Rowena Dineros

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

12/02/2004 - 1:22:46 Producer: Hardine

AVC-2004-353-1/1 **Mars Compilation DVD - Mars Exploration Rover Mission**

Includes- Mars Show, 2 Landings, Spirit Launch, Opportunity Launch, Spirit Landing, Spirit Egress, Spirit & Opportunity-90in90, Mars Exploration- A Framework for the Future, Animation-EDL-6 Minutes of Terror, ITE-Impact to Egress

Audience: Gen. Edu. JPL

Client: Mars Outreach

Master: DVD

Audio 1: Mono mix 2: Mono mix

12/03/2004 - 1:00:00 Producer: Rino Passiniti

AVC-2004-356-1/1 **Imagine Mars Webcast: Redd School Imagines Mars**

Jessica Collisson and Randy Lindemann of the Jet Propulsion Laboratory answer questions from students at Redd School in Houston Texas.

Stephenie Lievens moderates.
Audience: Gen. Edu. Site: JPL
Client: Mars Outreach
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
12/09/2004 - 0:30:00 Producer: Lievens/Savona

AVC-2004-359-1/1
VTV-1026

von Kármán Lecture Series: Peering into the Universe
Presented by: Dr. Rachel Akeson, JPL research scientist at the Caltech Michelson Science Center. Interferometry is a technique that combines the light collected by multiple telescopes to greatly increase the level of detail that can be seen. The Keck Interferometer links the two 10-meter Keck telescopes on Mauna Kea, Hawaii - the largest optical telescopes in the world - and has the resolving power to see a quarter in New York from Los Angeles. This presentation described the Keck Interferometer and presented highlights of its astrophysical discoveries, ranging from observations of young stars to the centers of galaxies millions of light-years from Earth.
Audience: Gen. Site: von Kármán Aud
Client: PSO, Org. 1840
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
12/09/2004 - 0:47:23 Producer: Hardine

AVC-2004-360-1/1

Deep Impact Set to Launch and Impact Comet Tempel 1 - Video File
Scheduled for a Jan. 8, 2005, liftoff, NASA's Deep Impact spacecraft will deploy a probe that -- on July 4, 2005 -- will impact the nucleus of comet Tempel 1 at about 37,000 km/hr (23,000 mph). Tape includes animations, interview with Don Yeomans, Project Scientist, and clips of related missions.
Contents:
>Edited B-roll of assembly, pre-launch preparations and animation of mission.
>Interview with Don Yeomans, Deep Impact Project Scientist, JPL.
>Expanded B-roll:
1. 0:36 Animations of mission milestones.
2. 2:00 B-roll of S/C assembly & testing.
3. 0:18 B-roll of Ranger 7's POV during Moon impact in July 1964.
4. 0:23 Flyby of comet Wild 2, previous comet encounter.
5. 0:18 Animation showing S/C instruments.
6. 0:50 Animation of comet Tempel 1.

- 7. 0:29 Laboratory impact testing.
- 8. 0:13 Animation of Deep Impact trajectory.
- 9. 1:52 Longer duration animation of mission.

Audience: News Resource

Client: Agle

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

12/10/2004 - 0:09:43 Producer: Kline

AVC-2004-361-1/1 **Mars Rovers Spot Water-Clue Mineral, Frost Clouds - Video File**

Scientists have identified a water-signature material in bedrock that NASA's Mars rover Spirit examined in the "Columbia Hills," and Opportunity has seen frost and dramatic clouds marking seasonal changes and daily weather. Stills plus interview with Steve Squyres, PI for MER.

- 1. Still of clouds above "Endurance Crater."
- 2. Interview with Squyres.
- 3. Still: a rock called "Clovis," with patches where Spirit's RAT removed surface material. The rover discovered a water-signature mineral called goethite ("GUR-tite") in this rock.
- 4. Pan & Still: View of "Burns Cliff" on Mars taken by Opportunity's pancam when the rover had driven up to the base of the cliff inside "Endurance Crater."
- 5. Pan & Still: Super-resolution view of layers at the base of "Burns Cliff" that have textures suggesting the sediments were moved by wind, unlike some higher layers, which were apparently deposited in water.

Audience: News Resource

Client: Webster

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

12/13/2004 - 0:03:35 Producer: Kline

AVC-2004-362-1/1 **Cassini Close-up of Titan, Last before Huygens Probe Release-VideoFile**

Saturn's smog-cloaked moon Titan, with its Earth-like nitrogen atmosphere, is once again the focus of a close flyby by the Cassini spacecraft on Dec. 13, 2004. Includes 3 new images, a diagrammatic animation of Cassini's activities during the flyby & animation of Cassini at Saturn.

Audience: News Resource

Client: Martinez

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

12/13/2004 - 0:04:42 Producer: Kline

- AVC-2004-363-1/1 **MER telephone Press conference**
 From AGU
 Steve Squires, Jim Erickson, and others
 Audio Only
 Audience: News Resource Site: telephone
 Client: Guy Webster, Org. 1810
 Master: DVCPRO25
 Audio 1: Mono mix 2: Mono mix
 12/13/2004 - 1:23:00 Producer: Hanchett
- AVC-2004-366-1/1 **Galex Discovers Spawning Massive Galaxies - Video File**
 NASA's Galaxy Evolution Explorer has spotted what appear to be massive baby galaxies in our corner of the universe. The recent discovery offers astronomers their first, close-up glimpse at what our galaxy probably looked like when it was in its infancy.
 Audience: News Resource Site: JPL
 Client: NASA TV/Gay Yee Hill
 Master: DVCPRO25 Submaster: DVCPRO25
 Audio 1: Mono mix 2: Mono mix
 12/17/2004 - 0:04:09 Producer: Frank Semerano
- AVC-2004-368-1/1 **Cassini Sends Postcards of Saturn's Moons Titan and Dione - Video File**
 The Cassini spacecraft revealed spectacular new details of the surfaces of the moons Titan and Dione ("dee-OH-nee") during flybys on Dec. 13 and 14, 2004. 4 stills and animations of Cassini's activity pattern during the flyby and of the Cassini spacecraft at Saturn and Titan.
 4 stills:
 PIA06154, PIA06155, PIA06160, PIA06161
 SOAP animation showing Cassini's activity pattern during the flyby.
 Brief animation of Cassini spacecraft at Saturn and Titan.
 Audience: News Resource
 Client: Martinez
 Master: DVCPRO50
 Audio 1: Silent 2: Silent
 12/15/2004 - 0:04:52 Producer: Kline
- AVC-2004-370-1/1 **SRTM Takes You "Down Under" for Mapping Finale - Video File**
 NASA releases its final Shuttle Radar Topography Mission (SRTM) digital elevation maps of our planet, covering Australia, New Zealand, and more than 1,000 islands. The data will be used to create the world's most accurate topographic map.

Audience: News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/20/2004 - 0:08:50 Producer: Gary Savona

AVC-2004-371-1/1

Galex Web Teleconference

NASA announces adult universe still spawning massive galaxies.
Panelists: Dr. Ziatan Tsvetanov/Galaxy Evolution Explorer Program Scientist-NASA Headquarters
Dr. Tim Heckman/Director of Center for Astrophysical Sciences-John Hopkins University, Baltimore, Md.
Dr. Chris Martin/Galaxy Evolution Explorer Principal Investigator-California Institute of Technology, Pasadena, Calif.
Dr. Alice Shapley/Miller Fellow-University of California, Berkeley

Media contacts:

Whitney Calvin-JPL

Don Savage-NASA HQ

Audience: News Resource Site: NASA HQ

Client: Whitney Calvin/MRO, Org. 1870

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

12/21/2004 - 0:40:05 Producer: Ziats

AVC-2004-372-1/1
VTV-1016

Twelve Wheels on Mars: The 2004 Mars Exploration Rover Mission

Syd Lieberman, an internationally acclaimed storyteller, award winning teacher and author conducted a live story performance of his rendition of the human side of the mission. This is a revised version of AVC-2004-252.

Audience: Gen. Site: von Kármán Aud

Client: Stephanie Lear, Org. 1860

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix AVC-2004-252

12/17/2004 - 0:56:24 Producer: Hardine

AVC-2004-373-1/1

AGU Cassini Press Conference

Participants: Linda Spilker, Kevin Baines, Carolyn Porco, and Jean-Pierre Lebreton

Audience: News Resource Site: San Francisco

Client: Carolina Martinez, Org. 1870

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

12/16/2004 - 0:43:23 Producer: Ziats

- AVC-2004-374-1/1 **Animation: The European Space Agency's Huygens Probe**
 Animation showing the separation of the Huygens Probe from the Cassini spacecraft and the probe's descent to Saturn's moon Titan. Animation provided by ESA (European Space Agency). The Cassini-Huygens mission is a project of NASA, ESA and ASI (the Italian Space Agency).
 Audience: Resource
 Client:
 Master: DVCPPro50
 Audio 1: Mono mix 2: Mono mix
 12/23/2004 - 0:07:21 Producer: ESA
- AVC-2004-375-1/1 **Cassini/Huygens Interviews and Animations - Supplied by ESA**
 Construction of Probe. Scientists discuss Cassini images. B-roll of JPL & ESOC. Intvus: Claudio Solazzo, Huygens Mission Ops Mgr; Jonathan Lunine and Tobias Owen, Cassini/Huygens Interdisciplinary Scientists, Charles Elachi, Cassini Radar Team Leader, Bob Mitchell, Cassini Mission Mgr.
 Animation notes:
 Some animation excerpts are used in the B-roll, but all animation is replayed in full during the last 7:21 of the tape. Some is new ESA animation; some is from Ringworld.
 Interviews info in full:
 Claudio Solazzo, Huygens Mission Operations Manager.
 Jonathan Lunine, Cassini/Huygens Interdisciplinary Scientist, Univ. of Arizona.
 Tobias Owen, Cassini/Huygens Interdisciplinary Scientist, Univ. of Hawaii.
 Dr. Charles Elachi, Cassini Radar Team Leader.
 Robert Mitchell, Cassini Mission Manager.
 Audience: Resource
 Client:
 Master: DVCPPro50
 Audio 1: V/O mix 2: Nat sound
 12/16/2004 - 0:20:03 Producer: ESA
- AVC-2004-376-1/1 **Mars Exploration Rover One-Year Anniversary Compilation Reel**
 Video and animation of significant events in the year just spent on Mars by the two rovers Spirit and Opportunity. Launches, Team members reacting to landings, "90 Sols in 90 Seconds," Microscopic images, "blueberries," Panoramas, quotes from Steve Squyres and Ed Weiler.
 1:52 Spirit launch
 3:00 Opportunity launch

1:38 Team members react
6:15 Dan Maas animation excerpt
1:33 90 Sols in 90 Seconds - Spirit
1:35 90 Sols in 90 Seconds - Opportunity
0:33 Mazatzal zoom
0:09 "Blueberries" zoom
1:07 Eagle Crater pan
0:23 Look back at Eagle Crater
1:45 Pan from atop Columbia Hills
1:50 Endurance Crater pan
1:15 Zoom to microscopic view at Opportunity Ledge
0:21 Quote from Squyres, principal investigator for the rovers' science instruments
0:22 Quote from Weiler, NASA's associate administrator for space science at the time of the landings.
Audience: Resource
Client:
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/29/2004 - 0:27:26 Producer: Kline

AVC-2004-377-1/1 **Mars Exploration Rover One-Year Anniversary Comp Reel - SHORT VERSION**

Events in the year just spent on Mars by the two rovers Spirit and Opportunity. Team members reacting to landings, "90 Sols in 90 Seconds," Microscopic images, Panoramas, quote from Steve Squyres, principal investigator for the rovers' science instruments.

1:38 Team members react
1:33 90 Sols in 90 Seconds - Spirit
0:33 Mazatzal zoom
1:07 Eagle Crater pan
1:45 Pan from atop Columbia Hills
1:50 Endurance Crater pan
0:21 Quote from Squyres, principal investigator for the rovers' science instruments
Audience: Resource
Client: Webster
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/29/2004 - 0:10:45 Producer: Kline

AVC-2004-378-1/1 **JPL/Caltech Float Set to Launch on Rose Parade Mission - Video File**

Video of outdoor testing of the float entered in the 2005 Tournament of Roses Parade. Video was made before the flowers were added. Nat sound. Derived from SRC-000522.

Audience: Resource
Client: McGregor
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/29/2004 - 0:06:42 Producer: Kline

AVC-2004-379-1/1 **Spirit & Opportunity: One Year on Mars**
The mission success and longevity of Spirit and Opportunity are celebrated through interviews, animations and documentary footage. Features interviews with Rob Manning, Jessica Collisson, Pete Theisinger, Steve Squyres and Joy Crisp.
Audience: Gen. Site: JPL
Client: Baggett
Master: DVCPProHD Submaster: DVCPProHD
Audio 1: Mono mix 2: Mono mix
12/29/2004 - 0:02:56 Producer: Hulme

AVC-2004-380-1/1 **Inspired: Kids Build Rovers - Web Production**
Students at Washington Middle School in Altadena, California create their own versions of planetary rovers.
Audience: Gen.
Client: S. Watanabe
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/30/2004 - 0:01:43 Producer: Semerano

AVC-2005-001-1/1 **Mars Exploration Rovers 1 Year Anniversary News Briefing**
Intro: Natalie Godwin, Media Relations Rep.
Panelists: Dr. Charles Elachi/JPL Director
NASA Administrator Sean O'Keefe
Jim Erickson, Mars Exploration Rover Project Manager/JPL
Dr. Steve Squyres, Mars Exploration Rover Principle Investigator/Cornell, Ithaca, N.Y.
Dr. Firouz Naderi, Mars Exploration Rover Program Manager/JPL
Dr. Jim Garvin, Chief Scientist/NASA Headquarters, Washington D.C.
Audience: News Resource Site: von Kármán Aud
Client: Veronica McGregor, Org. 1810
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
01/03/2005 - 1:00:20 Producer: Savona

AVC-2005-002-1/1 **"One Year Later: Mars Stories We've Never Told"**
VTV-1049 Panelists: Dr. Firouz Naderi, JPL Mars Exploration

Rover Program Manager;
Rob Manning/JPL Entry, Descent and Landing Manager;
Jennifer Trosper, JPL Spirit Mission Manager;
Polly Estabrook/JPL Entry, Descent and Landing
Telecommunications Expert;
Mark Adler/JPL Spirit Mission Manager;
Steve Collins/JPL Attitude Control Expert.
Audience: Edu. Site: von Kármán Aud
Client: Michelle Viotti, Org. 1860
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/03/2005 - 0:45:36 Producer: Savona

AVC-2005-004-1/1 **Mars Reconnaissance Orbiter: Fall 2004 Update**
Interviews and documentary footage capture the state of the
Mars Reconnaissance Orbiter project during its assembly and
testing phase. Features interviews with J. Graf, M. Malin,
H. Eisen, P. Barela and R. Zurek.
Audience: Gen. Resource
Client: MPE
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
10/19/2004 - 0:02:40 Producer: Hulme

AVC-2005-005-1/1 **NASA's Next Mars Mission Readies for August Launch - Video File
MRO**
Animation of Mars Reconnaissance Orbiter (MRO) aerobraking
into orbit around Mars. B-roll of MRO assembly at Lockheed
Martin Space Systems in Denver. Interview excerpts: Dr.
Richard Zurek, JPL Mars Reconnaissance Orbit Project
Scientist.
Audience: News Resource
Client: Webster
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/06/2005 - 0:03:38 Producer: Kline

AVC-2005-006-1/1 **Spirit of Exploration**
VTV-1022
The story of JPL's missions for the 12 months
leading up to June 2004 is told by animations, documentary
footage and interviews.
Audience: Gen.
Client: Baggett
Master: DVCProHD Submaster: DVD
Audio 1: Stereo 2: Stereo
01/06/2005 - 0:31:48 Producer: Kline/Baggett

- AVC-2005-008-1/1 **Mars On Earth II**
 In this second installment of "Mars on Earth", Jim Garvin, Lead Scientist for Mars Exploration, shows some of the similarities in geology between Earth and Mars from Reykjanes Peninsula in Iceland.
 Audience: Gen.
 Client: M. Viotti, Org. 1861
 Master: DVCPro50 Submaster: DVCProHD
 Audio 1: Mono mix 2: Mono mix
 06/15/2004 - 0:09:28 Producer: Beck
- AVC-2005-009-1/1 **Entering Endurance Crater**
 Interview and documentary footage give an overview of the rover This is sample texting required to make the decision to send Opportunity into Endurance Crater. Features an interview with rover mobility engineer Randy Lindemann.
 Audience: Gen. Resource Site: JPL
 Client: M. Viotti, Org. 1861
 Master: DVCProHD Submaster: DVCProHD
 Audio 1: Mono mix 2: Mono mix
 06/15/2004 - 0:03:21 Producer: Beck
- AVC-2005-010-1/1 **Driving Uphill Backwards**
 Interviews and documentary footage give an overview of the engineering solution to Spirit's right front wheel troubles. Features interviews with Julie Townsend and Joe Melko.
 Audience: Resource Site: JPL
 Client: M. Viotti, Org. 1861
 Master: DVCProHD Submaster: DVCProHD
 Audio 1: Mono mix 2: Mono mix
 08/01/2004 - 0:03:45 Producer: Beck
- AVC-2005-011-1/1 **Deep Impact Press Conference**
 Planned liftoff for the mission is Jan. 8, 2005. NASA's Deep Impact spacecraft has a six-month, 431 million kilometer (268 million mile) voyage to comet Tempel 1, where it will send a projectile crashing into the comet. The first time this has ever been attempted, the impact should create a stadium-sized crater, allowing scientists to study pristine material inside the comet dating back to the formation of our solar system.
 Briefing panelists:
 -- Andy Dantzler, Acting Director, Solar System Division, NASA Headquarters
 -- Tom Morgan, Deep Impact Program Scientist, NASA

Headquarters

-- Rick Grammier, Deep Impact Project Manager, Jet Propulsion Laboratory

-- Mike A'Hearn, Deep Impact Principal Investigator, University of Maryland, Baltimore

-- Karen Meech, Deep Impact Co-Investigator, Institute for Astronomy, Hilo, Hawaii

Audience: Gen. News Resource Site: NASA HQ

Client: DC Agle

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

12/14/2004 - 1:00:00 Producer: NASA HQ

AVC-2005-015-1/1 **Deep Impact Pre-Launch News Briefing**

Intro: Jessica Rye. Panelists: Orlando Figueroa, Omar Baez, Kris Walsh, Rich Grammier, Monte Henderson and Joel Tumbiolo.

Audience: News Resource Site: KSC

Client: Media Relations

Master: DVCPro25 Submaster: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/11/2005 - 0:45:00 Producer: KSC

AVC-2005-016-1/1 **NASA First Person - Dr. Don Yeomans - Web Production**

The work, experiences and personal observations of JPL employee Dr. Don Yeomans as told by him. Produced for the Daily Planet and the JPL home page.

Audience: Gen. Site: JPL

Client: Susan Watanabe

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/11/2005 - 0:02:52 Producer: Semerano

AVC-2005-017-1/1 **Deep Impact Launch Coverage**

VTV-1042

NASA Television covered the launch. Coverage will conclude approximately one hour after liftoff, once data from the Deep Space Network confirms the spacecraft's solar arrays have successfully deployed.

Audience: Gen. Resource Site: Cape Canaveral

Client: DC Agle, Org. 1870

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

01/12/2005 - 2:58:45 Producer: NASA TV

AVC-2005-019-1/1 **Huygens final status press conference (pre-descent)**

Live TV feed from Europe via ESA TV, rebroadcast on NASA TV.

D. Southwood, M. Dahl (NASA), J-P. Lebreton, C. Sollazzo participating.

Audience: News Resource Site: NASA-TV

Client: Cassini / MRO

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

01/13/2005 - 0:52:00 Producer: ESA

AVC-2005-021-1/1 **Cassini Turns Towards Titan Commentary, 12 Mid.-12:30am PST**

Cassini Turns Towards Titan-Interruption of Radio Contact.

Live coverage of the Jet Propulsion Laboratory/European

Space Agency mission from Darmstadt, Germany.

Audience: News Resource Site: Darmstadt, DDR

Client: Veronica McGregor, Org. 1870

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

01/14/2005 - 0:30:00 Producer: ESA (Hanchett)

AVC-2005-022-1/1 **The Huygens Probe Enters the Atmosphere Commentary, 2:00-3:15am PST**

Live coverage and commentary of The Huygens probe entering the atmosphere of Titan. A Jet Propulsion

Laboratory/European Space Agency mission from Darmstadt, Germany.

Audience: Gen. News Resource

Client: Veronica McGregor, Org. 1870

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

01/14/2005 - 1:15:00 Producer: ESA (Hanchett)

AVC-2005-023-1/1 **ESA News Briefing "Mission Status", 4:30-5:00am PST**

A Jet Propulsion Laboratory/European Space Agency interactive media briefing from Darmstadt, Germany.

Audience: News Resource Site: Darmstadt, DDR

Client: Veronica McGregor, Org. 1870

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

01/14/2005 - 0:30:00 Producer: ESA (Hanchett)

AVC-2005-024-1/1 **ESA Commentary on Huygens Probe Mission, 5:30-6:15am PST**

A Jet Propulsion Laboratory/European Space Agency mission coverage from Darmstadt, Germany.

Audience: Gen. News Resource Site: Darmstadt, DDR

Client: Veronica McGregor, Org. 1870

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

01/14/2005 - 0:45:00 Producer: Hanchett

AVC-2005-025-1/1 **Huygens Descent/JPL Commentary #1, 6:30-7:00AM PST**

Commentator: Gay Yee Hill, Media Relations

Participants: Bob Mitchell-JPL Cassini Program Manager,
Shaun Standley-ESA Huygens Systems Engineer, Richard
Miller-DSN Mission Manager

They announced that they got a signal and that the probe has
landed.

Audience: Gen. News Resource Site: 230 MSA

Client: Veronica McGregor, Org. 1870

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/14/2005 - 0:27:43 Producer: Savona

AVC-2005-026-1/1 **Huygens Descent/JPL Commentary #2, 9:20 - 9:26AM PST**

Commentator: Gay Yee Hill, Media Relations

Participants: Bob Mitchell, JPL Cassini Program Manager,
Shaun Standley, ESA Huygens Systems Engineer, Dr. Charles
Elachi, Director, JPL

They discussed transmission links.

Audience: Gen. News Resource Site: 230 MSA

Client: Veronica McGregor, Org. 1870

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/14/2005 - 0:06:00 Producer: Savona

AVC-2005-027-1/1 **NASA Update with Administrator Sean O'Keefe**

The Administrator marked the first anniversary of President
Bush's announcement of the Vision for Space Exploration and
discussed progress toward its milestone-driven
implementation. Craig Steidle and Jim Kennedy joined the
Administrator at KSC and presented the latest developments
with the developments with the Space Shuttle and the
Exploration Systems Mission Directorate. Bill Gerstenmaier
and Charles Elachi participated via satellite to elaborate
on the role of the International Space Station and the Jet
Propulsion Laboratory in achieving the Vision's goals.

Audience: NASA Site: NASA HQ

Client: Blaine Baggett, Org. 1800

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

01/14/2005 - 1:07:30 Producer: NASA HQ

AVC-2005-028-1/1 **ESA Commentary and Presentation of First Triplet Image**

Coverage between 11:45 a.m. and 12:00 p.m.

ESA commentary and presentation of first triplet image of data from Titan. ESA coverage.
Audience: Gen. News Resource
Client: Veronica McGregor, Org. 1870
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
01/14/2005 - 0:18:30 Producer: ESA (Hanchett)

AVC-2005-029-1/1 **ESA/JPL Commentaries and ESA News Briefings**
ESA Commentary 7:00-7:30AM
LIVE Feed 7:30-8:15AM
ESA Briefing 8:15-9:00AM
JPL Commentary 9:00-9:30AM
Audience: Gen. News Resource Site: Germany/JPL
Client: Veronica McGregor, Org. 1870
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
01/14/2005 - 2:00:00 Producer: ESA/JPL (Hanchett)

AVC-2005-030-1/1 **ESA Commentary and Presentation of Additional Images from Titan**
ESA commentary and presentation of additional/processed images of Titan - JPL/ESA mission coverage. Includes interviews with Dr. Charles Elachi and Bob Mitchell from JPL as part of the program. First 9 min. playback to new stills. Program begins at 9:00.
Audience: Gen. News Resource Site: ESA/JPL
Client: Media relations
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
01/14/2005 - 0:27:55 Producer: ESA/JPL

AVC-2005-031-1/1 **JPL Commentary of Cassini/Huygens**
JPL commentary on Cassini/Huygens, including new pictures, by Gay Yee Hill. Interviews include Torrence Johnson, JPL Cassini Imaging Scientist. 2:30 PST.
Audience: Gen. News Resource Site: JPL 230
Client: Media relations
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
01/14/2005 - 0:23:30 Producer: Savona

AVC-2005-032-1/2 **ESA's First Science Briefing, 2:00-3:15am PST**
ESA Final Wrap-Up of Huygens Probe mission-JPL/ESA (Mission Coverage).
Audience: Gen. News Resource Site: Germany
Client: Veronica McGregor, Org. 1870

Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/15/2005 - 1:06:00 Producer: ESA

AVC-2005-032-2/2 **ESA's First Science Briefing, 2:00-3:15am PST**
ESA Final Wrap-Up of Huygens Probe mission-JPL/ESA (Mission Coverage).
Audience: Gen. News Resource Site: Germany
Client: Veronica McGregor, Org. 1870
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
01/15/2005 - 0:15:00 Producer: ESA

AVC-2005-033-1/1 **The Universe Sends a Celestial Valentine -Video File- Spitzer Cassini**
NASA's Spitzer Space Telescope and Cassini mission are providing a Valentine's Day memento with two new views of dazzling rings and a celestial flower. Pan of rings. Zoom on still of "flower." Animation of Cassini at Saturn. Animation of Spitzer -- sky becomes infrared sky.
Audience: News Resource
Client: Hill
Master: DVCPro50
Audio 1: MOS 2: MOS
01/01/2005 - 0:01:47 Producer: Kline

AVC-2005-034-1/1 **Mars Compilation**
Mars compilation includes AVC-2005-002 "One Year Later: Mars Stories You've Never Heard" and AVC-2005-012 "The Mars Show."
Audience: Resource
Client: AVSO
Master: DVD
Audio 1: Mono mix 2: Mono mix
01/19/2005 - 0:50:00 Producer: Kennedy/Gonzalez

AVC-2005-035-1/1 **Earth and Space Colloquium: Search for Extraterrestrial Intelligence**
VTV-1029
Jill Tarter, Director of the Center for SETI
Research spoke on "Search for Extraterrestrial Intelligence: Pulling Signals Out of Cosmic Noise". Who will speak for Earth? What will they say? Maybe by then we will be old enough and wise enough to find some answers.
Audience: Site: von Kármán Aud
Client: Michelle Judd, Org. 322
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/20/2005 - 1:28:40 Producer: Hardine

AVC-2005-036-1/1 **von Kármán Lecture: "Oceans: Today's View from Space w/Supercomputers"**

Presented by Dr. Ichiro Fukumori, JPL Principal Scientist. Earth is the Ocean Planet: ocean waters, vital to all life, cover more than 70 percent of Earth's surface. Stirred and mixed by mighty currents, the oceans distribute heat across the globe and regulate our climate. From rapidly changing small waves to slowly varying currents across the globe, many factors drive the oceans and our climate. Satellites have revolutionized oceanography, allowing measurements that took decades to collect from ships to be completed in just a few days. This presentation describes how oceanography has evolved from ships to satellites, and to the latest innovation in computer models that combines all these different views of our global oceans. Welcome to "cyber-oceanography."

Audience: Gen. Site: von Kármán Aud

Client: PSO, Org. 1840

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix

01/20/2005 - 1:10:54 Producer: Hardine

AVC-2005-038-1/1 **Jason, SRTM & Terra Provide Imagery on Tsunami - Video File**

Imagery from several NASA spaceborne instruments/missions is shedding valuable insights into the Indian Ocean tsunami. They are being used by scientists and other government agencies to monitor such events, assess their impacts, refine tsunami models; increase our knowledge of them.

Audience: News Resource Site: JPL

Client: NASA TV/Buis

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Silent 2: Silent

01/21/2005 - 0:04:08 Producer: Savona

AVC-2005-039-1/1 **ESA News Briefing Jan. 21, 2005, 2:00AM PST-Huygens Science Update**

This briefing from ESOC in Darmstadt, Germany, gives an update on science acquired from the Huygens Probe's landing on Saturn's moon Titan. It includes explanation of discoveries and release of high resolution images from the Huygens Principle Investigators.

Audience: News Resource Site: ESOC

Client: Media Relations

Master: DVCPPro50 Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

01/21/2005 - 1:10:20 Producer: ESA (Hanchett)

- AVC-2005-042-1/1 **NASA Day of Remembrance**
A Day of Remembrance observance honoring those members of the NASA Family who lost their lives while furthering the cause of exploration and discovery. The program featured remarks by the Expedition 10 crew on board the International Space Station, Administrator O'Keefe, Deputy Administrator Gregory and T.K. Mattingly, the command module pilot on Apollo 16 in 1972 and commander of the STS-4 Columbia mission in 1982 and STS-51C Discovery mission in 1985.
Audience: Gen. Site: NASA HQ
Client: NASA HQ
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/26/2005 - 0:39:20 Producer: NASA TV
- AVC-2005-045-1/1 **An Odyssey of Exploration**
Documentary interviews, animations and music highlight the accomplishments of the 2001 Mars Odyssey project at the completion of Odyssey's primary mission.
Audience: Gen. Resource
Client: Michelle Viotti
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
01/31/2005 - 0:11:25 Producer: Hulme
- AVC-2005-046-1/1 **Astronomers Discover Beginnings of 'Mini' Solar System - VF Spitzer**
Video File - A low-mass brown dwarf (or "failed star") called OTS44 is 15 times the mass of Jupiter. This animation shows the star surrounded by a swirling disc of planet-building dust. OTS44 is the smallest brown dwarf known to host a planet-forming disc.
Audience: News Resource
Client: Hill
Master: DVCPro50
Audio 1: MOS 2: MOS
01/10/2005 - 0:01:40 Producer: Kline
- AVC-2005-054-1/1 **von Kármán Auditorium Version: Spirit of Exploration**
The story of JPL's missions in 2004 is told by animations, documentary footage and interviews.
Short version.
Audience: Gen.
Client: Baggett
Master: DVCProHD Submaster: DVCProHD
Audio 1: Stereo L 2: Stereo R

02/17/2005 - 0:18:05 Producer: Beck/Kline

AVC-2005-055-1/1 **Titan and Enceladus - Seen Like Never Before - Video File**

The Cassini spacecraft flew by Saturn's moons Titan and Enceladus on Feb. 15-16. Includes radar images of Titan taken during Cassini's third close flyby and images of Enceladus taken during the first close flyby.

Audience: News Resource

Client: Martinez

Master: DVCPro50

Audio 1: MOS 2: MOS

02/17/2005 - 0:03:11 Producer: Kline

AVC-2005-056-1/1 **Women Working on Mars**

VTV-1047

Students hear from a diverse group of girls and women involved in science and engineering and how they can get involved with robotics at any age.

Audience: Gen. Site: 186 TV Studio

Client: Stephanie Lievens

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/25/2005 - 0:41:58 Producer: Savona

AVC-2005-058-1/1 **von Kármán Lecture: Capturing the "Lord of the Rings"**

VTV-1035

Cassini-Huygens Mission to Saturn was the topic as Julie L. Webster, JPL-Cassini Spacecraft Operations Office Manager discussed how the Cassini spacecraft is one of the most complex missions ever flown. Cassini is settling in to perform a very ambitious four-year prime mission.

Audience: Gen. Site: von Kármán Aud

Client: PSO, Org. 1840

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

02/24/2005 - 1:22:25 Producer: Hardine

AVC-2005-060-1/1 **Spitzer Finds Galaxies Buried in Dust- Video File**

NASA's Spitzer Space Telescope has uncovered a hidden population of monstrously bright galaxies located 11 billion light-years away. Each of these strange galaxies shines the equivalent light of 10 trillion suns.

Audience: News Resource

Client: Gay Yee Hill

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

02/25/2005 - 0:05:01 Producer: Ford

AVC-2005-061-1/1 **Moonbeams Shine on Einstein, Galileo & Newton - VF Lunar Laser Ranging**

Astronauts placed the Lunar Laser Ranging Experiment on Earth's Moon 35 years ago. It is still active. Images from lunar surface; time-lapse complete lunar cycle, Apollo 15 astronaut repeats Galileo's famous gravity experiment; interview Dr. Slava Turyshev, JPL research scientist.

Audience: News Resource

Client: Hill/Platt

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

02/28/2005 - 0:05:51 Producer: Kline

AVC-2005-063-1/1 **New Saturn Movies Show Rings Edge-on and Moon Eclipse - Video File**

Two movies made by NASA's Cassini spacecraft: 1. Mimas, Saturn's little moon with the big crater, is seen with an edge-on view of the rings. 2. Saturn's moon Dione eclipses the moon Rhea.

3. Animation of the Cassini spacecraft in orbit around Saturn.

Audience: News Resource

Client: Martinez

Master: DVCPro50

Audio 1: MOS 2: MOS

03/12/2005 - 0:02:52 Producer: Kline

AVC-2005-065-1/1 **Volunteer Network Provides Ringside Seat to Saturn - Video File**

The Cassini-Huygens mission to Saturn has established the Saturn Observation Campaign, a network of volunteers across the country who invite their local communities to view Saturn through their telescope. There more than 380 volunteers in the US and 50 countries are members.

Audience: News Resource

Client: NASA TV/ Martinez

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

03/02/2005 - 0:08:44 Producer: Ford

AVC-2005-066-1/1 **Human Opponent Defeats Robotic Arms...Hands Down! - Video File**

A human defeated three robotic arms hands down. In the historic arm wrestling competition, the 17-year old high school student beat all three arms made with artificial muscles. The competition is one of the highlights at the Electroactive Polymer & Devices conference held in San Diego, CA

Audience: News Resource Site: San Diego
Client: NASA TV/Godwin
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/08/2005 - 0:09:12 Producer: Savona

AVC-2005-068-1/1 **NASA's Imaging Radar (SAR) Detects Ocean Pollution - Video File**

A NASA and university-funded study of coastal marine pollution hazards in Southern California concludes space-based synthetic aperture radar (SAR) can be a vital observational tool for assessing and monitoring ocean pollution in the world's urbanized coastal regions.
Audience: News Resource Site: JPL
Client: NASA TV/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/11/2005 - 0:05:04 Producer: Savona

AVC-2005-069-1/1 **Earth & Space Science Colloquium**

VTV-1053

Earth & Space Science Colloquium - by Professor Jonathan Lunine of the University of Arizona.
In the nine years since the first giant planet beyond the solar system was detected, we have learned a surprising amount about these objects. Distributed in orbits that range from 1/10 that of Mercury's to nearly that of Jupiter, these bodies range upward in size from Uranus. Size, density, and crude atmospheric compositions have been gleaned for a few from transit studies, but for the rest even the orbit and mass distributions are revealing of their origins and, as well, the origin and typicality of our own solar system. The prospect of direct study via giant ground-based telescopes and the James Webb Space Telescope opens the possibility that planetary science will truly become a field of many objects, closing out four centuries in which only four giant planet studies were known and studied intensively.
Audience: Gen. Site: von Kármán Aud.
Client: Michele Judd
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/14/2005 - 1:01:14 Producer: Savona

AVC-2005-072-1/1 **Spitzer Sees First Light from Planets Beyond Solar System - Video File**

Animation: artist's concept of extrasolar planet in visible vs. infrared light and being eclipsed by its parent star.
Interview excerpts: Dr. Drake Deming, Planetary Scientist, Goddard Space Flight Center. Animation of Spitzer Space

Telescope.
Audience: News Resource
Client: Hill
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
03/16/2005 - 0:05:49 Producer: Kline

AVC-2005-073-1/1 **Spirit 343 Sols / Opportunity 322 Sols**
Mars Exploration Rovers Spirit and Opportunity motor across the surface of Mars in two movies created with images from the hazard avoidance cameras on each rover.
Audience: Gen. Resource Site: JPL
Client:
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
03/16/2005 - 0:06:43 Producer: Lewicki/Leung

AVC-2005-075-1/1 **von Kármán Lecture Series: "Big Things Come in Small Packages"**
"Big Things Come in Small Packages: Mission Concepts Potentially Enabled by Small-RPS Technology" was presented by Robert Dean Abelson of JPL's Near Earth Mission Architecture Group.
The increased use of smaller spacecraft over the last decade, in combination with studies of potential science applications, has suggested the need for radioisotope power systems (RPSs) yielding much lower power levels than the 100-watt-scale devices used in the past. First used in space by the United States in 1961, RPSs convert the heat released from the nuclear decay of radioactive isotopes into electricity, and are long-lived, rugged, compact, highly reliable, and relatively insensitive to radiation and other space environmental effects. They can operate continuously, independent of orientation to and distance from the Sun. Small-scale RPS units have the potential to extend the capability of small science payloads and instruments and to enable new mission applications, finding use in future human exploration missions involving monitoring stations and autonomous devices. This presentation summarized mission studies results and technology development activities to date, and activities planned for the future.
Audience: JPL Site: von Kármán Aud.
Client: Public Services, Org. 1840
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
03/17/2005 - 1:18:35 Producer: Hardine

AVC-2005-077-1/1 **Spitzer Sees Light of a Distant Planet - Web Video**
Dr. Drake Deming (Goddard Space Flight Center) describes how the Spitzer Space Telescope measured the heat radiation emitted by a planet orbiting a star other than the Sun. Animations show the planet passing behind its parent star and infrared measurements of the planet's heat.
Audience: News Resource
Client: Hill
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
03/22/2005 - 0:01:25 Producer: Kline

AVC-2005-078-1/1 **Mars Reconnaissance Orbiter Highlight Compilation**
Highlights of the Mars Reconnaissance Orbiter assembly and testing at the Jet Propulsion Laboratory, Johns Hopkins Applied Physics Lab, Ball Aerospace, and Lockheed Martin Space Sciences.
Audience: Gen.
Client: Viotti
Master: DVCPProHD
Audio 1: Mono mix 2: Mono mix
03/16/2005 - 0:31:00 Producer: Passaniti

AVC-2005-079-1/1 **Spitzer Space Science Update**
New discoveries made by NASA's Spitzer Space Telescope. Astronomers announced major findings about planets outside our solar system, known as extrasolar planets. Researchers have discovered new capabilities of the infrared telescope to aid in the study of these planets.
Panelists:
-- Dr. Drake Deming, chief, planetary systems laboratory, NASA's Goddard Space Flight Center, Greenbelt, Md.
-- Dr. David Charbonneau, assistant professor of astronomy, Harvard-Smithsonian Center for Astrophysics, Cambridge, Mass.
-- Dr. Alan Boss, staff research astronomer, Department of Terrestrial Magnetism, Carnegie Institution of Washington
-- Dr. Kim Weaver, moderator; Spitzer program scientist, NASA's Science Mission Directorate, Washington.
Audience: News Resource Site: HQ
Client: Media Relations, Org. 186
Master: DVCPPro25 Closed Caption
Audio 1: Mono mix 2: Mono mix
03/22/2005 - 0:24:00 Producer: NASA TV

AVC-2005-081-1/1 **NASA First Person - Kevin Grazier - Web Production**

The work, experiences and personal observations of JPL employee Kevin Grazier as told by him. Produced for the Daily Planet and the JPL home page.

Audience: Gen.

Client: Watanabe

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

03/23/2005 - 0:03:04 Producer: Semerano

AVC-2005-082-1/1 **Mars on Earth 3 - Sedan Crater in Area 10 Nevada**
Dr. Jim Garvin, NASA's lead Scientist for Mars Exploration and the Moon, explores the Sedan Crater, an impact crater made by a nuclear blast, at Area 10 in the Nevada Test Site.
Audience: Gen.
Client: M. Viotti
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
03/15/2005 - 0:08:30 Producer: C.B.D. Beck

AVC-2005-089-1/1 **Mars Time - The Year that was 2004 ... and the Decade to Come.**
Highlights the accomplishments of the Mars Program Mission in 2004 (Mars Exploration Rovers, Mars Odyssey, Mars Global Surveyor, and Mars Express) and the missions to come (Mars Reconnaissance Orbiter, Phoenix Lander, Mars Telecommunications Orbiter, and Mars Science Laboratory)
Audience: Gen. Edu.
Client: M.Viotti, Org. 1861
Master: DVCProHD Submaster: DVCProHD
Audio 1: Mono mix 2: Mono mix
04/01/2005 - 0:12:03 Producer: Beck/Passaniti

AVC-2005-091-1/1 **New NASA Administrator Addresses Employees**
NASA's 11th Administrator Michael Griffin takes office the same day the Expedition 11 crew is set to begin its journey to the International Space Station. He answered questions from NASA employees during his first NASA Update.
Audience: Gen. NASA News Site: NASA HQ
Client: Blaine Baggett, Org. 1800
Master: DVCPro25 Closed Caption
Audio 1: Mono mix 2: Mono mix
04/14/2005 - 0:29:53 Producer: NASA HQ (Borst)

AVC-2005-092-1/1 **NASA's Spitzer Telescope Sees Signs of Alien Asteroid Belt- Video File**
NASA's Spitzer Telescope may have spotted the dusty spray of an asteroid belt that orbits a star like our Sun. The discovery offers astronomers a glimpse of a distant star

systems that resembles our own, and may represent a significant step toward knowing if and where other earths form.

Audience: News Resource

Client: Gay Yee Hill

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

04/15/2005 - 0:05:07 Producer: Ford

AVC-2005-093-1/1

Deep Impact/Delta II Science Briefing

Moderator: Jessica Rye-Public Affairs - NASA HQ

Andy Dantzler, Dir. Solar System Div.- NASA HQ

Dr. Mike A. Hearn, Deep Impact Prin. Invest.- Univ. of Maryland

Dr. Jay Melosh, Co-Invest.- Univ. Arizona

Dr. Lucy McFadden, Co-Invest.- Univ. of Maryland

Audience: News

Site: NASA HQ

Client: NASA HQ

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

01/11/2005 - 1:30:00 Producer: NASA HQ

AVC-2005-095-1/1

NASA HQ News Briefing with Admin. Michael Griffin

During Admin. Griffin's first news conf., he gave a brief opening statement and then responded to inquiries on a wide variety of topics. Including the Shuttle Return to Flight, his priorities as NASA administrator, planned personal and organizational changes, cancellations of certain programs, reductions in force at various NASA centers, the CEV procurement, NASA Roadmapping activities, the economic feasibility of a manned Mars mission, the future Hubble Servicing Mission and working with the Russian Space Agency, among others.

Audience: News

Site: NASA HQ

Client: Media Relations

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

04/18/2005 - 0:45:00 Producer: NASA TV

AVC-2005-096-1/1

The Challenges of Getting to Mars: Heavy Lifting

Documentary footage, interviews and music give an overview of the challenges of launching the Mars Reconnaissance Orbiter. Features interviews with Howard Eisen, Richard Zurek, Randy Walker, Arden Acord, and Laryssa Densmore.

Audience: Gen.

Site: JPL

Client: Michelle Viotti

Master: DVCProHD Submaster: D-BCAM
Audio 1: Mono mix 2: Mono mix
04/15/2005 - 0:03:27 Producer: Hulme

AVC-2005-099-1/1 **von Kármán Lecture Series-GALEX:A New Window on the Evolving Universe**

The Galaxy Evolution Explorer (GALEX), an orbiting telescope, is a NASA Explorer mission surveying the sky in the ultraviolet. GALEX Principal Investigator Dr. Christopher Martin presents an overview of the GALEX Mission on the eve of the mission's 2nd anniversary of launch.

Audience: Gen. Edu. JPL Site: von Kármán Aud
Client: PSO

Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
04/21/2005 - 1:15:30 Producer: Savona

AVC-2005-100-1/1 **Movie Clips Show Whirlwinds Carrying Dust on Mars - Video File MER**

The Mars Exploration Rover "Spirit" has captured images of two dust devils on Mars, the first recording of anything in motion on another planet. The first dust devil was recorded April 15, 2005; the second on April 18. Each movie repeats 3 times.

Audience: News Resource
Client: Webster, Org. Web

Master: DVCPro50
Audio 1: MOS 2: MOS
04/22/2005 - 0:01:58 Producer: Kline

AVC-2005-101-1/1 **Cassini Captures New Views of Titan - Video File**

Three new views of Saturn's moon Titan from the Cassini spacecraft's closest flyby on April 16 illustrate how different the same place can look in different wavelengths of light. Also included: animation of Cassini spacecraft in orbit around Saturn.

Audience: News
Client: Martinez

Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
04/22/2005 - 0:02:57 Producer: Kline

AVC-2005-102-1/1 **Galaxy Evolution Explorer 2nd Anniversary Web Video - Galex**

Mark Seibert explains the goals and accomplishments of the Galaxy Evolution Explorer (GALEX) mission during the 2 years since its launch. Included are an animation of the mission

and stills made by GALEX that reveal how much can be seen by viewing objects in ultraviolet light.

Audience: News Resource

Client: Gay Hill

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

04/27/2005 - 0:02:10 Producer: Kline

AVC-2005-103-1/1 **Mars Rover Panorama Shows Vista from "Lookout" Point - Video File**

NASA's Mars Exploration Rover Spirit spent weeks climbing to a ridgeline vantage point called "Larry's Lookout." Included are an approximately-natural color pan made from 300 images and an interview with Dr. Tim Parker, Mars Exploration Rover Science Team Member.

Audience: News Resource

Client: Webster

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

04/28/2005 - 0:05:08 Producer: Kline

AVC-2005-104-1/1 **Rover's Whirlwind Movies Show Action on Mars - Video File**

NASA's Mars Exploration Rover Spirit provided images of whirlwinds, or "dust devils," on Mars that are combined into movies showing several dust devils active at one time.

Interview excerpts feature Dr. Mark Lemmon, Mars Exploration Rover science team member, Texas A&M University.

Audience: News Resource

Client: Webster

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

05/03/2005 - 0:07:06 Producer: Kline

AVC-2005-105-1/1 **Hats Off to Space Day from NASA's Spitzer Space Telescope - VideoFile**

An animated pan reveals the difference in appearance of the Sombrero Galaxy in visible light and infrared light, using images from the Hubble Space Telescope and the Spitzer Space Telescope. Animation of the Spitzer Telescope is also included.

Audience: News

Client: Hill

Master: DVCPRO50

Audio 1: MOS 2: MOS

05/04/2005 - 0:03:09 Producer: Kline

AVC-2005-106-1/1 **Mars Dust Devils in Action - Web Video**

Dr. Mark Lemmon, atmospheric scientist for the Mars

Exploration Rover science team, describes movies of dust devils on Mars.

Audience: Gen.

Client: Watanabe

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

05/05/2005 - 0:02:49 Producer: Kline

AVC-2005-107-1/1 **Rover Team Tests Mars Moves on Earth - Video File**
Engineers and scientists simulated on Earth the soft sand of a small dune on Mars where NASA's rover Opportunity dug itself to wheel-hub depth the first week of May, 2005. They combined materials to mimic in the test lab the soft sand that sticks to the rover wheels on Mars.

Audience: News Resource

Client: Webster

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

05/06/2005 - 0:05:48 Producer: Kline

AVC-2005-108-1/1 **Cassini Finds New Saturn Moon That Makes Waves - Video File**
The Cassini spacecraft has discovered a new moon of Saturn, provisionally named S/2005 S1, which is seen in a series of time-lapse images taken May 1, 2005. Interview comments by Dr. Torrence Johnson, Cassini imaging team member/JPL. Also stills of the moon and animation of the spacecraft at Saturn

Audience: News Resource

Client: Martinez

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

05/10/2005 - 0:05:21 Producer: Kline

AVC-2005-110-1/1 **Deep Space Network - Communicating Through Space (Revised Version)**

Begins with a brief on-camera intro of mission control by engineer, Dave Linick; followed by an overview of the Deep Space Network (DSN) as told by members of the DSN. For use in the Space Flight Operations Facility visitors gallery.

Audience: Gen. Site: JPL

Client: Shirley Wolff

Master: DVCPRO25 Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

05/12/2005 - 0:04:16 Producer: Savona

AVC-2005-111-1/1 **NASA Administrator Michael Griffin Testimony to Senate Subcommittee**

Session of the Senate Appropriations Subcommittee Hearing on Justice, Commerce and Science. Administrator Michael Griffin gave an overview of NASA's FY 2006 budget, as well as specific program funding.

Audience: NASA Site: U.S. Senate

Client: Blaine Baggett, Org. 1800

Master: DVD Closed Caption

Audio 1: Mono mix 2: Mono mix

Note: missing first 3 minutes

05/12/2005 - 1:26:00 Producer: NASA HQ (Bridges)

AVC-2005-112-1/1 **SIM PlanetQuest: A Few Words with NASA Scientists**
Members of the SIM PlanetQuest team tell the story of SIM and what it will be able to do.
Identical to AVC-2003-069, but with new title to reflect change in mission name.
Audience: Gen.
Client: Randy Jackson
Master: DVCPRO50
Audio 1: Stereo 2: Stereo AVC-2003-069
05/11/2005 - 0:04:15 Producer: Kline

AVC-2005-114-1/1 **NASA's CloudSat Spacecraft Arrives at Launch Site- Video File**
A NASA spacecraft designed to reveal the inner secrets of Earth's clouds arrived at Vandenburg Air Force Base, Calif., to begin final preparations for launch later this year.
Audience: News Resource
Client: Buis
Master: DVCPRO25 Submaster: DVCPRO25
Audio 1: Mono mix / 2: Mono mix
05/16/2005 - 0:07:55 Producer: Ford

AVC-2005-115-1/1 **LA's "Big Squeeze" Continues, Straining Earthquake Faults- VF**
New NASA research confirms that Northern metropolitan L.A. is being squeezed at a rate of 0.2 inches a year. NASA researcher set out to distinguish motion induced by human activity and those generated by movements of Earth's tectonic plates.
Audience: News Resource
Client: Buis
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
05/17/2005 - 0:06:53 Producer: Ford

AVC-2005-117-1/1 **von Kármán Lecture: Spirit and Opportunity: Field Geology on Mars**

Presented by Dr. Joy Crisp, JPL Mars Exploration Rover Project Scientist

The twin rovers-Spirit and Opportunity have been investigating two different landing sites, discovering the past geologic activity on Mars. Dr. Crisp summarized the most important findings.

Audience: Gen. Site: von Kármán Aud

Client: Public Services, Org. 1840

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

05/19/2005 - 1:20:05 Producer: Hardine

AVC-2005-119-1/1 **MER's Opportunity Struggles; Spirit Clues in on Past - Video File**

NASA's Mars Rover Opportunity has been making inch-by inch progress at getting out of a sand dune where it has been for more than three weeks, while its twin, Spirit, has been busy finding new clues to a wet and violent past on Mars.

Includes: real image animation and interview.

Audience: News Resource Site: JPL

Client: NASA TV/Webster

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

05/23/2005 - 0:03:44 Producer: Savona

AVC-2005-120-1/1 **NASA/JPL 7th Annual Small Business Round Table Conference**

Moderator: Art Duran, Business Opportunity Office

NASA Welcome: Doe Huff, NASA Management Office, JPL

SBA Welcome: Leonard Manzanares, Small Business Admin.

JPL Welcome: Tom May, Business Opportunities Office

Panelists: Jonnie Jones, Lockheed Martin Information Tech,

Dale Balock, ITT Industries, Mike Olsen, Computer Sciences

Corp., Tom Soderstrom, Raytheon Technical Services, Dan

Zormeir, Northrop Grumman IT

NASA Headquarters OSDBU Overview: Lamont Hames, Chief of

Staff/Program Manager for Science, NASA Office of Small and

Disadvantaged Business Utilization (OSDBU)

Audience: Gen. Tech. Site: von Kármán Aud

Client: Art Duran

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

05/24/2005 - 2:37:30 Producer: Hardine

AVC-2005-122-1/1 **NASA Administrator Mike Griffin Chats with the Media at JPL**

Newly appointed NASA Administrator Mike Griffin fields questions from media.

Audience: News Resource

Site: von Kármán Aud

Client: Directors Office, Org. 1000
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
05/25/2005 - 0:29:46 Producer: Savona

AVC-2005-124-1/1 **Spitzer Captures Fruits of Massive Stars' Labors - Video File**

A new image from NASA's Spitzer Space Telescope illustrates how monstrous stars spawned a diverse community of stars.

The striking picture reveals an eclectic mix of embryonic stars living in the area of one of the most massive stars-Eta Carinae

Includes: 22 seconds of Spitzer animation

Audience: News Resource Site: JPL

Client: NASA TV/Hill

Master: DVCPRO25 Submaster: DVCPRO25

Audio 1: Silent 2: Silent

05/27/2005 - 0:02:52 Producer: Savona

AVC-2005-125-1/1 **NASA's Space Eyes Hone in on Deep Impact Target - Video File**

On the Fourth of July (Easter Time), NASA's Deep Impact Spacecraft attempts an extraordinarily daring encounter with comet Tempel 1. NASA's Spitzer Space Telescope and Hubble Space Telescope came up with the best estimates of the comet's size, shape, etc., to help hit its target.

Audience: News Resource Site: JPL

Client: NASA TV/Hill

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Silent 2: Silent

06/01/2005 - 0:02:57 Producer: Savona

AVC-2005-126-1/1 **NASA S/C Measures Unusual 2005 Arctic Ozone Conditions - VidFile AURA**

Despite near-record levels of chemical ozone destruction in the Arctic this winter, observations from NASA's Aura spacecraft show other atmospheric processes restored ozone amounts to near average and stopped high levels of harmful ultraviolet radiation from reaching Earth's surface. Two of Aura's four instruments - the Microwave Limb Sounder and the Ozone Monitoring Instrument - contributed to the analysis. Animation illustrates the interaction between temperatures and various chemicals involved in ozone destruction during the 2004-2005 Arctic winter, created from data from Aura's Microwave Limb Sounder. Red is high; blue/purple is low. Maps from the same instrument depict changes in concentrations of hydrogen chloride, chlorine monoxide and ozone for selected days during that winter.

Imagery from Aura's Ozone Monitoring Instrument depicts monthly average levels of ozone over the Arctic in January and March 2005.

Animation of the Aura spacecraft.

Video of NASA's Polar Aura Validation Experiment, an airborne laboratory carried aboard a NASA DC-8 aircraft. The experiment flew underneath Aura as it passed over the Arctic polar vortex during flights in January and February 2005, providing independent confirmation of Arctic ozone data obtained by Aura.

Interview excerpts: Dr. Gloria Manney, senior research scientist, JPL.

For more info: <http://aura.gsfc.nasa.gov/>

Audience: JPL NASA News

Client: Buis

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

06/02/2005 - 0:08:21 Producer: Ford/Kline

AVC-2005-129-1/1 **NASA's Day of the Comet - Deep Impact Video File**
NASA's Deep Impact spacecraft will get up-close-and-personal with comet Tempel 1 on July 4. Included: interview with Rick Grammier, animations of the mission, testing, assembly, how to find the comet in the night sky, mission support area during encounter simulation.
Audience: News Resource
Client: Agle
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
06/06/2005 - 0:10:18 Producer: Kline

AVC-2005-130-1/1 **Opportunity Rover on the Move Again - Video File**
The Mars rover Opportunity is now free from a Martian sand dune after nearly 5 week of work by engineers at NASA's Jet Propulsion Laboratory. Included: movie of "drive-away" from front & rear hazard avoidance cameras and movies of individual rover wheels during pre-escape maneuvering.
Audience: News Resource
Client: Godwin
Master: DVCPRO50
Audio 1: MOS 2: MOS
06/06/2005 - 0:04:09 Producer: Kline

AVC-2005-131-1/1 **Spitzer Captures Echo of Dead Star's Rumbles Video File & Web Video**
NASA's Spitzer Space Telescope, using its infrared eyes, has

spotted an enormous light echo etched in the sky by the dead star Cassiopeia A. As recently as 50 years ago, Cassiopeia A shot out at least one burst of energy. Includes: images/animation, interview and 45 sec., narrated web video
Audience: News Resource Site: JPL
Client: NASA TV/Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/08/2005 - 0:05:40 Producer: Savona

AVC-2005-132-1/1 **Scientists Discover Possible Titan Volcano- Video File/Web Feature**

A recent flyby of Saturn's hazy moon Titan by the Cassini spacecraft has revealed evidence of a possible volcano which could be a source of methane in Titan's atmosphere. Infrared images show a circular feature roughly 19 miles in diameter with overlapping layers of materials from series of flows. Scientist's interpret the feature as an "icy volcano", a dome feature of upwelling plumes that release methane into Titan's atmosphere.
Interviews: Dr. Bonnie Buratti, JPL Scientist.
1:03 Web feature follows the video file.
Audience: News Resource
Client: Martinez
Master: DVCPro25 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
1:03 Web feature follows the video file.
06/08/2005 - 0:08:07 Producer: Ford/Savona

AVC-2005-133-1/1 **Dr. Ed Stone Lecture - Voyager 1**

VTV-1059 "Voyager 1" Dr. Stone discusses Voyager 1 which has entered the final lap on its race to the edge of interstellar space as it has crossed the elusive termination shock and has begun exploring the solar system's final frontier.
Audience: Gen. Site: von Kármán Aud.
Client: Andrea Angrum
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
06/09/2005 - 0:48:11 Producer: Hardine

AVC-2005-134-1/1 **Deep Impact News Conference**

Participants:
Delores Beasley, Moderator, HQ;
Andrew Dantzler, Solar System Division Director, HQ;
Rick Grammier, Project Manager, JPL;
Michael A'Hearn, Principal Investigator, JPL;

Don Yeomans, Co-Investigator, JPL.
Audience: JPL News Resource Site: NASA HQ
Client:
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
06/09/2005 - 0:44:00 Producer: HQ

AVC-2005-137-1/1 **von Kármán Lecture Series- "A Bipolar Year: ..."**
"A Bipolar Year: What We Can Learn About Looking for Life on
Other Planets By Working in Cold Deserts"
Presented by Dr. Pamela Conrad, JPL Research Scientist.
In the space of one year we have been to the Arctic and the
Antarctic, using our life-detection instruments to measure
the evidence of life that lives in rock. We've learned lots
about how life operates in these environments, what evidence
it leaves behind, and how our instruments perform in cold,
dry environments. Forget those diet plans - try the extreme
environment astrobiology plan and become both leaner and
even more curious about life at both the top and the bottom
of the world!
Audience: Gen. Site: von Kármán Aud.
Client: Public Services, Org. 183
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
06/16/2005 - 0:58:00 Producer: Hardine

AVC-2005-138-1/1 **Live for the Moment Strategy - Deep Impact**
Dave Spencer, Mission Manager for Deep Impact, talks about
the sequence of events in last 24 hours before the
spacecraft's impactor encounters Comet Tempel 1.
Audience: Gen. Site: JPL
Client: Blaine Baggett
Master: BCAMsp
Audio 1: Stereo 2: Stereo
06/19/2005 - 0:03:56 Producer: Semerano

AVC-2005-142-1/1 **A Comet Impact Simulation - Deep Impact**
Dr. Peter Schultz of Brown University demonstrates how
craters simulated in a laboratory on Earth may help tell us
what comets are made of when compared to information the
Deep Impact Mission is expected to gather when in encounters
Comet Tempel 1.
Audience: Gen. JPL Resource Site: JPL
Client: Agle
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix

06/29/2005 - 0:02:55 Producer: Semerano

AVC-2005-143-1/1 **Mars Express Radar Ready to Work - Video File**
Mars Advanced Radar for Subsurface and Ionosphere Sounding(MARSIS),aboard ESA's Mars Express Orbiter, the first radar instrument for looking below the surface of Mars has been checked and deployed, and is ready to start looking for underground layers holding ice or water. MARSIS is funded by NASA/ASI.

Audience: Gen. News Resource

Client: Webster

Master: DVCPro50 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

06/24/2005 - 0:08:09 Producer: Ford

AVC-2005-144-1/1 **NASA Spacecraft Preps for Fireworks - Video File - Deep Impact**

Deep Impact is scheduled to impact Comet Tempel 1 on July 4.

Included: animations of mission highlights, trajectory plot, evolution of a comet, interview with Rick Grammier, testing, assembly, mission support area during encounter simulation.

Audience: Gen. News

Client: NASA TV/Agle

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

07/01/2005 - 0:11:11 Producer: Ford/Kline

AVC-2005-145-1/1 **Deep Impact Pre-Impact Mission Engineering Briefing, 7/1/05, 10AM**

Intro: Natalie Goodwin, Media Relations, Rep.

Participants:

Lindley Johnson, Project Executive, NASA HQ;

Rick Grammier, Deep Impact Project Manager, JPL;

Monte Henderson, Ball Deep Impact Program Manager, Ball Aerospace & Technology Corp.;

Dave Spencer, Deep Impact Mission Manager, JPL; Jennifer Rocca, Systems Engineer, JPL.

Audience: News

Site: von Kármán Aud

Client: MRO, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

07/01/2005 - 0:46:50 Producer: Savona

AVC-2005-148-1/1 **Deep Impact Pre-Impact Briefing, 7/3/05, 11AM**

Intro: Natalie Godwin, Media Relations Rep.

Panelists: Andy Dantzer-Director, Solar System Division, NASA HQ.;

Rick Grammier-Deep Impact Manager, JPL;

Dr. Mike A'Hearn-Principal Investigator, University of Maryland;
Jennifer Rocca-Deep Impact Systems Engineer, JPL.
Audience: News Resource Site: von Kármán Aud
Client: Media Relations, Org. 1810
Master: DVCPro25 Closed Caption
Audio 1: Mono mix 2: Mono mix
07/03/2005 - 0:59:40 Producer: Savona

AVC-2005-149-1/2 **Deep Impact Commentary, 7/3/05, 8:30PM Pacific Time**
Commentator Gay Yee Hill, JPL Media Relations Interviews with Mike A'Hearn-Principal Investigator, University of Maryland
Dave Spencer-Mission Operations Manager
David Southwood
Rick Grammier-Deep Impact Project Manager
Chris Jones-Director of Planetary Flight Projects
Don Yeomans-Co-Investigator, JPL
Al Diaz-NASA Associate Administrator Science Mission Directorate
Dr. Elachi.-Director, JPL
Audience: Gen. News Resource Site: BLDG. 230/ MSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Closed Caption
Audio 1: Mono mix 2: Mono mix
07/03/2005 - 3:01:09 Producer: Savona

AVC-2005-149-2/2 **Deep Impact Commentary, 7/3/05, 8:30PM Pacific Time**
Commentator Gay Yee Hill. Images shown and final wrap-up interview with Don Yeomans, Co-Investigator-JPL.
Audience: Gen. News Resource Site: BLDG. 230/ MSA
Client: Media Relations, Org. 1810
Master: DVCPro25 Closed Caption
Audio 1: Mono mix 2: Mono mix
07/03/2005 - 0:13:29 Producer: Savona

AVC-2005-150-1/1 **Deep Impact Hits Its Target - Video File**
NASA's Deep Impact spacecraft flawlessly completed its mission to comet Tempel 1 as its impactor spacecraft hit the comet exactly as planned while the flyby spacecraft imaged the event. Includes point-of-view movie from the impactor on its way to the comet's nucleus and reaction from the mission team.
Audience: News Resource
Client: NASA TV/Agle
Master: DVCPro50

Audio 1: Mono mix 2: Mono mix
07/04/2005 - 0:04:36 Producer: Kline

AVC-2005-151-1/1 **Deep Impact Post-Impact Briefing, 7/4/05, 1AM**
Moderator Veronica McGregor. Panelists Andy Dantzler, Rick Grammier, Keyur Patel, and Mike A'Hearn.
Audience: News Resource
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/04/2005 - 0:35:00 Producer: Savona

AVC-2005-152-1/1 **Deep Impact Briefing, 7/4/05, 11AM**
Moderator: Natalie Godwin.
Panelists: Andy Dantzler, Rick Grammier, Shyam Bhaskaran, Mike A'Hearn and Pete Shultz.
Audience: News Resource
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
07/04/2005 - 0:53:21

AVC-2005-153-1/1 **NASA's Deep Impact Generates Spectacular Photo Flash - Video File**
The impactor of NASA's Deep Space mission generated an immense flash of light when it hit comet Tempel 1 on July 4, 2005. Includes: movies of impactor's final moments, impact as seen by the flyby spacecraft and the Hubble Space Telescope and the JPL control room at the moment of success.
Audience: News Resource
Client: Agle
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/04/2005 - 0:04:02 Producer: Kline

AVC-2005-155-1/1 **Deep Impact's Success Celebrated by The Comets**
Five original members of the pioneering band Bill Haley and the Comets paid tribute to the Deep Impact team and the entire JPL staff with a noon celebratory concert at the lab on July 5, 2005. Also included: "Rock Around the Clock" video.
****DO NOT RELEASE MUSIC VIDEO AFTER JULY 10, 2005****
Audience: Gen. News Resource
Client: Baggett
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/05/2005 - 0:06:42 Producer: Kline

AVC-2005-156-1/1 **NASA Science Update - Breakthrough Discoveries on Sea Level Change**

Panelists:

--Dr. Waleed Abdalati, Head, Cryospheric Sciences Branch,
NASA's Goddard Space Flight Center, Greenbelt, Md.

--Dr. Steve Nerem, Associate Director, Colorado Center for
Astrodynamics Research, University of Colorado, Boulder,
Colo.

--Dr. Eric Rignot, research scientist for the Radar Science
and Engineering Section, NASA's Jet Propulsion Laboratory,
Pasadena, Calif.

--Dr. Laury Miller, Chief, Satellite Altimetry Laboratory,
NOAA, Washington

--Dr. Richard Alley, Evan Pugh Professor, Department of
Geosciences and EMS Environment Institute, Pennsylvania
State University, State College, Pa.

Audience: News Resource Site: NASA HQ

Client: Veronica McGregor, Org. 1870

Master: DVCPro25 Closed Caption

Audio 1: Mono mix 2: Mono mix

07/07/2005 - 0:42:53 Producer: NASA HQ

AVC-2005-159-1/1 **Cassini Images Saturn's Moon Hyperion - Video File**

The Cassini spacecraft views Saturn's moon Hyperion offering
the best look yet at one of the icy, irregularly-shaped
moons that orbit the giant, ringed planet.

Audience: News Resource

Client: NASA TV/Martinez

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Silent 2: Silent

07/11/2005 - 0:02:49 Producer: Savona

AVC-2005-160-1/1 **NASA Scientist Finds World with Triple Sunsets - Video File**

NASA-funded astronomer Dr. Maciej Konacki (MATCH-ee
Konn-ATZ-kee) has discovered a Jupiter-sized planet in a
trinary (3-stars) system. Animations: orbits and imaginary
triple sunset. Interview with Dr. Konacki.

Audience: News Resource

Client: Hill

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

07/12/2005 - 0:04:48 Producer: Kline

AVC-2005-161-1/1 **NASA Scientist Finds World with Triple Sunsets - Web Video**

NASA-funded astronomer Dr. Maciej Konacki (MATCH-ee
Konn-ATZ-kee) narrates his discovery of a Jupiter-sized

planet in a trinary (3-stars) system. Supporting animations: orbits and imaginary triple sunset.

Audience: Gen. Resource

Client: Hill

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

07/12/2005 - 0:01:30 Producer: Kline

AVC-2005-162-1/1 **NASA's New Mars Orbiter Will Sharpen Vision of Exploration VF MRO**

NASA's next mission to Mars is the Mars Reconnaissance Orbiter. Animation of the mission (long & short versions). Interview with Dr. Richard Zurek, MRO Project Scientist, JPL. Animation showing MRO instruments. B-roll of work on the Spacecraft at Kennedy Space Center, Fla.

Audience: News Resource

Client: Webster

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

07/18/2005 - 0:11:49 Producer: Kline

AVC-2005-164-1/1 **Mars Reconnaissance Orbiter Briefing from NASA HQ**

Discussion of the upcoming launch of JPL's Mars Reconnaissance Orbiter. Launch opportunities for MRO will begin August 10, 2005. The mission will examine the mysterious red planet in unprecedented detail.

Participants:

James Graf, MRO Proj. Manager, JPL;

Richard Zurek, MRO Project Scientist, JPL;

Douglas McCuistion, NASA Mars Exploration Program Director, Science Mission Directorate;

Michael Meyer, Mars Exploration Program Chief Scientist, Science Mission Directorate-NASA.

Audience: News Resource

Site: NASA HQ

Client:

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix

07/21/2005 - 0:41:20 Producer: NASA HG (Borst)

AVC-2005-166-1/1 **Deep Impact: Cratering a Comet to Release our Past**

von Kármán Lecture Series -

Presented by Dr. Don Yeomans, Manager of the Near Earth Object Program Office

Comets are time capsules that hold clues to the formation of the solar system. The Deep Impact mission will probe beneath the surface of Comet Tempel 1 and for the first time, give

us a look at the frozen secrets in its interior. In July of 2005, a flyby observing spacecraft will release a second impactor spacecraft into the path of the comet. The resulting crater from this impact could be as large as a football coliseum. Scientists look forward to recording data on both the ice and dust debris ejected from the comet as well as the way in which the crater forms. Observation from the impactor, the flyby spacecraft and telescopes on Earth will be sent to the science team in near real time and combined to answer questions about the structure of comets and our solar system's past.

Audience: Gen. Site: von Kármán Aud
Client: Public Services, Org. 1840
Master: DVCPro25 Closed Caption
Audio 1: Mono mix 2: Mono mix
07/21/2005 - 1:24:00 Producer: Hardine

AVC-2005-167-1/1 **Cassini Finds Recent, Unusual Geology on Enceladus - Video File**

New detailed images taken by NASA's Cassini spacecraft of the south polar region of Saturn's moon Enceladus. Objects as small as 4 meters are detectable. Interview with Dr. Torrence Johnson, Cassini imaging team member. Animation of Cassini spacecraft in orbit around Saturn.

Audience: News Resource
Client: Martinez, Org. 187
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/25/2005 - 0:05:55 Producer: Kline

AVC-2005-170-1/1 **NASA-funded Planetary Scientists Discover Tenth Planet -Video File/Web**

A new planet, as large as or larger than Pluto, has been discovered in the outlying regions of our solar system. Interview with Dr. Mike Brown of Caltech. Series of stills used in the discovery. Artist's concept of the new planet. (5:01, followed by 10-sec black, then 1:44 web video)

Audience: News
Client: Platt
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/29/2005 - 0:06:55 Producer: Kline

AVC-2005-171-1/1 **Mars Reconnaissance Orbiter Highlights II**

Highlights of the Mars Reconnaissance Orbiter (MRO) being transported from Lockheed Martin Space Science Facility to Cape Canaveral and reassembled in the Payload Hazardous

Servicing Facility at Kennedy Space Center.
Audience: News Resource
Client: Viotti, Org. 1861
Master: DVCPProHD
Audio 1: Mono mix 2: Mono mix
07/29/2005 - 0:18:47 Producer: Passaniti

AVC-2005-172-1/1 **Imagine Mars Webcast: Neighborhood Networks Get Involved**

Moderator: Stephanie Lievens, JPL's Imagine Mars Team Leader

Neighborhood Networks are technology centers within Housing and Urban Development housing complexes. They provide residents with computer access, training and educational programming.

Participants: These two volunteered to help the students complete their projects. Kobie Boykins, Mechanical Engineer/JPL, Geoff Lake, Engineering student/Univ. Colorado at Boulder. Josh, Freddie, Destiny/students from a local Neighborhood Network who helped build community Silver Rockets and build Life on Mars.

Audience: Edu. Site: JPL TV Studio

Client: Stephanie Lievens

Master: DVCPPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

08/04/2005 - 0:47:00 Producer: Hardine

AVC-2005-173-1/1 **Cassini Flies By Saturn's Tortured Moon Mimas - Video File**

The Aug. 2 flyby of Saturn's moon Mimas, possibly the most heavily-cratered in the Saturn system, returned images of the 87-mile-diameter Herschel crater, Mimas' most distinctive feature. Included are stills, a movie made from images taken during the flyby and animation of the Cassini spacecraft.

Audience: News Resource

Client: Martinez

Master: DVCPPro50

Audio 1: MOS 2: MOS

08/05/2005 - 0:03:13 Producer: Kline

AVC-2005-174-1/1 **Mars Reconnaissance Orbiter (MRO) Mission Briefing**

Moderated by George Diller. Panelists:

Doug McCuiston

Chuck Dovale

Mike Jensen

Jim Graf

Clay Flinn

Audience: News Resource Site: NASA-TV
Client: MRO
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/08/2005 - 0:38:00 Producer: KSC

AVC-2005-175-1/1 **Mars Reconnaissance Orbiter (MRO) Science Briefing**
Moderator: George Diller-NASA Public Affairs
Panelists: Michael Meyer, Richard Zurek, Alfred McEwen,
Scott Murchie, Enrico Flamini
Audience: News Resource Site: NASA-TV
Client: MRO
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/08/2005 - 0:36:30 Producer: KSC

AVC-2005-177-1/1 **Mars Reconnaissance Orbiter (MRO) Post Launch Press Conference**
Moderator: George Diller - NASA Public Affairs
Panelists:
Orlando Figueroa - NASA Deputy Associate Administrator,
Science Mission Directorate;
Jim Graf - MRO Project Manager, JPL;
Howard Eisen - MRO Flight Systems Manager, JPL;
Keven Mc Neill - MRO Program Manager/Lockheed Martin Space
Systems.
Audience: News Resource Site: KSC
Client: Veronica McGregor
Master: DVCPro25 Submaster: BCAMsp
Audio 1: Mono mix 2: Mono mix
08/12/2005 - 0:36:54 Producer: KSC (Hanchett)

AVC-2005-179-1/1 **Mars Reconnaissance Orbiter (MRO) Launch Coverage**
Includes multi camera angles of MRO atop the Atlas V-401
rocket on launch pad 41 at Cape Canaveral.
Lift-off, mission control, and various animations are also
included.
Audience: Gen. News Resource Site: KSC
Client: Media Relations, Org. 187
Master: BCAMsp Submaster: DVD
Audio 1: Mono mix 2: Mono mix
08/12/1905 - 1:30:00 Producer: KSC

AVC-2005-181-1/1 **Technology of Tomorrow Today: An Overview of Space Technology
Spin-Off**
von Kármán Lecture Series -
Introduction by: Mark Razze of Public Services Office at JPL

he next time you pick up a cordless tool or look up at your satellite dish, will you think of NASA? Perhaps not, but chances are that you are enjoying one of the many benefits of technologies developed as a result of space exploration. Infrared sensors designed to remotely measure the temperature of planets and stars are being used for early detection of breast cancer and for measuring body temperature. JPL's Global Positioning System (GPS) software and receiver technologies are used in monitoring millimeter-level tectonic plate motion and large-scale tracking of airplanes. This talk focused on the brilliant innovations of JPL technologists that have improved the quality of our lives and in some cases changed them greatly.

Audience: Gen. Site: von Kármán Aud
Client: Public Services, Org. 1840
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
08/18/2005 - 1:00:01 Producer: Hardine

AVC-2005-182-1/1 **NASA/NOAA Announce Major Weather Forecasting Advancement - Video File**

3-D weather forecasting data provided by the AIRS instrument has been incorporated into the National Weather Services forecasting models and has improved the accuracy of medium-range weather in the Northern Hemisphere by four percent. This type of improvement typically takes years to achieve.

Audience: News Resource
Client: Buis, Org. 187
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
08/23/2005 - 0:06:38 Producer: Ford

AVC-2005-184-1/1 **Spitzer's Second Year Anniversary - Web Production**

Celebrates Spitzer's second year anniversary with key remarks from Vikki Meadows and Thomas Soifer. The Space Infrared Telescope Facility was launched on-board a Delta-2 rocket on August 25, 2003 to detect planetary bodies orbiting stars by imaging through dust in the infrared wavelength.

Audience: Gen.
Client: Gay Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/25/2005 - 0:02:57 Producer: Gary Savona

- AVC-2005-187-1/1 **Summit Climb on Mars Yields New Views from NASA's Durable Spirit - VF**
NASA's Mars Exploration Rover Spirit has climbed to the top of a range of hills that appeared impossibly distant from the rover's landing site. Included: pan of view from top of hills; interview with Chris Leger ("le-ZHAY"), Rover Planner, JPL; animation demos of visualization software.
Audience: News Resource
Client: Webster
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
08/31/2005 - 0:08:17 Producer: Kline
- AVC-2005-188-1/1 **Mars Exploration Rover (MER) "Spirit" News Briefing**
Participants: Douglas McCuiston- NASA MER Prog. Dir., Science Mission Directorate, Washington, DC
Chris Leger-Rover Planner, JPL
Jacob Matijevic-MER Engineering Team Chief, JPL
Dr. Steve Squyres-PI MER Science Payload, Cornell
Ray Arvidson-Dep. PI MER, Washington Univ.
Audience: News Resource Site: NASA HQ
Client: Veronica McGregor, Org. 1810
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/01/2005 - 0:58:44 Producer: NASA HQ (Borst)
- AVC-2005-189-1/1 **Cassini Shows Saturn Rings in New Detail - Video File**
Cassini scientists studying Saturn's rings have detected several new findings that further our knowledge of how this system continues to evolve.
Audience: NASA Site: JPL
Client: NASA TV/Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Silent 2: Silent
09/02/2005 - 0:03:51 Producer: Doherty
- AVC-2005-192-1/1 **Cassini Radar Images Show Dramatic Shoreline on Titan - Video File**
Images returned during Cassini's recent flyby of Titan show evidence for a large shoreline cutting across the southern hemisphere. Hints that the area was once or is currently wet are evident.
Audience: News Resource
Client: Martinez, Org. 187
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/13/2005 - 0:03:13 Producer: Doherty

- AVC-2005-193-1/1 **Light Through Clouds: CloudSat & CALIPSO - Video File**
Engineers and scientists designed CloudSat and CALIPSO to deliver the data needed by scientists to provide a new understanding of how clouds and aerosols affect the weather and climate.
TRT - 46:00 (Telestreamed from Goddard)
Video File - 16:00; Resource footage - 30:00
Audience: News Resource
Client: NASA TV/Buis, Org. 187
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
Co-produced with Goddard Space Flight Center
09/14/2005 - 0:16:00 Producer: Savona & GSFC
- AVC-2005-195-1/1 **CloudSat Pre-Launch Press Briefing**
Pre-launch press briefing from NASA HQ. Panelists include Dr. Steve Volz, NASA CloudSat-CALIPSO program exec.; Dr. Don Anderson, NASA CloudSat-Calipso Program Scientist; Dr. David Winker, Calipso Principle Investigator; Dr. Graeme Stephens, CloudSat Principle Investigator.
Audience: News Resource Site: HQ
Client: Media Relation
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
09/15/2005 - 0:45:20 Producer: NASA HQ (Hanchett)
- AVC-2005-196-1/1 **von Kármán Lecture Series- "Exploring Mars"**
Presented by Daniel McCleese
JPL, Chief Scientist, Mars Exploration Program.
In less than a decade, six robotic spacecraft, one lander, two rovers, and three orbiters have explored the atmosphere, surface, and interior of the planet Mars. Among the highlights of over 40 years of Mars exploration are the Mars Exploration Rovers, conducting extremely successful investigations of sites postulated to have been covered by liquid water long ago. Spirit and Opportunity have returned data that point to a past very different from the cold, arid Martian landscape that we see today. Building upon these and earlier findings, NASA is returning to the planet with the recently launched Mars Reconnaissance Orbiter. In 2007, a lander will examine subsurface ice in the northern polar region, and in 2009 a large rover carrying a payload of laboratory instruments will search for ancient habitable environments. This lecture focuses on our emerging understanding of Mars and NASA strategies for future

exploration.

Audience: Gen.

Site: von Kármán Aud

Client: PSO, Org. 184

Master: DVCPPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

09/15/1905 - 1:17:00 Producer: Hardine

AVC-2005-197-1/1 **NASA's Results of The Exploration Systems Architecture Study Conf.**

NASA Administrator Mike Griffin discusses the results of the agency's Exploration Systems Architecture Study. On Jan. 14, 2004, President Bush set a bold Vision for Space Exploration that instructed NASA to return the space shuttle to safe flight, complete the International Space Station, and develop a next-generation spacecraft to return to the moon and eventually to Mars.

The study commissioned by the administrator is the blueprint from which NASA will build future spacecraft & launch vehicles to meet the goals & objectives outlined by the President.

Audience: News Resource

Site: NASA HQ

Client: Veronica McGregor, Org. 1870

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix

09/19/2005 - 1:05:00 Producer: NASA HQ (Hanchett)

AVC-2005-198-1/1 **NASA's Mars Global Surveyor Helps Track Changes on Mars - Video File**

New gullies have appeared on a sand dune on Mars since 2002. Boulders tumbling down a hill on Mars left tracks not there two years ago. These discoveries and more have resulted from the long life of NASA's Mars Global Surveyor (MGS), which this month began its ninth year in orbit around Mars.

Audience: News Resource

Client: NASA TV/Webster

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

Web Movie follows Additional B-Roll portion

09/19/2005 - 0:16:00 Producer: Savona

AVC-2005-199-1/1 **NASA Takes A Giant Step Toward Finding Earth-Like Planets - Video File**

A "nulling" instrument on the Keck Interferometer will help find Earth-like planets around other "suns." JPL's Dr. James Fanson is interviewed. Animation demonstrates the effect of nulling. Scenes of the Keck telescope.

Audience: News Resource

Client: Platt
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
09/26/2005 - 0:05:06 Producer: Kline

AVC-2005-200-1/1 **MER Project: "Stealing Success from the Jaws of Failure"**
Rob Manning discusses some of the hard systems engineering lessons learned in developing the Mars Exploration Rovers (MER).
Audience: JPL NASA Site: von Kármán Aud.
Client: Margaret Burns
Master: DVCPPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
CL#05-2989, valid for U.S. and foreign release
09/23/2005 - 0:43:50 Producer: Savona

AVC-2005-202-1/1 **Keck Interferometer: Not Blinded by the Light -- Web Video**
Dr. James Fanson, Keck Interferometer Program Manager, describes how light from the two Keck Telescopes is combined and "nulled" to allow study of areas around a star normally lost in the star's glare. Scenes of Keck (Mauna Kea, Hawaii) and animations of Keck operation and a future mission, Terrestrial Planet Finder.
Audience: News Resource Site:
Client: , Org. 187
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
09/27/2005 - 0:01:23 Producer: Kline

AVC-2005-204-1/1 **Cassini's Doubleheader Flybys Score Home Run - Video File**
Cassini performed back-to-back flybys of Saturn's moon Tethys (Sept. 24) and Hyperion (Sept. 26). Includes stills of both moons, movie of Hyperion flyby and animation of the Cassini spacecraft in orbit around Saturn.
Audience: News Resource
Client: Martinez, Org. 187
Master: DVCPPro50
Audio 1: MOS 2: MOS
09/30/2005 - 0:04:59 Producer: Kline

AVC-2005-206-1/1 **Cassini's Flyby Doubleheader - Web Video**
Cassini performed back-to-back flybys of Saturn's moons Tethys (Sept. 24) and Hyperion (Sept. 26). Stills of both moons, flyby movie of Hyperion, animation of Cassini spacecraft in orbit around Saturn.
Audience: Gen.

Client: Martinez/Platt
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
09/30/2005 - 0:01:04 Producer: Kline

AVC-2005-207-1/1 **The Challenges of Getting to Mars: Launch Logistics**
Documentary footage, interviews, animation and music tell the story of some of the logistical challenges leading up to the launch of the Mars Reconnaissance Orbiter. Features interviews with Tracy Drain, Clay Flinn, Chuck Dovale, Jim Graf and Tammy Harrington.
Audience: Gen. Site: KSC/JPL
Client: Viotti
Master: DVCPProLP
Audio 1: Mono mix 2: Mono mix
HD production
10/05/2005 - 0:04:00 Producer: Hulme

AVC-2005-209-1/1 **NASA Business Advocates Awards**
Lamont Hames-Chief of Staff, NASA Small Business Moderated and Ralph C. Thomas III-Assistant Admin. NASA Small Business, introduced Mike Griffin-NASA Admin., gave out awards to: Robert Medina-Small Business Specialist, DFRC; Eric Clark-Electrical engineer, GRC; Jeffery Jackson-Contracts Specialists, MSFC; Sandra Johnson-Pres. Barrios Tech., LTD.; Jorge Hernandez-Pres. Bastion Tech., Inc., Enrique Tessada-Pres. & CEO, Tessada & Associates, Inc.
Audience: JPL NASA Site: NASA HQ
Client: Art Duran
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
09/14/2005 - 1:08:00 Producer: NASA HQ

AVC-2005-214-1/1 **Ulysses 15th Anniversary - Web Video**
The Ulysses mission to the Sun was launched Oct. 6, 1990. Fifteen years of discoveries are discussed and illustrated by animations.
Dr. Edward Smith, Ulysses Project Scientist, and Ed Massey, Ulysses Project Manager, are featured.
Audience: Gen. Resource
Client: Susan Watanabe
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
10/07/2005 - 0:03:05 Producer: Kline

AVC-2005-215-1/1 **Lady in Red: Andromeda Galaxy Shines in Spitzer's Eyes - Video File**

The Spitzer Space Telescope's infrared view of Messier 31, the Andromeda galaxy, reveals an off-centered ring of star formation and a hole in the galaxy's spiral arms. Quote from Dr. George Rieke, Spitzer Space Telescope Scientist. Animation of Spitzer Telescope in space.

Audience: News Resource

Client: Hill, Org. 187

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

10/12/2005 - 0:04:38 Producer: Kline

AVC-2005-216-1/1 **von Kármán Lecture Series: "Looking at Clouds from Both Sides"**

Dr. Graeme Stephens, CloudSat Principal Investigator, describes cloud research in the context of other human activities, notably art and literature, and reflects on the study of clouds in the modern science of meteorology. First results from a NASA satellite mission to be launched in May 2005, CloudSat, will show views of clouds as never seen before.

Audience: Gen.

Site: von Kármán Aud.

Client: Public Service Off.

Master: DVCPPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

10/13/2005 - 1:02:00 Producer: Hanchett

AVC-2005-217-1/1 **Cassini Views Dione, a Frigid Ice World - Video File**

The Cassini spacecraft came within 310 miles of the surface of Saturn's moon Dione ("dee-OH-nee") on Oct. 11, 2005.

Still of Dione with Saturn behind it. Zooms into Dione's landscape. Animation of Cassini spacecraft at Saturn.

Audience: News Resource

Client: Martinez

Master: DVCPPro50

Audio 1: MOS 2: MOS

10/17/2005 - 0:03:51 Producer: Kline

AVC-2005-218-1/1 **Saturn's Dione: A Frigid Ice World - Web Video**

The Cassini spacecraft came within 310 miles of the surface of Saturn's moon Dione ("dee-OH-nee") on Oct. 11, 2005.

Narrated, featuring: Still of Dione with Saturn behind it. Zooms into Dione's landscape. Image of Saturn's moon Telesto. Animation of Cassini spacecraft at Saturn.

Audience: Gen.

Client: Martinez

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

10/19/2005 - 0:01:02 Producer: Kline

AVC-2005-221-1/1 **Spooky Space Sounds - Web Video - Halloween**
Data collected by NASA spacecraft has been converted to sound files. Several of these are played with images of planets and moons. Narrated. TWO VERSIONS: Identical except for the ending URL. First ends with JPL URL; second ends with NASA URL.
Audience: Gen.
Client: Susan Watanabe
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
10/28/2005 - 0:04:28 Producer: Kline

AVC-2005-227-1/1 **Spitzer Captures Cosmic Mountains of Creation - Video File**
A new image from NASA's Spitzer Space Telescope reveals mountains of dust ablaze with young stars. The infrared view resembles Hubble Space Telescope's 1995 image "Pillars of Creation." Interview with Dr. Lori Allen, Spitzer Space Telescope scientist. Includes animation of Spitzer in space.
Audience: News Resource
Client: Gay Yee Hill
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/08/2005 - 0:05:48 Producer: Doherty

AVC-2005-228-1/1 **Venus Express Launch**
Launch of ESA spacecraft from Balkonur Cosmodrome in Kazakhstan.
Includes interviews by Martin Ransom of Paolo Ferri, François Maroquene, Jean-Yves Le Gall, Olivier Witasse,
Audience: News Resource Site: Russia
Client: Thomas Thompson
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
11/08/2005 - 0:42:30 Producer: TVRO

AVC-2005-231-1/1 **Mountains of Creation - Web Video**
NASA's Spitzer Space Telescope sees infrared images of warm dust in the Perseus constellation that has similarities to Hubble's 1995 visible light image "Pillars of Creation." Dr. Lori Allen of the Harvard-Smithsonian Center for Astrophysics explains how and why these images form.
Audience: Gen. Edu.
Client: G. Y. Hill

Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
11/10/2005 - 0:02:12 Producer: Doherty

AVC-2005-232-1/1 **von Kármán Lecture Series: "From Darkness to Light...Planet Pluto"**

"From Darkness to Light: The Exploration of the Planet Pluto" Presented by Dr. Bonnie Buratti, principle investigator and science team member for the New Horizons Mission to Pluto. She discusses the exploration of the planet Pluto. Pluto is the only planet not yet explored by a spacecraft.

Audience: Gen. Site: von Kármán Aud.
Client: PSO

Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
11/17/2005 - 1:06:30 Producer: Hardine

AVC-2005-233-1/1 **Mars Express Radar Unveils Depths - Video File**

The Mars Advanced Radar for Subsurface and Ionosphere Sounding on the European Space Agency's Mars Express orbiter is the first instrument to look below the surface of Mars. Animation of radar instrument in operation. Stills of radar images and maps showing where they were made.

Audience: News Resource
Client: Webster

Master: DVCPro50
Audio 1: MOS 2: MOS
11/29/2005 - 0:03:15 Producer: Kline

AVC-2005-234-1/2 **JPL Annual Invention Challenge: 2005 - Strike A Match Contest**
1064

Twenty-five student teams joined seven JPL teams in the Strike A Match Contest, 2005 version of the Invention Challenge.

Teams created devices that utilize at least three different sequential and dependent actions from three different energy categories that will ultimately light a wooden stick match exactly 20 seconds after starting the device. The winner of the contest is the team whose device accumulates the highest point total.

Audience: Gen. Site: JPL 180 Mall
Client: Paul MacNeil

Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
12/02/2005 - 1:50:00 Producer: Bridges

AVC-2005-235-1/1 **Cassini's Photo Album from a Season of Icy Moons - Video File**

New views of Saturn's moons: Enceladus, Dione, Rhea, Hyperion and Iapetus. Movies: icy jets of Enceladus, Iapetus zoom-in, Hyperion flyby with extreme close-ups. Other moons are shown as stills. Animation: Cassini spacecraft at Saturn.

Audience: News Resource

Client: Martinez

Master: DVCPRO50

Audio 1: MOS 2: MOS

12/06/2005 - 0:05:39 Producer: Kline

AVC-2005-236-1/1 **NASA's Long-Lived Rovers Beginning Second Martian Year- Video File**

Spirit and Opportunity have successfully explored the surface of Mars for a full Martian year (687 Earth days or 22 months). The geological information collected by the rovers add evidence about ancient Martian environments that included periods of wet, possibly habitable conditions.

Audience: News Resource

Client: Webster

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

12/06/2005 - 0:06:47 Producer: Ford

AVC-2005-238-1/1 **von Kármán Lecture Series: "Exploring the Infrared Universe"**

Dr. Michael Werner, Spitzer Space Telescope Project Scientist presented the latest scientific results from Spitzer. He described its remarkable technology, and summarized NASA's plans for continuing exploration at infrared wavelengths.

Audience: Gen. Site: von Kármán Aud

Client: Blaine Baggett, Org. 1800

Master: DVCPRO25 Closed Caption

Audio 1: Mono mix 2: Mono mix

12/08/2005 - 1:19:00 Producer: Hardine

AVC-2005-240-1/1 **NASA's Comet Return Tale Drawing to a Close in Mid-January - VideoFile**

On Jan. 15, 2006, the sample return capsule of the Stardust mission returns to Earth. Includes animations of spacecraft, trajectories, comet encounter; mission launch in 1999, infrared images of Dec. 2005 practice at Utah Test & Training Range, cleanroom capsule-opening practice.

Audience: News Resource

Client: Agle

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

12/19/2005 - 0:08:48 Producer: Kline

AVC-2005-241-1/1

Stardust L-30 Briefing

The briefing is about the return of the Stardust capsule, which is carrying cometary and interstellar dust particles back to Earth. Participants:

Andy Dantzler - Director, Solar System Division/NASA Headquarters;

Tom Duxbury - Project Manager/JPL;

Ed Hirst - Mission System Manager/JPL;

Dr. Don Brownlee - Principal Investigator, University of Washington

Audience: News Site: NASA HQ

Client: Veronica McGregor, Org. 1870

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

12/21/2005 - 0:49:33 Producer: NASA HQ

AVC-2005-242-1/1

NASA's Topex/Poseidon Oceanography Mission Ends - Video File

The mission was planned to last 3 years; it lasted 13.

Interview excerpts: Dr. Bill Patzert, climatologist, Dr.

Lee-Lueng Fu, Topex/Poseidon Project Scientist, Mark

Fujishin, Topex/Poseidon Project Manager. Animation:

spacecraft, sea surface height 1996-2000. El Nino news coverage.

Audience: News Resource

Client: Buis/Hill

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

12/27/2005 - 0:06:46 Producer: Kline

AVC-2005-244-1/1

Durable Mars Rovers Advance Vision for Space Exploration - Video File

"Spirit's" third year of activity on Mars begins Jan. 4,

2006. Pan of descent from "Husband Hill." Movie of Spirit's

POV for its first two years. Animation: landing of a Mars

Exploration Rover. Interview excerpts: Dr. Steve Squyres and

Dr. Joy Crisp.

Dr. Steve Squyres

Principal Investigator

NASA Mars Exploration Rovers science instruments

Cornell University, Ithaca, N.Y.

Dr. Joy Crisp

Project Scientist

Mars Exploration Rovers

JPL

Audience: News Resource
Client: Webster
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/28/2005 - 0:11:58 Producer: Kline

AVC-2005-245-1/1 **Revealing Titan (web video)**
The Cassini spacecraft uses radar to see through the dense atmosphere of Saturn's moon Titan to reveal Earth-like features. Dr. Stephen Wall elaborates on these features and explains why radar is an effective tool.
Audience: Gen. Edu. JPL NASA Resource
Client: Martinez
Master: DVCPPro25 Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
12/27/2005 - 0:02:25 Producer: Doherty

AVC-2006-003-1/1 **Spitzer Captures Our Galaxy's Bustling Center - Video File**
A new infrared mosaic image from NASA's Spitzer Space Telescope offers a stunning view of the stellar hustle and bustle that takes place at our Milky Way galaxy's center.
Audience: News Resource
Client: Clavin
Master: DVCPPro25 Submaster: DVCPPro25
Audio 1: Mono mix 2: Mono mix
01/09/2006 - 0:02:58 Producer: Doherty

AVC-2006-005-1/1 **Stardust Mission Commentary Packages: Overview; EDL and Science**
Three edited packages used for the Stardust return to Earth commentary on January 15, 2006. The first package describes briefly the mission to comet Wild 2 in Jan., 2004. The second package shows the entry, descent and landing of the capsule in Utah. The last package talks about the science return.
Audience: Resource
Client: Media Relations
Master: DVCPProHD Submaster: DVCPProHD
Audio 1: Mono mix 2: Mono mix
01/11/2006 - 0:07:58 Producer: Savona

AVC-2006-006-1/1 **Stardust Pre-Return Briefing from Dugway, Utah**
Stardust mission members outline the events leading up to the final mission objective: the entry, descent and landing of the Stardust capsule carrying cometary dust particles captured in January 2004 when the spacecraft passed near comet Wild 2.

Presenters: Tom Morgan, Stardust Program Scientist; Tom Duxbury, Stardust Project Manager; Michael McGee, Recovery Operations Manager;
Dr. Don Brownlee, Stardust Principal Investigator
Audience: News Site: Dugway, Utah
Client: Media Relations
Master: DVCPro50 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/12/2006 - 0:38:25 Producer: Savona/Hardine

AVC-2006-009-1/1 **Stardust Releases Sample Return Capsule - Video File**
Infrared imagery of sample return capsule as it enters Earth's atmosphere, releases its drogue parachute and main parachute and lands. JPL mission control area reaction.
Audience: News Resource
Client: Agle
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/15/2006 - 0:03:06 Producer: Kline

AVC-2006-010-1/1 **NASA's Comet Tale Draws to a Successful Close in Utah Desert Vid File**
The Stardust sample return capsule landed in the Utah Test & Training Range in Utah on Jan. 15, 2006. Infrared imagery of landing. Recovery helicopters & on-site exam of capsule. Clean room. View of capsule's reentry from DC8. Interviews. Interviewees:
Andy Danzler, Director of NASA's Solar System Exploration Division, NASA HQ, Washington, D.C.;
Tom Duxbury, Stardust Project Manager, JPL;
Joe Vellinga, Deputy Recovery Operations Manager, Lockheed Martin Space Systems, Denver, Colo.;
Dr. Don Brownlee, Stardust Principal Investigator, University of Washington, Seattle.
Audience: News Resource
Client: Agle
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/15/2006 - 0:10:40 Producer: Kline

AVC-2006-011-1/2 **Stardust Mission Commentary Coverage from JPL of Capsule Release**
The Stardust Mission Commentary coverage from JPL and the Utah Test and Training Range where the Stardust capsule landed on January 15, 2006, after being released from the Stardust spacecraft. The coverage concludes with a successful recovery of the capsule.
Gay Yee Hill, Commentator

Nora Mainland, Stardust Mission Operations, JPL
Gentry Lee, Chief Engineer, Solar System
Exploration Flight Projects
Dr. Ken Atkins, Former Stardust Project Manager
Dr. Charles Elachi, JPL Director
Entry of capsule at 27:30 on tape.
Audience: Gen. News Resource
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2006 - 1:35:30 Producer: Savona/Hardine

AVC-2006-011-2/2 **Stardust Mission Commentary Coverage from JPL of Capsule Release**

The Stardust Mission Commentary coverage from JPL and the Utah Test and Training Range where the Stardust capsule landed on January 15, 2006, after being released from the Stardust spacecraft. The coverage concludes with a successful recovery of the capsule.
Gay Yee Hill, Commentator
Dr. Don Yeomans, Science Team Member
Commentary coverage continues at 02:11:19:00 r
Audience: Gen. News Resource Site: SFOF/Dugway UT
Client: Media Relations
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
01/15/2006 - 1:55:53 Producer: Savona/Hardine

AVC-2006-012-1/1 **Stardust Mission Post-Briefing from Dugway, Utah**

Press Briefing that followed the successful recovery of the Stardust capsule which carries dust particles from comet Wild 2.
Presenters: Andy Dantzler, Director, NASA's Solar System Exploration Division, Headquarters
Tom Duxbury, Stardust Project Manager, JPL
Joe Vellinga, Deputy Recovery Operations Manager, Lockheed Martin Space Systems
Dr. Don Brownlee, Stardust Principal Investigator, University of Washington, Seattle.
Video File follows the briefing - 4:20
Audience: News Resource Site: Dugway, Utah
Client: Media Relations
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
01/15/2006 - 0:59:00 Producer: Hardine/Savona

AVC-2006-013-1/1 **Stardust Mission Sample Return Briefing from JSC**

Includes all the major players from the Stardust Mission, describing the preliminary findings from the sample return. Q&A and video playback follows.

Audience: Gen. News Resource Site: JSC

Client: Media Relations

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

01/19/2006 - 1:05:00 Producer: JSC (Ziats)

AVC-2006-015-1/2 **Joint Hearing on Strengthening Student Achievement in Math & Science**

The Senate Education Committee and the Assembly of Higher Education Committee joint hearing on "Strengthening Student Achievement in Math and Science" - Senators Jack Scott, Tom Torlakson and Gloria Romero, along with Assemblywoman, Carol Liu moderate the hearing from academia & industry.

Audience: Gen. Site: von Kármán Aud.

Client: Patty Rhee

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

TRT - 03:18:00

01/20/2006 - 3:00:00 Producer: Savona

AVC-2006-015-2/2 **Joint Hearing on Strengthening Student Achievement in Math & Science**

The Senate Education Committee and the Assembly of Higher Education Committee joint hearing on "Strengthening Student Achievement in Math and Science" - Senators Jack Scott, Tom Torlakson and Gloria Romero, along with Assemblywoman, Carol Liu moderate the hearing from academia & industry.

Audience: JPL Site: von Kármán Aud.

Client: Patty Rhee

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

Starts with Final Public Comments

01/20/2006 - 0:18:00 Producer: Savona

AVC-2006-016-1/1 **Opportunity Rover Begins Third Year Exploring Mars - Video File**

Jan. 24, 2006 marked the beginning of the rover Opportunity's third year on Mars. "Erebus" crater pan. Interview excerpts: Dr. Albert Yen, Research Scientist & Rover Science Team Member (JPL). Animation of rover superimposed onto landscape. Rover's-eye view of driving for 600 sols on Mars.

Audience: News Resource

Client: Webster

Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
01/23/2006 - 0:12:03 Producer: Kline

AVC-2006-017-1/1

2 Years on Mars Anniversary of the MER Rovers

A retrospective of the achievements of the Mars Exploration Rovers featuring guest speakers: JPL Dir., Dr. Charles Elachi, NASA Administrator, Mike Griffin, Representative, David Dreier, John Callas, Steve Squyres on phone, La Canada Mayor, Anthony Portantino, and Richard Cook.

Produced pieces that were rolled-into the show:
Condensed version of "Spirit of Exploration"-5:00
Mike Griffin's address - 4:10
"Stories from Mars" - 6:15
"Things We've Learned" - 2:35
Pete Theissinger awarded a certificate from Mayor
"Road Ahead at Mars" - 5:46

Audience: Gen. NASA Site: von Kármán Aud.

Client: Baggett

Master: DVCPPro25 Submaster: DVCPPro25

Audio 1: Mono mix 2: Mono mix

01/24/2006 - 0:48:31 Producer: Savona/Doherty/Kline

AVC-2006-019-1/1

von Kármán Lecture Series: "Observations of an Urban Ocean"

"Observations of an Urban Ocean: The Coastal Waters off Southern California" was presented by Dr. Paul Digiaco, JPL Oceanographer and Supervisor of the Earth Mission Concepts Group.

Southern California is a densely populated (20 million inhabitants), highly urbanized coastal region, representing nearly a quarter of the total U.S. coastal population. It is a dynamic, fascinating region in which to live, work and play. The adjoining coastal waters of the Pacific Ocean, an "urban ocean", are equally dynamic and interesting in their own right. A multitude of coastal ocean processes and phenomena can be observed from space, including eddies, fronts, island wakes and algal blooms (harmful and otherwise) as well as pollution hazards such as storm water plumes, wastewater plumes and natural hydrocarbon seeps. This presentation will provide an overview of recent scientific findings on these regional coastal ocean features and their associated biological, biogeochemical and ecological impacts. Related ongoing efforts to develop new coastal ocean observing capabilities, including a potential coastal ocean satellite mission and a multi-institution "Southern California Coastal Ocean Observing System", also

summarized.

Audience: Gen.

Site: von Kármán Aud

Client: Blaine Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

01/27/2006 - 1:20:00 Producer: Hardine

AVC-2006-021-1/1 **New Horizons Launch from KSC**

NASA's New Horizons spacecraft launches on mission to visit Pluto, its moon Charon and the Kuiper Belt. Liftoff occurred Jan. 19, 2006 at 2:00 p.m EST from Launch Complex 41 at Cape Canaveral Air Force Station in Florida. It will take almost a decade to rendezvous with Pluto.

Audience: Gen. Resource

Client:

Master: DVD

Audio 1: Mono mix 2: Mono mix

01/19/2006 - 2:00:00

AVC-2006-022-1/1 **NASA Science Year in Review - 2005 (4x3 version)**

Camera moves on stills representing NASA's major scientific achievements in calendar year 2005, set to music.

Audience: Gen. Edu. NASA

Client: Alice Wessen

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

02/06/2006 - 0:06:16 Producer: Kline

AVC-2006-023-1/1 **NASA Science Year in Review - 2005 (16x9 version)**

Camera moves on stills representing NASA's major scientific achievements in calendar year 2005, set to music.

Audience: Edu. NASA

Client: Alice Wessen

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

02/06/2006 - 0:06:16 Producer: Kline

AVC-2006-024-1/1 **NASA Budget Press Conference**

Admin. Mike Griffin discusses the 2006 NASA Budget. Also on panel are Lisa Porter, Mary Cleave, Scott Horowitz, Bill Gerstenmaier, and Shana Dale.

Audience: NASA News

Site: NASA HQ

Client: Media Relations

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

02/06/2006 - 1:00:00

- AVC-2006-027-1/1 **Mars Science Laboratory -- Animation w/sound FX**
 Cut 1) Entry, deploy, and landing
 Cut 2) Travel to target site; sample acquisition
 Audience: Gen. JPL NASA Resource
 Client: J. Hofman
 Master: DVCPro25 Submaster: DVCPro25
 Audio 1: Stereo 2: Stereo
 02/14/2006 - 0:05:15 Producer: J. Doherty
- AVC-2006-028-1/1 **Congressional Hearing: House Science Committee on NASA's FY 07 Budget**
 NASA Administrator Mike Griffin and Deputy Administrator Shana Dale answer questions from the House Science Committee on NASA's FY 07 Budget.
 Session in recess at 20:08:17:24
 Session resumes at 20:25:11:21
 Audience: Gen.
 Client:
 Master:
 Audio 1: Mono mix 2: Mono mix
 02/16/2006 - 2:08:00 Producer: NASA TV
- AVC-2006-029-1/1 **The Challenges of Getting to Mars: Hitting the Bullseye (MRO)**
 Short documentary; interviews, animation and music tell the story of the navigation challenges of the Mars Reconnaissance Orbiter. Features an archery demonstration analogy and an interview with Dr. Moriba Jah.
 Audience: Gen. Resource
 Client: Viotti
 Master: DVCProHD
 Audio 1: Mono mix 2: Mono mix
 02/16/2006 - 0:03:35 Producer: Hulme
- AVC-2006-030-1/1 **Women Working on Mars: What Do Engineers Do?**
 Host Paulo Younse interviews three female JPL engineers, Saina Ghandchi, Veronica Lacayo, and Darlene Lee, to reveal what it took for them to become engineers. A studio audience of middle school students ask questions for this webcast.
 Audience: Gen. Edu. Site: TV Studio
 Client: Stephanie Lievense, Org. 1860
 Master: DVCPro25 Submaster: DVCPro25
 Audio 1: Mono mix 2: Mono mix
 02/15/2006 - 0:48:10 Producer: Doherty
- AVC-2006-031-1/1 **Greenland Ice Loss Doubles in Past Decade, Raising Sea Level Faster**

Video file: Stills of Greenland's changing ice sheet.
Animation of the retreat of Jakobshavn Isbrae, Greenland's
fastest glacier over 6 decades. Interview excerpts: Dr. Eric
Rignot ("reen-YOH"), research scientist. Mosaic of Greenland
ice sheet from radar data, showing ice velocity rates.
Audience: NASA News
Client: Buis
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
02/16/2006 - 0:06:07 Producer: Kline

AVC-2006-029-1/1 **The Challenges of Getting to Mars: Hitting the Bullseye (MRO)**
Short documentary; interviews, animation and music tell the
story of the navigation challenges of the Mars
Reconnaissance Orbiter. Features an archery demonstration
analogy and an interview with Dr. Moriba Jah.
Audience: Gen. Resource
Client: Viotti
Master: DVCPROHD
Audio 1: Mono mix 2: Mono mix
02/16/2006 - 0:03:35 Producer: Hulme

AVC-2006-035-1/1 **NASA's Next Leap in Mars Exploration Nears Arrival - Video File
MRO**
Animations: highlights of Mars Orbit Insertion by the Mars
Reconnaissance Orbiter; SHARAD ground- penetrating radar
antenna deployment; activation of CRISM imaging system.
B-roll of MRO assembly, launch and mission controllers
during a Jan. 2006 operation readiness test at JPL.
Audience: News Resource
Client: Webster
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
02/22/2006 - 0:12:03 Producer: Kline

AVC-2006-036-1/1 **Science 101-"Signs of Life, as I Live and Breathe: Detecting Life...**
"Detecting Life on Other Planets" presented by Dr. Max
Coleman, Director of the JPL Center for Life Detection. Dr.
Coleman discusses the use of organisms biosignatures left in
their environment as a way of identifying life.
Audience: JPL Site: von Kármán Aud.
Client: Rowena Dineris
Master: DVCPRO25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
02/23/2006 - 0:49:26 Producer: Kennedy

AVC-2006-037-1/1

von Kármán Lecture Series: "New Views of Hidden Worlds: ... "

JPL planetary scientist Kevin Baines presented "New Views of Hidden Worlds: Revealing the Depths of Venus, Jupiter, Saturn and Titan with 21st Century Spacecraft"

For centuries the surfaces and dynamic atmospheres of many planets, have been obscured at depth by thick clouds and smog, hiding the secrets of bizarre weather systems and alien surfaces. However, today, the wonders hidden at depth and on the surfaces of a variety of planets are being revealed by a number of recently-launched interplanetary spacecraft using a novel observational technique. Developed over the last two decades and validated by the Galileo and Cassini Spacecraft quick flybys of Venus and Jupiter, the new technique uses near-infrared light, either supplied by the Sun or by the planet's own heat, to reveal the nature of low-lying clouds and storms, winds at depth, and surfaces. The Venus Express mission currently en route to Venus will thoroughly exploit this technique with three near-infrared instruments, in particular searching for the heat, gases, and plumes emitted by active volcanoes. The New Horizons mission en route to Pluto will use this technique to explore the three-dimensional character of storms on Jupiter during its fast flyby in February 2007. The Cassini orbiter circling the Saturn system has already used this technique to image a variety of bizarre cloud formations residing at twice the depth of the deepest clouds previously imaged on Saturn. At Titan, Cassini near-infrared observations have penetrated the ubiquitous hydrocarbon smog to reveal the nature of the surface and deep atmosphere, finding direct evidence of cryo-volcanism. This lecture highlights new discoveries achieved and the prospects for new surprises from our first in-depth views of these hidden worlds.

Audience: Gen.

Site: von Kármán Aud

Client: Blaine Baggett, Org. 1800

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

02/23/2006 - 1:43:00 Producer: Hardine

AVC-2006-038-1/1

MRO-Mars Reconnaissance Orbiter Press Briefing from NASA HQ

Moderated by: Dwayne Brown-NASA HQ Public Affairs

Panelists: Doug McCuistion-NASA Mars Exploration Dir., NASA

HQ, Bob Berry-Dir. Space Exploration Systems, Lockheed

Martin Space Systems Co.-Denver,

Jim Graf-MRO Project Manager-JPL, Dr. Michael Meyer-NASA

Mars Lead Scientist-NASA HQ

Audience: News Resource

Site: NASA HQ

Client: Guy Webster
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/24/2006 - 0:43:43 Producer: HQ (Borst)

AVC-2006-040-1/1 **NASA Mission Detects Significant Antarctic Ice Mass Loss - Video File**

Measurements from GRACE mission confirm Antarctic ice sheet is losing significant mass. Images of Antarctica's ice sheet. Interview: Dr. Isabella Velicogna (Vella-KONE-yah) research scientist, U. of Colo. Boulder. Video: Launch of GRACE mission. Animation: twin GRACE satellites in orbit.

Audience: News Resource

Client: Buis

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

03/03/2006 - 0:05:47 Producer: Kline

AVC-2006-041-1/1 **The Challenges of Getting to Mars: Burn and Capture**

Documentary footage, interviews, animation and music relate the challenges of the Mars Orbit Insertion maneuver performed by the Mars Reconnaissance Orbiter. Features interviews with Peter Xaypraseuth, Ramona Tung, Dr. Moriba Jah and Robert Mase.

Audience: Resource

Site: JPL

Client: Viotti, Org. 1861

Master: DVCProHD Submaster: DVD

Audio 1: Mono mix 2: Mono mix

03/06/2006 - 0:03:50 Producer: Hulme

AVC-2006-042-1/1 **Scientist for a Day**

Students from Shirley Avenue Elementary visit Cassini scientists at JPL. They make decisions and participate in events like real scientists. There are interviews with Cassini outreach coordinator David Seidel, Shirley Avenue Elementary teacher Kathy Cooper, Cassini scientist Jeff Cuzzi as well as Shirley Avenue Elementary students.

Audience: Gen. Edu.

Client: Wessen

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix

03/06/2006 - 0:02:35 Producer: Doherty

AVC-2006-043-1/1 **MRO Pre-MOI News Briefing**

Moderator: Natalie Godwin. Panelists: Fuk Li, Mars Program Manager; Jim Graf, Project Manager for MRO; Rich Zurek, project scientist; and Dan McCleese, principle investigator

for Mars Climate Sounder and Mars Program chief scientist.
Audience: Gen. News Resource Site: von Kármán
Client: Media Relations
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
03/08/2006 - 0:42:00 Producer: Doherty

AVC-2006-044-1/1 **NASA'S Cassini Discovers Potential Liquid Water On Enceladus - VidFile**

NASA's Cassini spacecraft may have found evidence of liquid water reservoirs that erupt in Yellowstone-like geysers on Saturn's moon Enceladus. High-resolution Cassini images show icy jets and towering plumes ejecting large quantities of particles at high speed.

Audience: News Resource
Client: Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/08/2006 - 0:09:44 Producer: Ford

AVC-2006-045-1/1 **Mars Reconnaissance Orbiter Pre-Arrival Briefing, 9:00AM PST**

Moderator: Natalie Godwin, Media Relations/JPL
Panelists: Doug McCuiston-Mars Exploration Program Director/NASA
Howard Eisen-Flight Systems Manager/JPL (Discussed Spacecraft Status)
Rob Lock-Lead Mission Planner/JPL (Discussed Navigation Status)

Richard Zurek-Project Scientist/JPL
MRO Video File follows after briefing
Audience: News Resource Site: von Kármán Aud
Client: Veronica McGregor, Org. 1810
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/10/2006 - 0:30:28 Producer: Doherty

AVC-2006-046-1/2 **Mars Reconnaissance Orbiter Orbit Insertion Commentary, 12:30 PST**

Moderator: Gay Yee Hill, Media Relations
Interviews: Tracy Drain-MRO Systems Engineer
Fuk Li-Director of Mars Exploration
Richard Zurek-Project Scientist
Jim Graf-Project Manager
Jim Hodder-Operations Manager for Deep Space Network
Dan Kubitscheck-Aerobraking Deputy Phase Lead
Dr. Charles Elachi-JPL Lab Director
Audience: Gen. Resource Site: SFOF

Client: Veronica McGregor
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/10/2006 - 1:56:24 Producer: Hardine

AVC-2006-046-2/2 **Mars Reconnaissance Orbiter Orbit Insertion Commentary, 12:30 PST**

Moderator: Gay Yee Hill, Media Relations
Interviews: Tracy Drain-MRO Systems Engineer
Fuk Li-Director of Mars Exploration
Richard Zurek-Project Scientist
Jim Graf-Project Manager
Jim Hodder-Operations Manager for Deep Space Network
Dan Kubitscheck-Aerobraking Deputy Phase Lead
Dr. Charles Elachi-JPL Lab Director
Audience: Gen. Resource Site: BLDG. 230
Client: Veronica McGregor
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/10/2006 - 0:34:30 Producer: Hardine

AVC-2006-047-1/1 **Mars Reconnaissance Orbiter Post Arrival Briefing, 4:30 PM PST**

Introduction by Dr. Charles Elachi-JPL Director
Panelists: Dr. Colleen Hartman-Deputy Associate
Administrator Science Mission Director
Jim Graf-Project Manager
Howard Eisen-Flight Systems Manager
Dr. Rich Zurek-Project Scientist
Jim Crocker-Vice President of Civil Space/Lockheed Martin
Audience: Gen. News Resource Site: von Kármán Aud
Client: Veronica McGregor
Master: DVCPRO25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
03/10/2006 - 0:39:12 Producer: Doherty

AVC-2006-049-1/1 **Cold Faithful (Enceladus Web Video)**

Cassini scientist Torrence Johnson has determined that the Saturn moon Enceladus is spewing liquid water and ice far into the magnetosphere which suggests geologic heat beneath the surface. Heat plus liquid water may equal primitive life.
Audience: Gen. Edu. News
Client: Agle
Master: DVCPRO25 Submaster: DVCPRO25
Audio 1: Mono mix 2: Mono mix
03/10/2006 - 0:03:11 Producer: Doherty

- AVC-2006-050-1/1 **La Sonda de Reconocimiento de Marte y la Visión de Exploración Espacia**
 Dr. Orlando Figueroa on the Mars Reconnaissance Orbiter and its contributions to the Vision for Space Exploration. Edited feature in Spanish, with documentary footage, animations and music.
 Audience: JPL NASA Site: KSC/JPL
 Client: Viotti, Org. 1861
 Master: DVCProHD
 Audio 1: Mono mix 2: Mono mix
 03/09/2006 - 0:02:06 Producer: Hulme
- AVC-2006-051-1/1 **Stardust's First Comet Sample Results News Briefing**
 Participants: Thomas Morgan-Program Scientist, NASA Headquarters
 Donald Brownlee-Principal Investigator, University of Washington, Seattle
 Peter Tosou-Deputy Investigator, JPL
 Micheal Zolensky-Curator & Co-Investigator, JSC
 Audience: News Resource Site: JSC
 Client: DC Agle, Org. 1810
 Master: DVCPro25 Submaster: DVD
 Audio 1: Mono mix 2: Mono mix
 03/10/2006 - 1:05:20 Producer: JSC (Borst)
- AVC-2006-052-1/1 **Years of Observing Combined into Best-Yet Look at Mars Canyon - VFile**
 Animated flyover of Mars' Valles Marineris. Animation showing the component image strips that were overlaid to create the base image for the flyover. Interview with Dr. Phil Christensen, Principal Investigator for Thermal Emission IMaging System camera on NASA's Mars Odyssey.
 Audience: News Resource
 Client: Webster
 Master: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 03/12/2006 - 0:09:00 Producer: Kline
- AVC-2006-053-1/1 **Galaxy on Fire! Spitzer Reveals Stellar Smoke - Video File**
 Where there's smoke, there's fire--even in outer space. A new infrared image from NASA's Spitzer Space Telescope shows a burning hot galaxy whose fiery stars appear to be billows of smoky dust.
 Audience: News Resource Site: JPL
 Client: NASA TV/Hill/Clavin
 Master: DVCPro50 Submaster: DVCPro50

Audio 1: Silent 2: Silent
03/15/2006 - 0:03:13 Producer: Savona

AVC-2006-054-1/1 **von Kármán Lecture Series: Wide in the Middle, Hot at the Top**
Wide in the Middle, Hot at the Top: Measuring the Shapes of Stars was presented by Dr. Gerard van Belle, Keck Operations scientist at Caltech's Michelson Science Center.
Audience: Site: von Kármán Aud
Client: Blaine Baggett, Org. 1800
Master: DVCPro25 Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
03/16/2006 - 1:33:00 Producer: Hardine

AVC-2006-057-1/1 **NASA's New Mars Orbiter Returns Test Images - Video File MRO**
The first test images from the high-resolution camera on the Mars Reconnaissance Orbiter (MRO), collected on March 23, 2006. Interview excerpts: Dr. Rich Zurek, MRO Project Scientist/JPL. Animations: Mars Climate Sounder, capabilities of 2 MRO cameras, aerobraking. B-roll: assembly/launch.
Audience: News Resource
Client: Webster
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/24/2006 - 0:08:42 Producer: Kline

AVC-2006-062-1/1 **JPL Celebrates 40th Anniversary of Deep Space Network Antenna - VFile**
On March 30, 2006, a ceremony at the Deep Space Network (DSN) complex in Goldstone, Calif., marked the 40th anniversary of the 70-meter (230-foot) antenna. Interview: Dennis Buck, DSN Network Antenna Manager. Video: Ceremony, antenna, scenes from historic missions supported by antenna.
Audience: News Resource
Client: Hill
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/31/2006 - 0:08:08 Producer: Kline

AVC-2006-063-1/1 **Planet Birth in Dead Star's Rubble - Spitzer Web Video**
Animation of a massive star, 10 to 20 times as big as our Sun, exploding into a supernova. Some of the material remaining afterward becomes the seeds for future planets and asteroids. Narrated by Dr. Charles Beichman, Michelson Science Center, Pasadena, Calif. & Staff Scientist, JPL.
Audience: Gen. Resource

Client: Gay Hill
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
04/04/2006 - 0:00:42 Producer: Kline

AVC-2006-064-1/1 **NASA'S Spitzer Finds Hints of Planet Birth Around Dead Star-VF**

New evidence from NASA's Spitzer Space Telescope indicates that planets might rise up out of a dead star's ashes. This is the first time scientists have detected planet-building materials around a star that died in a fiery blast.

Animation: Artist's concept of a pulsar formation.

Audience: News Resource

Client: Hill/Clavin

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

04/05/2006 - 0:06:06 Producer: Ford

AVC-2006-068-1/1 **Test Images Confirm Performance of New Camera at Mars - MRO VideoFile**

Camera is acronymed: HiRISE.

Audience: News Resource

Client: Webster

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

04/06/2006 - 0:11:10 Producer: Kline

AVC-2006-069-1/1 **Flight Into Mariner Valley-Valles Marineris, Mars**

An animated flight thru Valles Marineris on Mars, the largest canyon anywhere in the Solar System. Produced by the JPL Solar system Visualization group. Animation: Eric De Jong, Zareh Gorjian, Koji Kuramura, Michael Stetson, Rob Baldwin, and Jason Craig. Narrated by Mark Kennedy.

Audience: Gen. Resource

Client: Michelle Viotti

Master: DVCPProHD Submaster: DVCPProHD

Audio 1: Mono mix 2: Mono mix

04/07/2006 - 0:03:43 Producer: De Jong/Leung

AVC-2006-070-1/1 **The 1906 San Francisco Earthquake, A Century of Scientific Study**

Web video commemorating the 100th anniversary of the April 18, 1906, San Francisco earthquake. Includes stills and film from 1906, explanation of advances in seismic knowledge since 1906 from JPL geophysicist Andrea Donnellan and JPL Director Dr. Charles Elachi.

Audience: Gen.

Client: Hill

Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
04/07/2006 - 0:02:58 Producer: Kline

AVC-2006-071-1/1 **Announcement of NASA's New Moon Mission**

Dolores Beasley moderates:
Scott Horowitz ESMD NASA HQ
Daniel Andrews Ames Research Center
Butler Hine Ames Research Center
Audience: News Site: NASA HQ
Client: Media Relations
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
04/10/2006 -53:45:00

AVC-2006-073-1/1 **Earthquake Research 100 Years After 1906 San Francisco Shaker – VidFile**

Film: aftermath of 4-18-1906 quake; scientists gathering data from So. Calif. Global Positioning System. Animations: Navstar satellites, interferometric synthetic aperture radar mission (InSAR), flyover of Northridge, CA 1994 quake site. Interview: Dr. Andrea Donnellan, JPL geophysicist. Credit for film of 1906 San Francisco: U.S. Library of Congress.
Northridge flyover: rainbow fringes show amount of Navstar satellites: provide precise positioning data to monitor plate movement.
San Francisco quake occurred approximately 5:12 a.m. on April 18, 1906 and is estimated at 7.9 magnitude.
Audience: News Resource
Client: Buis/Hill
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
04/12/2006 - 0:06:36 Producer: Kline

AVC-2006-074-1/1 **Two Mars-Orbiting Cameras Debut - Video File - MRO**

The first test images of Mars from two of the three science cameras on NASA's Mars Reconnaissance Orbiter. Also: animations showing the cameras' location on the spacecraft.
Audience: News Resource
Client: Webster
Master: DVCPPro50
Audio 1: MOS 2: MOS
04/13/2006 - 0:04:09 Producer: Kline

AVC-2006-075-1/1 **von Kármán Lecture Series-MARSIS on Mars Express**

Dr. Jeffrey Plaut discusses the Mars Advanced Radar for

Subsurface and Ionospheric Sounding (MARSIS) aboard the ESA's Mars Express. MARSIS is being used to map the interior of the thick polar ice caps, and has discovered large hidden craters below the surface of the Red Planet.

Audience: Gen. Edu. Site: von Kármán Aud.

Client: PSO

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

04/13/2006 - 1:05:01 Producer: Hardine

AVC-2006-076-1/1

JPL 1957

Tells the story of the Jet Propulsion Laboratory (pre-NASA). Opens with a pan of JPL; shot of Guggenheim Graduate School of Aeronautics at the California Institute of Technology; Dr. Theodore von Kármán at desk; August, 1941, March Field jet assisted take off test; Parsons assembling Ercoupe motor, Sound added to Ercoupe takeoff, April 1942 a Douglas A-20A takeoff; Early JPL scenes; Private A launch 12/1944; problematic Private F launch; 10/1945 WAC Corporal launch; Corporal E launch 5/1947; architect's model of the JPL landscape with buildings; Building construction; views of various facilities, Wind Tunnel, Test Pits, motor testing, Chemistry Lab, Combustion Studies, Metallurgical Studies; Electronics Lab, Shake Table, Administration building (111), Repro Facility, Photo Section, Report Section, JPL Library, Transportation Dept., Electrical Shop, Carpenter and other shops.

Audience: Gen. Resource

Client: Blaine Baggett, Org. 1800

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

16mm color film transfer by PhotoKem 4/03/06

01/01/1958 - 0:20:00 Producer: JPL (SLB)

AVC-2006-079-1/1

CloudSat Super Spotlight Web Video

Project members Tom Livermore and Deborah Vane briefly describe the CloudSat mission to study clouds in 3D.

Audience: Gen.

Client: Media Relations

Master: DVCProHD Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

04/18/2006 - 0:02:46 Producer: Savona

AVC-2006-081-1/1

Reading, Writing, and Rings

Teacher/consultants Linda Block, Sally Feldman, and Ruth Paglierani plus their students give a brief description of

Reading, Writing, and Rings, the lesson plan for 2nd and 4th grade students developed through JPL's Cassini mission.

Audience: Gen. Edu. JPL

Client: A. Wessen

Master: DVCPPro25

Audio 1: Stereo 2: Stereo

04/20/2006 - 0:02:41 Producer: J. Doherty

AVC-2006-082-1/1 **Galaxies Don Mask of Stars in New Spitzer Image - Video File**

An infrared image from NASA's Spitzer Space Telescope shows the cores of two merging galaxies, called NGC 2207 and IC 2163. Dotted along the arms are dusty clusters of newborn stars called "beads on a string" by astronomers.

Animation: Spitzer Space Telescope in Earth-trailing orbit.

Audience: News Resource

Client: Clavin

Master: DVCPPro50

Audio 1: MOS 2: MOS

04/21/2006 - 0:03:08 Producer: Kline

AVC-2006-085-1/2 **Calypso-CloudSat/Delta II Launch Continuous Record**

Audience: Gen. Resource

Client: NASA KSCTV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/28/2006 - 1:30:00 Producer: NASA KSCTV

AVC-2006-085-2/2 **Calypso-CloudSat/Delta II Launch Continuous Record**

Audience: Gen. Resource

Client: NASA KSCTV

Master: BCAMsp

Audio 1: Mono mix 2: Mono mix

04/28/2006 - 0:00:00 Producer: NASA KSCTV

AVC-2006-086-1/1 **Planetary Program Report Number 3: Mariner-Mars Flight Preparation**

Report covers April through October 1963.

Opens with student tour in von Kármán Auditorium, describing the full scale Mariner 2 model mission to Venus. Mariner C Mission description with trajectory animation and models.

Aerial of JPL. System testing. Putting the Mariner C spacecraft in Solar Simulator. Component testing and closeups. Solar cell assembly and testing. Camera testing at Mt. Wilson Observatory. Computers in Space Flight Operations Facility (first use of the SFOF).

Audience: Gen. Resource

Client: B. Baggett, Org. 1800
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 517 Rowe100
16mm color film transfer made 4/11/06 by FotoKem.
10/31/1963 - 0:19:30 Producer: JPL Photo Lab (SB)

AVC-2006-088-1/1 **NASA and Partners Release New Titan Movies - Cassini Huygens VidFile**

Stills from Huygens probe: flat view 6 miles above surface of Saturn's moon Titan & fish-eye view 3 miles up. Movie: 2.5-hour descent from Huygens Probe's POV compressed into 3.5 minutes.
Audience: News Resource
Client: Martinez
Master: DVCPPro25
Audio 1: MOS 2: MOS
05/04/2006 - 0:06:42 Producer: Kline

AVC-2006-089-1/1 **Surveyor Project Report #13 January 1 to March 31, 1964**

Shows the development and testing for the Surveyor Lunar Project. Addresses the Surveyor Spacecraft System: Scientific Payload, type approval testing, flight hardware production (at Hughes), system testing, propulsion. Also shows the DSN and flight operations and the launch vehicle system.
Audience: Tech. Resource Site:
Client:
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 562 Rowe103
16mm color film transfer made 4/8/06 by FotoKem.
04/01/1964 - 0:31:20 Producer: JPL/Hughes Air (SB)

AVC-2006-090-1/1 **JPL's Open House Super Spotlight Web Video**

Last year's highlights advertise this year's event. JPLer's Curtis Montano and Tony Freeman tell why the JPL Open House is for everyone.
Audience: Gen.
Client: Media Relations
Master: DVCPPro50 Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
05/08/2006 - 0:01:56 Producer: Savona/Hill

AVC-2006-091-1/1 **The Challenges of Getting to Mars: Dip and Drag**

Documentary footage, interviews, animation and music relate the challenges of Mars Reconnaissance Orbiter's aerobraking phase. Features interviews with Peter Xaypraseuth, Dr.

Moriba Jah and Ramona Tung. Also features edited footage of MRO's Mars Orbit Insertion event.

Audience: Gen. Site: JPL

Client: Viotti, Org. 1861

Master: DVCPProHD

Audio 1: Mono mix 2: Mono mix

03/31/2006 - 0:03:43 Producer: Hulme

AVC-2006-092-1/1 **JPL 313 TV News Release - Explorer 3**

Presentation set in a room, presenters behind a table with models.

Includes interviews with William Pickering, Director of JPL; Jack Froehlich, JPL Satellite Project Director; Phyllis Buwilda(sp?) Research Engineer, Walt Victor, Chief Electronics Research Section; Henry Richter, Cosmic Ray Experiment; Geoff Robillard, Chief Solid Propellant Section. They describe the mission, launch vehicle, and payload of Explorer 3. Includes Explorer 1 and Explorer 3 launches.

Audience: Gen. Resource Site: JPL

Client: B. Baggett, Org. 1800

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 313 Rowe#91
16mm color film transfer made 3/31/06 by FotoKem.

11/01/1958 - 0:08:25 Producer: U.S. Army (SB)

AVC-2006-094-1/1 **Spitzer Telescope Sees Trail of Comet Crumbs - Video File**

NASA's Spitzer Space Telescope has snapped a picture of the bits and pieces making up Comet 73P/Schwassman-Wachmann 3, which is continuing to break apart on its periodic journey around the sun. The new infrared view shows chunks of the comet riding along its own dusty trail of crumbs.

Audience: News Resource Site: JPL

Client: NASA TV/Clavin

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Silent 2: Silent

05/10/2006 - 0:03:30 Producer: Savona

AVC-2006-095-1/1 **Planetary Program Report Number 7, 1 April through October 1965**

Technically describes Mariner 4 flight and the encounter with Mars including testing; flight operations; science results with film of the instruments being tested; an aerial of the DSN Pioneer station; all the Mars images stepped across a red surface. At this time both Johannesburg and Madrid antennas operational and in use. The images sent back were 1/5 second exposures creating 6 bit digital images on a 0 to 63 gray scale. The resultant 21 frames were 200 by 200

pixel images.

Mariner 4 encounter included the first radio occultation of another planet.

The film shows Walt Larkin in his red sweater and Lyndon Johnson awarding Dr. William Pickering for the accomplishment.

Audience: Tech. Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 654 Rowe124

16mm color film transfer made 4/8/06 by FotoKem.

11/01/1965 - 0:14:43 Producer: JPL (SB)

AVC-2006-096-1/1 **von Kármán Lecture: "Planetary Robotics: To Mars and Beyond"**

Dr. Ashley Stroup of the Mars Exploration Rovers Engineering Team and Brett Kennedy, a staff engineer in the JPL Robotic Hardware Group presented on planetary robotics.

Audience: Gen. Edu. Site: von Kármán Aud

Client: Blaine Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

05/11/2006 - 1:23:00 Producer: Hardine

AVC-2006-103-1/1 **Andromeda Adrift in Sea of Dust in New NASA Image (Spitzer)-VF**

The Andromeda galaxy, named for the mythological princess who almost fell prey to a sea monster, appears tranquil in a new image from NASA's Spitzer Space Telescope. The mesmerizing infrared mosaic shows red waves of dust over a blue sea of stars. Andromeda's less glamorous name is M31.

Audience: News Resource

Client: Platt/Clavin, Org. 1870

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Silent 2: Silent

06/01/2006 - 0:03:35 Producer: Ford

AVC-2006-108-1/1 **NASA's Cassini Spacecraft Captures Saturnian Moon Ballet - video file**

Still: Saturn's moon Enceladus & Titan. Movies: 1)

Epimetheus passes Titan & Dione. 2) Rhea moves between Mimas & Enceladus. 3) Rhea occults Saturn. 4) Janus & Epimetheus pass Dione, rings visible. 5) Pan embedded in the rings.

Animation: Cassini spacecraft.

Audience: News Resource

Client: Martinez

Master: DVCPRO50

Audio 1: MOS 2: MOS

06/14/2006 - 0:04:15 Producer: Kline

- AVC-2006-109-1/1 **Viking - Mars Trailblazer - 30th Anniversary Super Spotlight- web vid**
 Participants in the Viking 1 & 2 missions reflect on their feelings. Archival footage and current interviews: Gentry Lee-Science Analysis & Mission Planning Dir., Bob Tolson-Navigation Mgr., Bill Boyer-Launch & Flight Operations Systems Mgr., Richard Zurek, Viking Scientist.
 Audience: Gen. Resource
 Client: Hill
 Master: DVCPPro50
 Audio 1: Mono mix 2: Mono mix
 06/22/2006 - 0:02:55 Producer: Kline
- AVC-2006-111-1/1 **von Kármán Lecture: "Moon, Mars and Beyond: Apollo on Steroids"**
 Mike Sander, Manager of JPL's Exploration Systems and Technology discussed NASA's exploration vision and how our journey will open many doors to new technologies, open many minds to new possibilities and lead down paths yet to be imagined.
 Audience: Gen. Site: von Kármán Aud
 Client: Blaine Baggett, Org. 1800
 Master: DVCPPro25 Submaster: DVD
 Audio 1: Mono mix 2: Mono mix
 06/22/2006 - 1:20:00 Producer: Hardine
- AVC-2006-112-1/1 **Cassini's Postcards from Saturn: Tale of Two Moons - Super Spotlight**
 Halfway through its 4-year Saturn tour, the Cassini spacecraft continues on one amazing discovery after another, like postcards from an excited tourist, information streams home.
 Produced for the web. Interviews with: Trina Ray; Rosaly Lopes and Steve Wall.
 Audience: Gen.
 Client: Gay Hill
 Master: DVCPProHD Submaster: DVCPPro50
 Audio 1: Mono mix 2: Mono mix
 06/27/2006 - 0:03:05 Producer: Savona
- AVC-2006-114-1/1 **The Ranger Project: Semi-Annual Report Number 13, Jan. thru June 1964**
 Technically describes Ranger activities for first six months of 1964, that is, Ranger 6 launch 1-30-64, failure of cameras to turn on, and investigations / analysis. No specific cause of failure is included in this report. Many scenes of construction, testing, operation, control rooms, Space Flight Operations Facility (SFOF), the Deep Space

Instrumentation Facility (DSIF) antennas, and Atlas/Agena B launch vehicle. Success of Ranger 7--after June 30, 1964--is included as a part of the film; Ranger 7 TV images of the Moon are shown.

Audience: Gen. Tech. Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 563 Rowe104
16mm color film transfer made 5/19/06 by FotoKem.

08/31/1964 - 0:25:27 Producer: Photo Lab

AVC-2006-115-1/1

Countdown to Venus

Re-dramatization of March 10, 1961 at 6:34 PST: radar signal reflected off of Venus. A 10 Mw signal transmitted from Echo/Venus antenna at 2388 Khz; received by Pioneer antenna. Participants include Pickering who shows to Bob Stevens and Walt Victor a very rough Mariner model.

Irl Newlan, producer.

Norm White and Phillip F. Callahan, directors.

Irl Newlan and Harold J. Wheelock, writers.

Marvin Miller, narrator

Ed Deview, Don Maxeiner, Bill Rowe, photographers

Charles McDanald, sound

Royal/Arts, animation Galway Productions, production services

Source: John Gregoire, April 1998

Audience: Gen. Resource

Site: JPL/Goldstone

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 425 Rowe526
16mm color film transfer made 5/19/06 by FotoKem.

05/01/1961 - 0:13:52 Producer: Irl Newlan (SB)

AVC-2006-116-1/1

Crustal Dynamics Project

Produced by JPL for NASA Crustal Dynamics Project and the Department of Commerce, National Geodetic Survey.

Starts with an animated explanation of Very Long Base Interferometry (VLBI); shows a mountain set up of a portable unit, then the set up at JPL Mall, of a folding dish antenna system mounted on a truck bed. This system was a part of the ORION radio interferometry network.

Audience: Gen. Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix Cross Ref: Rowe #251

16mm color film transfer made 5/19/06 by FotoKem.

06/01/1983 - 0:15:45 Producer: JPL Photolab (SB)

AVC-2006-118-1/1 **NASA Marks 30th Anniversary of Mars Viking Mission - Video File**

Commemoration of 30th anniversary of successful Viking 1 and 2 missions. Historical video: landing commentary for Viking 1, launches of Vikings 1&2. Stills comparing Viking views to those from later missions. Interview excerpts with participants in the missions:

Gentry Lee: Viking Science Analysis & Mission Planning Director

Bob Tolson: Viking Navigation Manager

Bill Boyer: Viking Launch/Flight Operations Systems Manager

Audience: News Resource

Client: Hill

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

07/13/2006 - 0:08:07 Producer: Kline

AVC-2006-122-1/1 **Cassini Reveals an Earth-like Land on Titan - Video File - Xanadu**

Radar image shows details of Australia-size bright region (called "Xanadu") on Saturn's moon Titan: river channels, mountains, lakes, craters, possible ice volcanoes. Interview: Dr. Jonathan Lunine, Cassini

scientist, University of Arizona, Tucson. Animation: Cassini spacecraft orbiting Saturn.

Audience: News Resource

Client: Hill/Martinez

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

07/18/2006 - 0:06:20 Producer: Kline

AVC-2006-123-1/1 **von Kármán Lecture Series-Cassini Real-Time Operations**

A fascinating look at Cassini Real-Time operations, as mission controllers communicate with the distant robot spacecraft. Presented beautifully by Dave Doody, Cassini's manager of Flight Operations.

Audience: Gen. Site: vK Aud

Client: PSO

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

07/20/2006 - 1:12:00 Producer: Hardine

AVC-2006-125-1/1 **Spitzer's Spin on Stars - Web Video**

A spinning roller skater represents a spinning star with a dust disk around it. Animations show how the star's magnetic fields interact with the disk to slow the star's rotation.

Comments from Dr. Luisa Rebull, Spitzer Scientist.
Audience: News Resource
Client: Hill/Clavin
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
07/21/2006 - 0:02:30 Producer: Kline

AVC-2006-127-1/1 **Cassini Finds Lakes on Titan's Arctic Region - Video File**
Radar images show hydrocarbon lakes on Saturn's moon Titan.
Still and pans. Animation of Cassini spacecraft at Saturn.
Audience: News Resource
Client: Martinez
Master: DVCPro50 Submaster: DVCPro50
Audio 1: MOS 2: MOS
07/26/2006 - 0:03:37 Producer: Kline

AVC-2006-130-1/1 **Imagine Mars Webcast - Closed-Captioned**
Discussing students' planning for humans on Mars were:
Thaddeus Miles, Board Pres., Neighborhood Networks (NN)
National Consortium; Paula Goodman, Director K-12 Pgms., Art
Center College of Design; Don Freeman, Coord., L.A. Field
Office, HUD NN. Host: Stephenie Lievens. Web: David
Delgado.
Included call-in comments from:
Delores Pruden, Director, Multifamily Housing Neighborhood
Networks, and
Charles H. "Hank" Williams, Deputy Assistant Secretary,
Office of Multifamily Housing Programs.
Audience: Gen. Edu.
Client: S. Lievens
Master: DVCPro25 Closed Caption
Audio 1: Mono mix 2: Mono mix
07/31/2006 - 0:54:00 Producer: Doherty

AVC-2006-133-1/1 **Mariner II (Venus)**
A 20th anniversary lookback shows the story of Mariner 2,
launched on August 27, 1962, sending it on a 3-1/2-month
flight to Venus. On the way it measured for the first time
the solar wind, a constant stream of charged particles
flowing outward from the Sun. It also measured
interplanetary dust, which turned out to be more scarce than
predicted. In addition, Mariner 2 detected high-energy
charged particles coming from the Sun, including several
brief solar flares, as well as cosmic rays from outside the
solar system.
As it flew by Venus on December 14, 1962, Mariner 2 scanned

the planet with infrared and microwave radiometers, revealing that Venus has cool clouds and an extremely hot surface. (Because the bright, opaque clouds hide the planet's surface, Mariner 2 was not outfitted with a camera.)

Film is narrated by Al Hibbs, written by Don Bane, Bill Rowe one of two editors. It includes the failure of Mariner 1 and shots of Jack James, Bill Pickering, Bob Parks, Carl Sagen (speculating with eyes downturned at desk about life on Venus), the Pioneer antenna, a 'tv studio' at JPL, Marsha Neugebauer, and Rechton along with many others.

Audience: Gen.

Client: B. Baggett

Master: DVCPro25

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 1111 Rowe30

16mm color film transfer made 7/13/06 by FotoKem.

12/31/1982 - 0:24:00 Producer: JPL Photo Lab (SB)

AVC-2006-136-1/1 **The GAVRT Program: Bringing the Universe to America's Classrooms**

The Goldstone Apple Valley Radio Telescope or GAVRT is a NASA sponsored program through the Lewis Research Center in Apple Valley, California. Denver North High School students participate in-a-hands-on atmosphere, working with NASA scientists on advanced astronomy missions.

Produced for the Lewis Research Center in Apple Valley, California. Denver North High School in Denver, Colorado are featured as an example of a successful GAVRT program at work.

For More Information about the GAVRT program for your school contact:

Audience: Gen. Edu.

Site: Denver/AppleV

Client: Dave Maclaren

Master: DVCProHD Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/09/2006 - 0:05:14 Producer: Gary Savona

AVC-2006-137-1/1 **Ring World II**

The story of the international Cassini/Huygens mission to Saturn and Titan. The narrated video uses animation to explain the mission after Cassini's arrival at Saturn and the Huygens probe release to Titan. Narration by John

Billingsley.

Audience: Gen.

Client: Enrico Piazza

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix
08/09/2006 - 0:34:42

AVC-2006-140-1/1 **NASA's Spitzer Digs Up Possible Solar Systems in Orion- VidFile**

NASA's Spitzer Space Telescope has captured a stunning new image of the Orion nebula. Spitzer with its powerful infrared vision was able to unearth thousands of planet-forming disks in the Orion cloud complex, which includes the Orion nebula.

Audience: News Resource

Client: Clavin

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/14/2006 - 0:05:08 Producer: Ford

AVC-2006-141-1/1 **von Kármán Lecture - How Satellites Have Revolutionized Oceanography**

Presented by Dr. Jorge Vasquez, this is a fascinating overview of the technological and scientific advances in the study and mapping of the world's oceans. An extensive Q&A session follows.

Audience: Gen. Edu.

Site: von Kármán Aud.

Client: PSO

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

08/17/2006 - 1:22:00 Producer: Hardine

AVC-2006-143-1/1 **JPL Story II - 1959**

Describes a multitude of JPL activities and research. Opens with an aerial of Los Angeles, Rose Bowl, and JPL. Includes 1940 pan of lab site, Theodore von Kármán in his CIT office, Ecoupe with JATOs clearing 50 foot ribbon, solid propellants, Sergeant launch, liquid research, JATO, WAC Corporal launch, supersonic wind tunnel, Deep Space Instrumentation Net, Echo, and Explorer launch. Also a rapid paced list of other accomplishments.

The presentation is rather a jumpy research-level story trying to include all the kinds of projects that JPL was involved in by 1959.

Ends with an aerial of California Institute of Technology (CIT) and the launch of Explorer 1, plus a comment on the transition to NASA.

Audience:

Client: B. Baggett, Org. 1800

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 409 Rowe120
16mm color film transfer made 7/24/06 by FotoKem.
12/31/1959 - 0:09:20 Producer: JPL Photo (SB)

AVC-2006-145-1/1 JPL Story: A Tradition of Discovery - 1985

Described the research activities at JPL as of 1985.
Including Voyager results; Galileo construction; the JPL
history as told by Dr. Al Hibbs; Dr. Charles Elachi
describes radar missions; IRAS; Ulysses Mission; computer
and robotic technology; Donna Shirley Piveratto describes
future missions; Image Processing Lab; Richard Terrille
talks about searching for other solar systems; Dr. Lew
Allen, director of JPL discusses JPL's tradition of
discovery.

Made by Goal Productions, Pasadena. Jack Oswald, executive
producer; Frank Bristow and John Gura, producers; Don
Schroeder, director; Richard Stachelek and John Gura,
writers.

Audience: Gen.

Client: B. Baggett, Org. 1800

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL-1120 R#198
16mm color film transfer made 7/24/06 by FotoKem.
09/11/1985 - 0:17:18 Producer: Goal Prod. (SB)

AVC-2006-146-1/1 Time and Space (Pioneer 4)

Story of Pioneer 4, launched March 3, 1959 successfully
passed within 60,000 kilometers (37,300 miles) of the Moon
and is now orbiting the Sun, the first U.S. spacecraft
placed in solar orbit.

Shows the assembly of the Jupiter launch vehicle and scenes
from JPL and Cape Canaveral.

Dr. Pickering, JPL Director, appeared on camera.

Shows Jack Froelich and Dr. Kurt H. Debus, head of ABMA
Missile Firing Laboratory, explaining mission.

Audience: Gen.

Client: B. Baggett, Org. 1800

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL-333 Rowe169
16mm color film transfer made 7/24/06 by FotoKem.
04/01/1959 - 0:26:45 Producer: JPL- Newlan (SB)

AVC-2006-147-1/2 Mariner-Mars Mission 1964 (Mariner 4) (Revised Ending)

A Space Science Division technical presentation describing
the Mariner C mission, Mariner-Mars 1964 project (Mariner 3
& 4). Many c/u of various instruments and subsystems, while

narrator gives a detailed description. Shows assembly, testing and launch of the first Mariner C. No image results. Credits: R.V. Meghreblian, chief, Space Sciences Division, plus the names of four other SSD leaders; Photographic Section: George Emmerson, director; R.E. Pace, picture supervisor; photography by E. Devieu, Gregoire, Rolofson; narrated by Michael Rye; written by William Hardy; directed by James H. Dissman Jr.

Audience: Tech. Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL-577 Rowe104
16mm color film transfer made 7/24/06 by FotoKem.
12/16/1965 - 0:19:35 Producer: JPL Photo Lab (SB)

AVC-2006-148-1/1 **The Big Monitor - 1964**

A public release film, somewhat technical, it describes the Deep Space Instrumentation Facility (DSIF) and the Space Flight Operation Complex (SFOC) and its 1964 Mariner Mission to Venus and its future. Shows construction of Buildings 180 and the Space Flight Operations Facility (SFOF) as well as the Pioneer and other antenna sites. A good resource for JPL and DSN scenes.

Directed and edited by Bill Rowe; written by Ralph D. Kearin and Bill Rowe; narrated by Maurice Hart; produced by the JPL Photographic Section.

Ordered by Nick Renzetti

Audience: Gen. Tech. Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL-506 Rowe#94
16mm color film transfer made 7/24/06 by FotoKem.
12/30/1964 - 0:19:57 Producer: Bill Rowe (SB)

AVC-2006-150-1/1 **The Sergeant Development History Number 4: 1 January - 30 June 1958**

A report film on the Sergeant Missile developed by JPL. Shows launches; environmental tests; transportation over rugged terrain and the sea; JPL; Dr. Pickering, Bob Parks and others; firings #8 in 1957, #9 in 1/21/1958, #10 3/14/1958, #11 5/1/1958, #12 5/9/1958, and #13 6/30/1958. This Sergeant report film included the inadvertent destruction of Round 12 on May 9, 1958 at White Sands Proving Grounds and Bob Parks dictating to a female secretary plans concerning the Sergeant. It also shows a "direct writing oscillograph" used to create written records

of telemetry information.
Film marked within CONFIDENTIAL. However, container marked
Classification changed to Unclassified, DoD 5200.10,
1-26-67, by "J.L."
Audience: Gen. Resource
Client: B. Baggett, Org. 1800
Master: DVCPRO25
Audio 1: Mono mix 2: Mono mix Cross Ref: JPL-318 Rowe162
16mm color film transfer made 7/24/06 by FotoKem.
07/31/1958 - 0:19:59 Producer: JPL & Sperry (SB)

AVC-2006-151-1/3

JPL Historical Roll #1 - 1939 to 1945 (JPL-510)

JPL's first historical film, a rough spliced edit from
earlier films.

Jet Propulsion Research Project 1939 descriptive title; pan
of original buildings; test rocket firing; men working
instruments; test firing; title:
Units delivering 27 lb. thrust
for 12 seconds used in the
Ercoupe tests were developed
by the solid propellant section.

setting up units and firing them; title:

Flight tests carried
out in the early
morning at
March Field

take off of airplanes; close up from another plane; tests
for rapid climb; titles:

FLIGHT TESTS
OF THE
A-20A AIRPLANE
EQUIPPED WITH
TWO 1000 LB. THRUST
LIQUID PROPELLANT JET
UNITS

AT
MUROC, CALIFORNIA
APRIL 9-24 1942

AIR CORPS JET PROPULSION
RESEARCH PROJECT
GALCIT PROJECT NO.1

CALIFORNIA INSTITUTE
OF TECHNOLOGY
PASADENA, CALIFORNIA

FLIGHT TEST PERSONNEL
MATERIEL CENTER, ARMY AIR FORCES
AIRCRAFT LABORATORY
Major P. H. Dane....Test Pilot
M. G. Cassell..Installation Inspector
L. A. Brady.....Crew Chief
A. C. Loedding.....Observer

RESEARCH PROJECT
Dr. Th. von Kármán..Technical Director
Dr. D. B. Millikan..Aerodynamics Consultant
Dr. F. J. Malina.....Chief Engineer
Dr. M. Summerfield...Project Engineer
W. B. Powell.....Research Engineer
E. G. Crofut.....Designer
B. Forman...Chief Mechanic, Jet Operator
in Flight Tests

??

W. H. Wheeler....Mechanic
A. Richardson...Mechanic
W. Gibson.....Mechanic
L. Gaul....Mechanic's Helper
W. C. Stephenson..Mechanic's Helper
H. Farrell.....Mechanic's Helper
Al Richardson.....Mechanic's Helper
G. Emmerson.....Photographer

Group picture in front of aircraft; Man in control room;
engine test; men working on plane; men in dirt field fueling
plane; men standing near plane.
fin.

Audience: Gen. Resource

Client: B. Baggett, Org. 1800

Master: DVCPRO25 Submaster: DVD

Audio 1: Silent 2: Silent Cross Ref: JPL-510 Rowe#76

16mm color film transfer made 7/24/06 by FotoKem.

08/28/2006 - 0:10:02 Producer: Emerson (SB)

AVC-2006-151-2/3

JPL Historical Roll #3 - 1939 to 1945 (JPL-510)

JPL's first historical film, a rough spliced edit from
earlier films.

Scenes: Loading Private in launcher;

Title:

Drs. Th von Kármán, C. B. Millikan,
and Col. W. H. Joiner observe
loading of PRIVATE into launcher.

Men pushing fixture;

Title:

The booster assembly was tested
with a dummy PRIVATE loaded
with concrete.

Firings;

Title:

Col. Skinner instructed Mark
Mills on special techniques
often found necessary in research.

Man digging in desert; Launch;

Title:

ORDCIT Project
FIRING TESTS OF
"PRIVATE-F"
April 4 to 11, 1945
Fort Bliss, Texas
(Hueco Range, New Mexico)
Jet Propulsion Laboratory, GALCIT
CALIFORNIA INSTITUTE OF TECHNOLOGY
Pasadena, California

Pans of encampment with tents; men working on missile;
erecting the launcher;

Title:

The launcher and booster assembly
were checked by launching a dummy
"PRIVATE-F" loaded with concrete.

Men working on launcher; firing, landing in desert;

Title:

The unexploded spotting charge
in the nose of round No. 1 was
"killed" by Dr. Detsasso from
twenty yards (prone position
behind a bondock).

Dr. Detsasso foot on round, holding rifle and being

congratulated by men walking by; men walking and gathering around a fire; Firing;

Title:

ORDCIT PROJECT
DEVELOPMENT AND
FIRING TESTS OF THE
"WAC CORPORAL"
(230,000 FT. ALTITUDE SOUNDING ROCKET)

by the

Jet Propulsion Laboratory, GALCIT
California Institute of Technology
Pasadena, California
1945

ACKNOWLEDGMENT

The coordination of the various organizations involved in the development and firing of the WAC CORPORAL was carried out by Colonel B. S. Mesick of the Ordnance Department. Missile development and technical phases of the firing program were directed by Dr. F. J. Malina of the California Institute of Technology.

Flight test data were obtained by the Aberdeen Proving Ground under the supervision of Dr. L. A. Delsasso. Weather instruments and radio sonde equipment were operated under the supervision of Major K. S. Jackson of the Signal Corps. Scheduling of the firing tests and maintenance of safety were directed by Lt. Col. H. R. Turner, Commanding Officer of the White Sands Proving Ground.

An aerial of ?; men working in launch tower;

Title:

DESCRIPTION OF THE
"WAC CORPORAL"
Initial weight (without booster) 665 lb
Propellant and pressurizing gas weight 376 lb
Rocket motor thrust 1500 lb
Duration of thrust 45 sec
Length 16.2 ft

Diameter 1.0 ft

Oxidizer -- red fuming

Propellant nitric acid

Fuel -- aniline containing 20% furfuryl alcohol

The nose cone was designed to disengage from the missile at the summit of vertical flight to release radio sonde meteorological instruments.

DESCRIPTION OF BOOSTER

ROCKET

The booster rocket was a modified TINY TIM which delivered 48,000 lb. thrust for 0.65 seconds. The initial booster weight was 759 lb.

The LAUNCHER was a triangular steel structure 100 ft in height. The launching rails were 75 ft long.

Firing of the missile was carried out from a heavily reinforced concrete CONTROL HOUSE.

Control house construction scenes;

Title:

2. Static tests were made of a prototype model of the WAC CORPORAL at the ORDCIT Test Station, Muroc, California.

Installation and static firing of the rocket

END OF FILM

Audience: Gen. Resource

Client: B. Baggett, Org. 1800

Master: DVCPro25 Submaster: DVD

Audio 1: Silent 2: Silent Cross Ref: JPL-510 Rowe#76

16mm color film transfer made 7/24/06 by FotoKem.

08/28/2006 - 0:10:16 Producer: Emerson (SB)

AVC-2006-151-3/3

JPL Historical Roll #4 - 1939 to 1945 (JPL-510)

JPL's first historical film, a rough spliced edit from earlier films.

Scenes:

Title:

3. Flight tests to determine aerodynamic characteristics of the WAC CORPORAL were carried out with a 1/5 scale model by the ORDCIT Project at Goldstone Lake, California

erecting the launcher; three men lowering a rocket;

Title:

The BABY WAC booster rocket and missile propulsion units utilized a special restricted-burning asphalt-base solid propellant. The missile reached an altitude of 3000 ft.

Man assembling the Baby Wac; C/U; two men loading it in launcher; connecting firing wires; launch and flight; c/u of missile in ground;

Title:

Component parts of the missile designed and fabricated by the ORDCIT Project were assembled by the Douglas Aircraft Co.

The missiles were flown to the

White Sands Proving Ground
by the ORDCIT AIRLINE

loading crate in twin engine aircraft;

Title:

The firing tests were made at the White Sands Proving Ground, New Mexico, during the period September 26 to October 25, 1945.

pan of White Sands; aerial of White Sands;

Title:

Four booster-alone rounds were fired to check the launcher and to check radar tracking equipment. The boosters reached an altitude of approximately 14,000 ft.

firings;

Title:

Two dummy WAC CORPORAL rounds were fired to check launching technique and booster-missile separation after launching. The dummy rounds reached an altitude of approximately 7,500 ft.

C/U of missile; launch; missile falling to ground;

Title:

Two partial propellant charge WAC CORPORAL rounds were fired to proof test the rocket propulsion system. These rounds reached an altitude of approximately 25,000 ft.

firing; men by small crater looking at pieces;

Title:

Six full propellant charge WAC CORPORAL rounds were fired. Radio sonde sets were installed in the nose of 5 rounds. The nose release mechanism functioned only on 3 rounds. Design modifications are being made to improve the

release mechanism.

The missile was serviced with
propellant in the launcher.

men working on cables or hoses; man adjusting thins on the
launcher and equipment truck; launch; launch; launch
tracking with smoke trail;

Title:

Satisfactory flight data were obtained
by radar tracking on the last round
which was fired at night.

The results were as follows:

Maximum altitude reached 235,000 ft

Maximum velocity at end of burning

(at 80,000 ft) 3,100 ft/sec

night launch; group of men examining the wreckage of a
missile;

THE END

Audience: Gen. Resource

Client: B. Baggett, Org. 1800

Master: DVCPPro25 Submaster: DVD

Audio 1: Silent 2: Silent Cross Ref: JPL-510 Rowe#76

16mm color film transfer made 7/24/06 by FotoKem.

08/28/2006 - 0:07:19 Producer: Emerson (SB)

AVC-2006-153-1/1 **NASA/NOAA Data Indicate Ozone Layer Is Recovering - Video File**

Animation of monthly average ozone levels as detected by
NASA's Total Ozone Mapping Spectro-

meter (Jan '79-Aug '03). Interview excerpts: Dr. Ross
Salawitch, Sr. Research Scientist, JPL. Animations of HALOE,
TOMS, SAGE II and SBUV instruments and some of their data.

HALOE = Halogen Occultation Experiment on NASA's Upper
Atmosphere Research Satellite

TOMS = Total Ozone Mapping Spectrometer on NASA/NOAA
Nimbus-7 spacecraft

SAGE = Stratospheric Aerosol and Gas Experiment on NASA's
Earth Radiation Budget Satellite

SBUV= Solar Backscatter Ultraviolet on NASA/NOAA Nimbus 7
spacecraft

Audience: News

Client: Buis

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

08/29/2006 - 0:06:24 Producer: Kline

AVC-2006-157-1/1 **NASA Rover Nears Martian Bowl Goal - Video File MER**

Mars Exploration Rover Opportunity is nearly at half-mile wide Victoria Crater. 1. Anim. of 3D model of Victoria Crater. 2. Intvu: Dr. John Grotzinger, MER team, Caltech. 3. Animated map tracing rover's 5.6-mile trek so far. 4. Still showing relative sizes of major craters visited.

Relative sizes are shown for:

Eagle Crater (in which Opportunity landed)

Endurance Crater

Victoria Crater

Audience: News Resource

Client: Webster

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

09/09/2006 - 0:07:31 Producer: Kline

AVC-2006-158-1/1 **NASA's Mars Reconnaissance Orbiter Reaches Planned Flight Path-VF MRO**

Animations: deployment of antenna for the Shallow Subsurface Radar instrument and removal of lens cover of the Compact Reconnaissance Imaging Spectrometer for Mars instrument.

Interviews with Dr. Roberto Seu, PI/the radar & Dr. Scott Murchie, Johns Hopkins APL, PI/the spectrometer.

Dr. Roberto Seu

University of Rome La Sapienza

Principal Investigator for Shallow Subsurface Radar

Dr. Scott Murchie

Johns Hopkins University Applied Physics Laboratory

Principal Investigator for Compact Reconnaissance Imaging Spectrometer for Mars

For more info:

www.nasa.gov/mro

<http://marsprogram.jpl.nasa.gov/mro>

Audience: News Resource

Client: Webster

Master: DVCPRO50

Audio 1: Mono mix 2: Mono mix

09/11/2006 - 0:06:05 Producer: Kline

AVC-2006-159-1/1 **NASA Sees Rapid Changes in Arctic Sea Ice - Video File**

NASA data show that Arctic perennial sea ice, which normally survives the summer melt and remains year-round, shrunk abruptly by 14 percent between 2004 and 2005. Year-long models of sea ice retreat was obtained from data taken from

NASA's Quikscat satellite.
Audience: News Resource Site: JPL
Client: NASA TV/Hill/Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/12/2006 - 0:05:55 Producer: Savona

AVC-2006-160-1/1 **von Kármán Lecture Series: Beyond Pluto - The Discovery of 2003 UB313**

Presented by Dr. Michael Brown, Professor of Planetary Astronomy at Cal Tech. Dr. Brown discusses the discovery of 2003 UB 313, an object larger than Pluto with an orbit at least twice as large, the new definition of a planet and how it will affect bodies found in space.

Audience: Gen. Site: von Kármán Aud.
Client: PSO
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
09/14/2006 - 1:21:42 Producer: Hardine

AVC-2006-163-1/1 **Short-Term Ocean Cooling Suggests Global Warming - Video File**

The average temperature of the upper portion of the oceans has cooled since 2003, but that doesn't mean global warming has been put in reverse -- it may have just encountered a 'speed bump'. New research suggests that warming trends are not always steady in their effects on temperatures.

Audience: News Resource Site: JPL
Client: NASA TV/Buis/Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/19/2006 - 0:08:04 Producer: Savona

AVC-2006-164-1/1 **NASA Study...Transport of Air Pollution - Video File**

A NASA and university study of ozone and carbon monoxide pollution in Earth's atmosphere is providing insights into the sources and how the chemicals are transported around the world. Researchers used observations from space to differentiate between human & natural activity.

Audience: News Resource Site: JPL
Client: NASA TV/Buis/Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/19/2006 - 0:08:02 Producer: Savona

AVC-2006-165-1/1 **Ground-Piercing Radar on NASA Mars Orbiter Ready for Work - MRO VFile**

1. Members of international radar team react to data from 1st test of the entire instrument's proper functioning in Mars orbit. 2. Interview: Dr. Roger Phillips, Washington U/St. Louis, Dep. Team Leader, Shallow Subsurface Radar. 3. Animation: radar antenna deploys.
Audience: News Resource
Client: G. Webster
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/19/2006 - 0:05:52 Producer: Kline

AVC-2006-166-1/1 **Saturn Images Reveal New Ring and Other Features - Video File Cassini**

1. Image of newly-discovered ring of Saturn.
2. Diffuse E ring with Saturn's moon Enceladus right in the middle of it.
3. Color image of Earth and Earth's moon taken by Cassini at Saturn.
4. Animation of Cassini spacecraft at Saturn.
Audience: News Resource
Client: Martinez
Master: DVCPro50
Audio 1: MOS 2: MOS
09/19/2006 - 0:03:23 Producer: Kline

AVC-2006-168-1/1 **NASA Study Tracks Global Sources, Transport of Air Pollution - TES VF**

Data from the Tropospheric Emission Spectrometer (TES) on NASA's Aura satellite. Animations: Aura satellite, high levels of ozone and CO in S. hemisphere, TES vertical profiles. Video: air pollution. Interview Dr. Kevin Bowman, JPL.
Audience: News Resource
Client: Buis
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/22/2006 - 0:08:12 Producer: Savona/Kline

AVC-2006-169-1/1 **Cassini At Saturn Update - Pilot Web Production**

Candice Hansen, Discipline Scientist for Cassini, reports on the latest flyby of Titan, Saturn's largest moon. The first in a series of updates of the Cassini spacecraft at Saturn. Produced strictly for the web.
Audience: Gen. Site: JPL
Client: Veronica McGregor

Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
09/25/2006 - 0:01:25 Producer: Hill/Savona

AVC-2006-170-1/1

Project Voyager: To the Giant Planets

A public release film describing "MJS'77," the Voyager Project, as it began. Showing Voyager in construction at JPL. The science experiments are described and the parts of the craft are shown. Wire-frame computer animation depicts the flight parts of Voyagers One and Two to Jupiter and Saturn and their moons and possibly on to Neptune.

Credits: John Gregoire, Bill Rowe, Charley Kohlhase, Sylvia Von Dillen, Paul Penzo, Jim Wilson.

Audience: Gen. Resource

Client: B. Baggett, Org. 1800

Master: DVCPro50 Submaster: DVD

Audio 1: Mono mix 2: Mono mix Cross Ref: JPL 1053 R#60

16mm color film transfer made 7/24/06 by FotoKem.

04/08/1977 - 0:15:09 Producer: JPL Photo Lab

AVC-2006-172-1/1

Smart Art: Imaging the Cosmos Super Spotlight

September 2006 "Super Spotlight" produced for the web. This month features the Spitzer Space Telescope and the Galaxy Evolution Explorer. Dr. Robert Hurt uses his computer to shift things that are invisible to our eyes and makes them visible.

Audience: Gen. Edu.

Site: JPL

Client: Media Relations/Hill

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

10/02/2006 - 0:03:32 Producer: Savona

AVC-2006-174-1/1

VIDEO FILE: NASA's New Mars Camera Gives Dramatic View of Planet

The highest resolution camera ever to orbit Mars has begun taking low altitude images from the Mars Reconnaissance Orbiter over Valles Marineris. Project scientist Dr. Rich Zurek explains the testing of this camera and other instruments aboard the spacecraft.

Audience: News Resource

Client: NASA TV/Webster

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

10/02/2006 - 0:13:59 Producer: Doherty

AVC-2006-175-1/1

Solar System Mission Montage -- Looping DVD -- 16x9 FORMAT

Animations and imagery from Stardust, Mars Exploration Rovers, Deep Impact, JUNO, Mars Reconnaissance Orbiter, "Best of NASA Science 2005" (AVC-2006-023), Saturn's moons in motion (AVC-2006-108), and Spitzer Space Telescope.

*** 16x9 FORMAT *** Some animations are silent.

Audience: Gen.

Client: Wessen

Master: DVD Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

10/04/2006 - 0:21:25 Producer: Kline

AVC-2006-176-1/1 **Mars Press Briefing 10/6/2006 8am PST**

Panelists: Doug McCuiston, Director of Mars Exploration Program, NASA HQ; Steve Squyres, Principle Investigator, Cornell University; Jim Bell, Lead Scientist, Rover panoramic camera, Cornell University. Discussed are the new pictures from "Opportunity" and next phase work.

Audience: Gen. News Resource Site: NASA HQ

Client: Media Relations

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

10/06/2006 - 0:53:00 Producer: NASA HQ

AVC-2006-180-1/1 **NASA Finds Saturn's Moons May Be Creating New Rings - VFile Cassini**

Images: 165-image mosaic of backlit Saturn, previously unknown faint ring, two new ringlets within the Cassini Division. Movie: a bright arc on the inner edge of Saturn's G ring. Animation: Cassini spacecraft in orbit around Saturn.

Audience: News Resource

Client: Martinez

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: MOS 2: MOS

10/10/2006 - 0:03:35 Producer: Kline

AVC-2006-181-1/1 **NASA's Spitzer Sees Day and Night on Exotic World - Video File**

NASA's Spitzer Space Telescope has taken the first-ever measurements of the day & night temperatures of a planet outside our solar system. Image: artist's concept of star & planet. Animation: planet revolving around star, with and without data superimposed. Includes Spitzer spacecraft.

Audience: News Resource

Client: Hill/Clavin

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: MOS 2: MOS

10/11/2006 - 0:03:30 Producer: Kline

AVC-2006-183-1/1 **von Kármán Lecture- Looking for Life in All the Strange Places,...**

Lecture Series - "Looking for Life in All the Strange Places, With all the Right Tools"

Presented by Dr. Timothy Krabach, manager of the JPL Life Detection Science & Technology program office.

Audience: Gen. Site: von Kármán Aud.

Client: PSO

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

10/12/2006 - 1:08:22 Producer: Hardine

AVC-2006-185-1/1 **Mars Reconnaissance Orbiter Early Images Briefing**

Moderator: Natalie Godwin, Media Relations Rep.

Dr. Steve Saunders-Program Scientist, Mars Reconnaissance Orbiter/NASA HQ

Dr. Scott Murchie-Principal Investigator, Compact Reconnaissance Imaging Spectrometer for Mars/John Hopkins University Applied Physics Laboratory in Laurel, MD.

Dr. Alfred McEwen-Principal Investigator, High Resolution Imaging Science Experiment/University of Arizona, Tucson

Dr. Rich Zurek-Project Scientist, Mars Reconnaissance Orbiter/JPL

Jim Graf-Project Manager, Mars Reconnaissance Orbiter/JPL

Audience: News Resource Site: von Kármán Aud

Client: Guy Webster, Org. 1810

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

10/16/2006 - 1:01:00 Producer: Savona

AVC-2006-190-1/1 **The Rocketmen - 70th Anniversary Super Spotlight**

The story of the men who did the first rocket engine experiments that led ultimately to the creation of JPL.

Includes audio interview excerpts of Frank Malina, one of the men, who later became JPL's first Executive Director.

Audience: Gen. Resource

Client: Hill

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

10/24/2006 - 0:03:20 Producer: Kline

AVC-2006-192-1/1 **CMA: "A Technologist in Wonderland" - Dr. Paul Dimotakis**

A Caltech Management Association (CMA) presentation. JPL

Chief Technologist, Dr. Paul Dimotakis shares his

impressions and vision for JPL's science and technology

activities and his hopes for bringing the Laboratory and Campus closer together in the future.

As an ancient Greek philosopher noted, "Everything flows. Twice in the same river you could not enter." To illustrate that the only constant is change, consider the dynamic activities and influences at JPL: the continuing scientific results yielded by past missions, the Laboratory's recent achievements in flight projects and space exploration, its ever-increasing capabilities that promise an exciting future, and the evolving NASA and world environments.

Audience: Gen. Site: von Kármán Aud.

Client: Randii Wessen

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

10/25/2006 - 1:11:28 Producer: Savona

AVC-2006-193-1/1 **Cassini at Saturn Update Web Production Compilation**

Produced for the Web. The Cassini spacecraft has been touring the Saturnian system for over two years. Project member Todd Barber gives us an update of the spacecraft's latest images and the most recent discoveries.

(FUTURE UPDATES TO BE EDITED TO THIS TAPE)

Audience: Gen.

Client: Media Relations

Master: DVCPro50

Audio 1: Mono mix 2: Mono mix

Future compilation of six months of updates

10/25/2006 - 0:01:38 Producer: Hill/Savona

AVC-2006-196-1/1 **NASA Post Panorama to Celebrate Rover's 1000th Martian Day**

NASA's Mars Exploration Rover Spirit finishes its 1000th Martian day on October 26, continuing a mission originally planned for 90 Martian days. A color 360 degree panorama shows the rugged surroundings.

Interview: Dr. John Callas

B-Roll: Pans of McMurdo panorama

Audience: Gen. News Resource

Client: G. Webster

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

10/26/2006 - 0:06:48 Producer: J. Doherty

AVC-2006-197-1/1 **NASA's Spitzer Space Telescope: Galactic Ghost Buster - Web Video**

Jet Propulsion Laboratory's Spitzer Space Telescope reveals galactic forms evocative of Halloween nights: ghouls, ghosts and long-legged beasts.

The telescope uses infrared imaging to see through clouds of dust and gas.

Produced for the Web.

Audience: Gen.

Client: Media Relations

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

10/30/2006 - 0:03:02 Producer: Savona/Hill

AVC-2006-200-1/1 **Spitzer and Hubble Create Colorful Masterpiece - Video File**

A visible light/ultraviolet light image of the Orion nebula made by the Hubble Space Telescope is seen with an infrared image of the same area made by the Spitzer Space Telescope. The images are blended to create a rich, colorful image.

Animation: the Spitzer Space Telescope.

Audience: News Resource

Client: Clavin/Hill

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: MOS 2: MOS

11/06/2006 - 0:02:53 Producer: Kline

AVC-2006-203-1/1 **NASA Sees into the Eye of a Monster Storm on Saturn - Cassini VidFile**

Movie of a hurricane-like storm at Saturn's south pole with a well-developed eye ringed by towering clouds, made from images from Cassini spacecraft.

Animation: Cassini spacecraft at Saturn.

Audience: News Resource

Client: Martinez

Master: DVCPPro25 Submaster: DVCPPro25

Audio 1: MOS 2: MOS

11/09/2006 - 0:03:20 Producer: Doherty

AVC-2006-207-1/1 **von Kármán Lecture Series- "Black Holes in the Universe"**

A marvelous presentation by Dr. Curt Cutler, Senior Research Scientist for the Relativistic Astrophysics Group, laced with humor and wry observations. Dr. Cutler provided a great overview of Black Holes, and many questions followed the presentation.

Audience: Gen.

Site: von Kármán Aud

Client: PSO

Master: DVCPPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

11/16/2006 - 1:30:00 Producer: Hardine

AVC-2006-208-1/1 **NASA's Mars Global Surveyor May Be at the End of Long Life-VideoFile**

Audience: News
Client: NASA TV/ Webster
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
11/14/2006 - 0:09:19 Producer: Ford

AVC-2006-212-1/1 **Saturn Essay #4 - Cassini Mission Stills with Music**
Cassini images with titles of Saturn and its moons taken in 2006 for presentation at AGU in San Francisco.
Audience: Gen.
Client: Wessen/Piazza
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/04/2006 - 0:03:19 Producer: Savona

AVC-2006-213-1/1 **Lunar Architecture News Conference**
NASA unveiled the initial elements of the Global Exploration Strategy and a proposed U.S. lunar architecture, two critical tools for achieving the nation's vision of returning humans to the moon.
Participants:
Shana Dale, NASA Deputy Administrator;
Doug Cooke, deputy associate administrator, Exploration Systems Directorate;
Scott Horowitz, NASA associate administrator for the Exploration Systems Mission Directorate.
Audience: News Site: JSC
Client: B. Baggett, Org. 18
Master: DVD
Audio 1: Mono mix 2: Mono mix
12/04/2006 - 0:57:00 Producer: JSC (SB)

AVC-2006-214-1/1 **NASA's Mars Global Surveyor Images Suggest Water Still Flows on MarsVF**
Before & after images of two gullies on Mars. Images of new impact craters. Interview excerpts: Dr. Mike Malin, Principal Investigator, Mars Orbiter Camera, & Dr. Kenneth Edgett, MGS Imaging Team Member, both of Malin Space Science Systems. Animation of Mars Global Surveyor spacecraft.
Audience: News Resource
Client: Hill/Webster
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/04/2006 - 0:09:34 Producer: Kline

AVC-2006-216-1/1 **NASA's Mars Orbiter Photographs Rovers and Viking Landers- Video File**

Images from NASA's Mars Reconnaissance Orbiter show three additional spacecraft that have landed on Mars: Spirit, Viking 1 Lander, and Viking 2 Lander. These images provide scientists with valuable high resolution information about the surrounding terrain at each site.

Audience: News Resource

Client: Agle

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

12/05/2006 - 0:03:39 Producer: Doherty/Ford

AVC-2006-217-1/1 **Mars Discoveries: Liquid Water & Impact Craters - Web Video**

Dr. Mike Malin & Dr. Ken Edgett of Malin Space Science Systems describe the discoveries. Before & after images of the Martian surface and of the location of the new craters. Animation of Mars Global Surveyor spacecraft, whose images made the discoveries possible.

Audience: JPL

Client: Hill

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

12/06/2006 - 0:03:19 Producer: Kline

AVC-2006-218-1/1 **Mars Global Surveyor Science Update**

They announced newly found water channels and recent meteor craters.

Panelists: Dr. Michael Meyer-Lead scientist, Mars Exploration Program, NASA HQ.

Dr. Michael Malin-Pres. and chief scientist, Malin Space Science Systems, San Diego, Calif.

Dr. Kenneth Edgett-Scientist, Malin Space Science Systems

Dr. Philip Christensen-Professor, Arizona State University, Tempe, Ariz.

Audience: News Resource

Site: NASA HQ

Client: NASA HQ

Master: DVCPro25 Submaster: DVCPro25

Audio 1: Mono mix 2: Mono mix

12/06/2006 - 1:01:00 Producer: HQ (Hanchett)

AVC-2006-219-1/1 **NASA's GALEX Spacecraft Sees Black Hole Munch on a Star -Video File**

A giant black hole has been caught red-handed dipping into a cosmic cookie jar of stars by NASA's GALEX spacecraft. This is the first time astronomers have been able to watch the

whole process of a black hole eating a star, from its first to nearly final bites.

Audience: News Resource

Client: Hill/Clavin

Master: DVCPRO50 Submaster: DVCPRO50

Audio 1: Mono mix 2: Mono mix

12/04/2006 - 0:06:39 Producer: Ford

AVC-2006-220-1/1 **Von Kármán Lecture Series- Mars Reconnaissance Orbiter**

JPL's Mars Reconnaissance Orbiter Deputy Project Scientist, Dr. Suzanne Smrekar discussed the Mission of the MRO spacecraft.

Following orbit insertion in March 2006 and a six-month aerobraking campaign, the Mars Reconnaissance Orbiter (MRO) will have begun an intensive period of science observations lasting two years in a low-altitude, near-circular science orbit. The MRO spacecraft carries a sophisticated suite of instruments whose higher spatial resolutions, extended coverage at current best resolutions, improved signal-to-noise, and complementary exploitation of different parts of the electromagnetic spectrum will provide a wealth of new detail to address many questions of how the Martian climate has changed over time. Of particular interest are the implications of that change for our understanding of the planetary surface and atmosphere that we see today, the role of water during different epochs, and for the habitability of the planet, past or future. The ability of MRO to deploy and operate these instruments in their various observing modes, to coordinate their imaging, and to return the order of magnitude more data that they will generate will enable-as its name implies-a thorough reconnaissance of the planet and a storehouse of data that will be mined for years to come.

Audience: Gen. Site: von Kármán Aud

Client: Public Services, Org. 1840

Master: DVCPRO25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

12/07/2006 - 1:07:23 Producer: Hardine

AVC-2006-221-1/1 **NASA's Spacecraft...Clues to Changes on Mars - Video File**

Layers on Mars are yielding history lessons mined by instruments flying overhead and rolling across the surface.

New images from NASA's Mars Reconnaissance Orbiter and the Mars Exploration Rover Opportunity are telling the tale.

Audience: News Resource

Client: NASA TV/Webster

Master: DVCPPro50 Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/12/2006 - 0:09:22 Producer: Savona

AVC-2006-222-1/1 **NASA's Spitzer Picks up Glow of Universe's First Objects-Video file**

New observations suggest that infrared light detected in a prior study originated from clumps of the very first objects of the universe. Recent data indicate this patchy light splattered across the sky comes from clusters of bright object more than 13 billion light-years away.

Audience: News Resource

Client: Hill

Master: DVCPPro50

Audio 1: Mono mix 2: Mono mix

12/14/2006 - 0:06:18 Producer: Ford

AVC-2006-224-1/1 **Molecule Max Presents: The Water Cycle**

Combined live action and computer animated story starring a 1950's animated science teacher and a present day JPL atmospheric scientist. It's a fun look at the difference between our understanding of the hydrologic cycle from the 1950's and 2006. The effects of global warming are highlighted.

Audience: Gen. Edu.

Client: Hussey

Master: DVCPProLP Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

12/21/2006 - 0:04:58 Producer: New Wave Entertainment

AVC-2006-227-1/1 **Deep Impact to a Comet - Video Resources**

2 DVD versions each (with or without captions) of

1) Deep Impact: Your First Look inside a Comet - 9:57 2)

Deep Impact: Mission to a Comet - 9:39

Also included: 640x480 video data files in .avi, .mov, .mp4 and .wmv formats of the two programs plus a "Clip Reel" - 17:18

Audience: Resource

Client: Maura Roundtree

Master: DVD Submaster: DVD

Audio 1: Mono mix 2: Mono mix

12/29/2006 - 0:39:12 Producer: Kline/Savona

AVC-2007-001-1/1 **NASA's Mars Team Teaches Old Rovers New Tricks to Kick Off Year 4 -VF**

Animated route of Spirit's exploration. Pan of "Columbia Hills". Movies of Martian dust devils. Compilation of

Spirit's launch and landing.
Animated route of Opportunity's exploration. Zoom to
Opportunity at Victoria Crater. Interview:
Scott Maxwell, Rover Planner, JPL.
Audience: News Resource
Client: Hill/Webster
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/02/2007 - 0:08:46 Producer: Kline

AVC-2007-002-1/1 **3 Years on Mars: Spirit**
Overview of Mars Exploration Rover Spirit's first two years
on Mars, and the story of the dramatic race to her winter
resting place during year three. Interviews with John
Callas, Scott Maxwell, Ashitey Trebi-Ollennu and Chris
Leger.
Audience: Gen.
Client: Super Spotlight
Master: DVCProHD Submaster: DVCPro25
Audio 1: Stereo 2: Stereo
01/04/2007 - 0:03:33 Producer: Hill/Doherty

AVC-2007-003-1/1 **Space Pillars Feel the Heat of Star's Explosion - Video File**
The three iconic space pillars photographed by NASA's Hubble
Space Telescope might have met their demise, according to
new evidence from NASA's Spitzer Space Telescope.
Speculation is that a shock wave from the explosion of a
star could have toppled the dust towers about 6,000 years
ago.
Audience: News Resource Site: JPL
Client: NASA TV/Clavin/Hill
Master: DVCPro50 Submaster: DVCPro25
Audio 1: Silent 2: Silent
01/05/2007 - 0:03:28 Producer: Savona

AVC-2007-004-1/1 **NASA Project Management Challenge 2007 Video - Interviews for JSC**
Jim Graf, Bob Mitchell & Brian Wilcox answer 10 questions
submitted by JSC. Relevant B-roll is included for each.
Audience: Resource
Client: JSC
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
01/10/2006 - 0:40:48 Producer: Kline

AVC-2007-007-1/1 **Molecule Max Presents: The Water Cycle - Web Version**
Live action/computer animated story starring a 1950's

animated science teacher and a present day JPL atmospheric scientist looks at the difference between our understanding of the hydrologic cycle from the 1950's and 2006. Effects of global warming highlighted. Special Web Title card.

Audience: Gen.

Client: Hussey

Master: DVCPProHD

Audio 1: Mono mix 2: Mono mix

01/22/2007 - 0:04:56 Producer: New Wave Entrtainmt

AVC-2007-009-1/1

2005 Sun-Earth Science Compilation

A Compilation of animation, video and images regarding the Sun and its interaction with the 3rd rock from it.

Audience: Resource

Site: NASA HQ

Client: DC Agle

Master: DVCPPro25

Audio 1: Mono mix 2: Mono mix

01/23/2007 - 1:29:00 Producer: NASA HQ

AVC-2007-010-1/1

Mars Global Surveyor: A Decade of Discovery

Images and music highlight the accomplishments of the Mars Global Surveyor.

Audience: JPL News

Client: Mars Outreach

Master: DVCPProHD

Audio 1: Mono mix 2: Mono mix

01/23/2007 - 0:04:55 Producer: Hulme

AVC-2007-013-1/1

3 Years on Mars: Opportunity

Overview of Mars Exploration Rover Opportunity's first three years on Mars: overcoming obstacles; and the story of its journey to the promise land, Victoria Crater, 6 kilometers to the south. Interviews with John Callas, Emily Eelkema, Scott Maxwell and Albert Haldemann.

Audience: Gen.

Client: Media Relations

Master: DVCPProHD Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

Edited in High Definition (720p)

01/24/2007 - 0:03:34 Producer: Hill/Savona

AVC-2007-014-1/1

von Kármán Lecture Series-Two Thousand Sunsets on Mars

Presented by Dr. Bruce Banerdt, MER Project Scientist, this is a marvelous overview of the Rover Mission and a fascinating look at many of the images and geological data sent back to earth by Spirit and Opportunity.

Audience: Gen. Site: von Kármán Aud
Client: PSO
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
01/26/2007 - 1:28:40 Producer: Hardine

AVC-2007-019-1/1 **NASA FY 2008 Budget Briefing**
NASA Administrator, Michael Griffin discussed the upcoming budget from the President for the entire federal government. He said there was a 3.1 percent increase which demonstrates commitment to our nation's leadership in space and aeronautics research.
Audience: NASA Site: NASA HQ
Client: NASA HQ
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
02/05/2007 - 0:58:41 Producer: NASA HQ

AVC-2007-022-1/1 **CSI: Comet/Asteroid Scene Investigation**
Don Yeomans and Paul Chodas of the Near Earth Objects office describe the events that took place in December 2004 when data suggested asteroid Apophis would impact Earth in 2024.
Audience: Gen.
Client: Super Spotlight Web Video
Master: DVCProHD Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
Produced as Super Spotlight web video
02/06/2007 - 0:03:03 Producer: Hill/Doherty

AVC-2007-023-1/1 **NASA Press Briefing regarding Astronaut Lisa Nowak**
Moderator: David Mould-NASA HQ Public Affairs;
NASA's Deputy Administrator-Shana Dale; NASA's General Council-Mike Wally; NASA's Chief Health & Medical Officer-Richard S. Williams; JSC's Deputy Dir. & NASA Astronaut Bob Cabana; Dr. Jeff Davis-Dir. of Space Life Sciences, NASA and Jim Rastahar-NASA HQ. Public Affairs
NASA held this briefing to address general questions from media concerning astronauts, their selection and screening, flight training and other matters.
Audience: NASA Site: NASA HQ
Client: NASA HQ
Master: DVCPro25
Audio 1: Mono mix 2: Mono mix
02/07/2007 - 1:05:00 Producer: NASA HQ

AVC-2007-026-1/1 **NASA's Spitzer Sees Comets Clash at Heart of Helix Nebula - VideoFile**

The Spitzer Space Telescope made this image of the glow of a dusty disk surrounding a star at the center of the Helix Nebula. The dust is the result of collisions among comets. The nebula is seen in infrared. Includes animation of Spitzer Space Telescope in orbit.
Audience: News Resource
Client: Hill/Clavin
Master: DVCPro25
Audio 1: MOS 2: MOS
02/09/2007 - 0:03:15 Producer: Ford

AVC-2007-027-1/1 **NASA's Mars Orbiter Sees Effects of Ancient Underground Fluids - MRO/VF**

Detailed images from the High Resolution Imaging Science Experiment camera show a chemical bleaching and cementation along fractures in exposed bedrock. Interview: Dr. Chris Okubo, geologist, U. of Arizona, Tucson.
Animation: Mars Reconnaissance Orbiter.
Audience: News Resource
Client: Hill/Webster
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/12/2007 - 0:07:11 Producer: Kline

AVC-2007-029-1/1 **NASA's Spitzer First to Crack Open Light of Alien Worlds-Vidfile**

For the first time ever, NASA's Spitzer Space Telescope has captured enough light from an exoplanet, a planet outside our solar system. The landmark achievement is a key step toward being able to detect life on extrasolar planets and comes years before astronomers had expected.
Audience: News Resource
Client: Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
02/20/2007 - 0:07:11 Producer: Ford

AVC-2007-030-1/1 **How Sensitive Is SIM PlanetQuest?**

Animation shows the SIM spacecraft. SIM will be an optical interferometer operating in an Earth-trailing solar orbit. The spacecraft will be able to detect planets as small as Earth.
Audience: Gen. JPL
Client: Randy Jackson
Master: DVCProHD Submaster: DVCPro50
Audio 1: Music 2: Music
02/21/2007 - 0:01:30 Producer: Savona

- AVC-2007-033-1/1 **Taking in the Atmosphere of Faraway Worlds - Spitzer Web Video**
 Spectrum data from NASA's Spitzer Space Telescope reveals an atmosphere that may contain water on a Jupiter-like planet orbiting near a star. The new findings are explained by JPL's Mark Swain, Caltech's Carl Grillmair, and Goddard's L. Jeremy Richardson.
 Audience: Gen. JPL NASA
 Client: JPL/Caltech
 Master: DVCPro50 Submaster: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 02/21/2007 - 0:03:11 Producer: Hill/Kline/Doherty
- AVC-2007-035-1/2 **NASA Explorer Schools- LEGO Robotics Competition**
 SoCaNESRoC-Southern Calif NASA Explorer Schools Robotic Competition. A fast paced, fascinating look at elementary and middle school level robotic competition. Team compete against the clock with LEGO robots they have built and programmed themselves.
 This tape includes the competition and commentary.
 Audience: Gen. Edu. News Site: von Kármán Aud
 Client: Education Outreach
 Master: DVCPro25 Submaster: DVD
 Audio 1: Mono mix 2: Mono mix
 02/22/2007 - 1:27:58 Producer: J. Doherty
- AVC-2007-035-2/2 **NASA Explorer Schools- LEGO Robotics Competition**
 SoCaNESRoC-Southern Calif NASA Explorer Schools Robotic Competition. A fast paced, fascinating look at elementary and middle school level robotic competition. This tape includes 2 speakers-Paulo Younse, Robotic Hardware Grp & Paolo Belluta, MER Planner. Following is the Awards Ceremony.
 Audience: Gen. Edu. News Site: von Kármán Aud
 Client: Education Outreach
 Master: DVCPro25 Submaster: DVD
 Audio 1: Mono mix 2: Mono mix
 02/22/2007 - 1:05:47 Producer: J. Doherty
- AVC-2007-036-1/1 **von Kármán Lecture Series: The Dawn Mission to the Asteroid Belt**
 The Dawn Mission to the Asteroid Belt: Coming This Summer to a Solar System Near You. Dawn Mission Project Systems Engineer Dr. Marc Rayman discussed Dawn's planned launch in June of 2007 and how the spacecraft will orbit Ceres and Vesta, the two most massive residents of the asteroid belt and among the last unexplored worlds in

the inner solar system. Remnants from the tin planets formed, Ceres and Vesta hold clues that will help scientists understand the dawn of the solar system.

Audience: Gen. Site: von Kármán Aud
Client: Public Servicesq, Org. 1840
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
02/22/2007 - 1:17:00 Producer: Reggie Hardine

AVC-2007-040-1/1 **Cassini Returns Never-Before-Seen Views of the Ringed Planet-VF**

NASA's Cassini spacecraft captured never before seen views of Saturn from high above and below the planet's rings. A beautiful montage of images and dramatic movie showing the rings as they appear to Cassini while it sped from south to north across the ring plane has scientist gushing.

Audience: News Resource
Client: Martinez/Hill
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/01/2007 - 0:04:32 Producer: Ford

AVC-2007-042-1/1 **MRO Flies Over Mars Rovers' Work Sites - Video File**

NASA's twin Mars rovers, Spirit and Opportunity, are in their fourth year of operation on the Red Planet. NASA's Mars Reconnaissance Orbiter's (MRO) High Resolution Imaging system provide animation flyover views of the Columbia Hills in Gusev Crater and Victoria Crater in Meridiani.

Audience: News Resource
Client: NASA TV/Webster
Master: DVCPro50 Submaster: DVCPro25
Audio 1: Silent 2: Silent
03/13/2007 - 0:04:44 Producer: Savona

AVC-2007-046-1/1 **NASA Women's History Month: Julie Townsend - Video File**

"Generations of Women Moving History Forward" is the theme of this year's NASA Women's History Month. Systems engineer, Julie Townsend of the Jet Propulsion Laboratory is one of the tenacious and talented women of NASA. She worked on the Mars Exploration Rovers and currently ATHLETE project.

Audience: News Resource
Client: NASA TV/Godwin
Master: DVCProHD Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
03/15/2007 - 0:08:33 Producer: Savona

AVC-2007-047-1/1 **International Polar Year - Web Video - IPY**

Dr. Eric Rignot ("ree-NOE"), JPL Research Sci., Dr. Leslie Tamppari, Phoenix Project Sci. & Dr. Jim Garvin, Chief Scientist, Goddard, explain the purpose of the IPY and how it could relate to study of the poles on the moon and other planets. NOTE: Use HD version for SD dubs. Not made for HD.

Audience: Gen.

Client: Hill/Buis

Master: DVCPHD

Audio 1: Mono mix 2: Mono mix

03/20/2007 - 0:03:48 Producer: Kline

AVC-2007-050-1/1 **Cassini Images Seas on Titan - Video File**

Multiple instruments on NASA's Cassini spacecraft have found evidence of seas, likely filled with liquid methane or ethane, concentrated near the poles of Titan. Cassini scientist Stephen Wall explains the findings.

Audience: News

Client: NASA TV/Martinez

Master: DVCP50 Submaster: DVCP50

Audio 1: Mono mix 2: Mono mix

03/21/2007 - 0:07:27 Producer: Doherty

AVC-2007-051-1/1 **NASA Science Update - New Phenomena on the Sun**

Never before seen images that show the sun's magnetic are much more turbulent and dynamic than previously known. The International Spacecraft Hinode, formerly known as Solar B, took the images. This briefing and images emanated from the Marshall Spaceflight Center, Huntsville AL

Audience: JPL NASA News Site: MSFC

Client:

Master: DVCP25

Audio 1: Mono mix 2: Mono mix

03/21/2007 - 1:00:00 Producer: MSFC

AVC-2007-054-1/1 **von Kármán Lecture Series- MRO: New Details of Young and Old Mars**

Dr. Sue Smrekar, Deputy Project Scientist, Mars Reconnaissance Orbiter gave an overview of early mission results, including observations of potential landing sites for Mars Science Laboratory and the Phoenix Mission.

Audience: Gen. Site: von Kármán Aud

Client: Public Services, Org. 1840

Master: DVCP25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

03/22/2007 - 1:15:30 Producer: Hardine

AVC-2007-055-1/1 **Cassini Images Bizarre Hexagon on Saturn - Video File**

An odd, six-sided, honeycomb-shaped feature circling the entire north pole of Saturn has captured the interest of scientists with NASA's Cassini mission. The hexagon is nearly 15,000 miles across. Nearly four Earths could fit inside of it.

Audience: News Resource

Client: NASA TV/Martinez

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Silent 2: Silent

03/26/2007 - 0:02:54 Producer: Savona

AVC-2007-058-1/1 **Spitzer Finds Planets Thrive Around Stellar Twins - Video File**

The double sunset that Luke Skywalker gazed upon in the film "Star Wars" might not be fantasy. Astronomers using NASA's Spitzer Space Telescope have observed that planetary systems are at least as abundant in twin-star systems as they are in star systems like our own, with only one star.

NOTE: The scenes from "Star Wars: Episode IV - A New Hope" (Luke Skywalker watches the double sunset on Tatooine; One still photo of the double sunset on Tatooine) are copyrighted by Lucasfilm Ltd., used with their permission for use on the Internet and NASA TV by NASA. Further use of the material requires permission from Lucasfilm Ltd.

Audience: News Resource

Client: NASA TV/Clavin

Master: DVCPPro50 Submaster: DVCPPro50

Audio 1: Mono mix 2: Mono mix

Includes Lucasfilm Ltd. copyrighted material

03/29/2007 - 0:06:14 Producer: Hill/Savona

AVC-2007-062-1/1 **The Tour Designers: Charting Cassini's Next Moves - Web Video**

Cassini mission tour designers Brent Buffington, John Smith & Nathan Strange and Cassini scientist Jonathan Lunine explain the complexities of creating a route for the spacecraft on the two- year extension of its mission.

Audience: Gen.

Client: Hill/Martinez

Master: DVCPProHD

Audio 1: Left 2: Right

04/05/2007 - 0:03:39 Producer: Kline

AVC-2007-064-1/1 **"Dr. Rosaly Lopes Speaks to Brazil"**

Dr. Rosaly Lopes speaks to students and teachers of Bezerros, Brazil.

(Spoken in Portuguese)

Audience: Gen. Edu.

Client: Dr. Rosaly Lopes
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
04/10/2007 - 0:05:28 Producer: Savona

AVC-2007-066-1/1 **von Kármán Lecture Series- "Hot Topic, Cool Science"**
Presented by Dr. Charles Miller, Deputy Principal Investigator, Orbiting Carbon Observatory (OCO). Dr. Miller discussed how Carbon Dioxide, the primary greenhouse gas effects our atmosphere and the role th OBO will play in helping us to understand the global carbon cycle.
Audience: Gen. Site: von Kármán Aud
Client: PSO
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
04/12/2007 - 1:35:10 Producer: Hardine

AVC-2007-067-1/1 **Spitzer: NASA Astronomers Map Out Planetary Danger Zones Video File**
Astronomers have laid down the cosmic equivalent of yellow "caution" tape around super hot stars, marking the zones where cooler stars are in danger of having their developing planets blasted away. Spitzer Space Telescope study, reveals the first maps of so-called planetary "danger zones".
Audience: News Resource
Client: NASA TV/Clavin/Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Silent 2: Silent
04/17/2007 - 0:03:50 Producer: Savona

AVC-2007-068-1/1 **Ice Expedition: A Video Journal - web video**
JPL's Alberto Behar leads an expedition to frozen West Greenland to study the inner workings of a glacier and "moulins", wide vertical shafts created by meltwater that connect the ice surface to the flowing water beneath a glacier.
Audience: Gen.
Client: S. Watanabe
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
12/11/2006 - 0:02:15 Producer: Kline

AVC-2007-071-1/1 **NASA Goddard STEREO News Briefing on First 3D Images of the Sun**
Participants: Michael Kaiser-STEREO Proj. Scientist, NASA Goddard Space Flight Center; Dr. Paulett Liewer-STEREO

Project Co-Investigator, JPL; Dr. Spiro Antiochos-STEREO
Project Co-Investigator, Navel Research Lab; Dr. Madhulika
Guhathakurta-STEREO Program Scientist, NASA Headquarters.
Showed first 3D images from the Sun by: Dr. Eric De
Jong-Solar System Visualization/STEREO Co-Investigator, JPL;
Dr. Jean-Pierre Wuelser-STEREO Co-Investigator, Lockheed
Martin, Palo Alto, California
Audience: News Resource Site: NASA Goddard
Client: DC Agle
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
04/23/2007 - 0:40:00 Producer: Goddard

AVC-2007-083-1/1 **NASA's Spitzer Finds Hottest Planet...Exoplanet - Video File**

NASA's Spitzer Space Telescope has learned what the weather
is like on two exotic worlds very far away from our own.
One team of astronomers used the infrared telescope to
create the first-ever atmosphere map of a distant planet, a
gas giant called HD 189733b.
Audience: News Resource
Client: NASA TV/Clavis/Hill
Master: DVCProHD Submaster: DVCPro25
Audio 1: Mono mix 2: Mono mix
05/09/2007 - 0:06:47 Producer: Savona

AVC-2007-084-1/1 **von Kármán Lecture Series- "The Search for Earth-like Planets:...**

"The Search for Earth-like Planets: Looking for Signs of
Life" Presented by Dr. Victoria Meadows, Principal
Investigator, Virtual Planetary Laboratory, Spitzer Science
Center, CalTech.
Audience: Gen. Site: von Kármán Aud
Client: PSO
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
05/10/2007 - 1:11:20 Producer: Hardine

AVC-2007-086-1/1 **NASA QuikScat Finds Region of Antarctica Melted - Video File**

Extensive regions of snow in west Antarctica melted in
response to warm temperatures there in January 2005,
according to a new study of satellite data by NASA and
university scientists. They used data from NASA's QuikScat
satellite.
Audience: News Resource
Client: NASA TV/Buis/Hill
Master: DVCProHD Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix

05/15/2007 - 0:05:10 Producer: Savona

AVC-2007-088-1/1 **Earth Open House Video Compilation for 2007**
West Antarctica melting ice sheet story; 2005 animation of hurricane seasons from QuikScat data; TES Instrument onboard Aura Spacecraft; Aura MLS animation of Ozone; INSAR video; Earth Observation Summit video and The Water Cycle with Molecule Max
Audience: Edu. Resource
Client: Karen Yuen
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/18/2007 - 0:24:40 Producer: Savona

AVC-2007-089-1/1 **Cassini Rings in the New Year**
Slide show set to music of 2006's best Saturnian rings images taken by the Cassini spacecraft.
Audience: Gen.
Client: Wessen
Master: DVCProHD Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
05/18/2007 - 0:04:47 Producer: Doherty

AVC-2007-093-1/1 **The Search for Spock's Planet - Web Video - Vulcan103141**
Dr. Jo Pitesky narrates an animation describing the discovery of a planet similar to the fictitious planet "Vulcan," home to the character Mr. Spock in the original STAR TREK TV series.
Audience: Gen.
Client: Randy Jackson
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
05/18/2007 - 0:00:40 Producer: Kline

AVC-2007-103-1/1 **NASA's Dawn Spacecraft to Go to Asteroids - Video File**
Dawn will orbit asteroid Vesta and dwarf planet Ceres. Spacecraft in clean room. Animations: mission, asteroids form asteroid belt, trajectory. Stills of Vesta and Ceres. Intvus: Chris Russell, Principal Investigator (PI); Carol Raymond, Deputy PI; Marc Rayman, Project Systems Engineer.
Audience: JPL NASA News
Client: Agle/Hill
Master: DVCPro50 Submaster: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/12/2007 - 0:09:52 Producer: Kline

- AVC-2007-106-1/1 **Dawn - A Mission to Two Asteroids - Web Video**
 Actor Leonard Nimoy describes the Dawn mission to asteroid Vesta and dwarf planet Ceres. Comments from Chris Russell, Principal Investigator (PI); Carol Raymond, Deputy PI; Marc Rayman, Project Systems Engineer. Includes animations of mission events and asteroid belt.
 Audience: JPL
 Client: Agle/Hill
 Master: DVCProHD
 Audio 1: Mono mix 2: Mono mix
 06/18/2007 - 0:03:20 Producer: Kline
- AVC-2007-115-1/1 **von Kármán Lecture Series-"Phoenix:Science & Weather Station on Mars"**
 Presented by Dr. Michael Hecht, Co-Investigator and MECA Lead on the Phoenix Mission, this is a fascinating overview of the Phoenix Lander Mission,scheduled to launch in August of 2007, and land at the North Pole of Mars in May, 2008.
 Audience: Gen. Edu. JPL Site: vK Aud
 Client: PSO
 Master: DVCPro25 Submaster: DVD
 Audio 1: Mono mix 2: Mono mix
 06/21/2007 - 1:13:10 Producer: Kennedy
- AVC-2007-122-1/1 **Mars Phoenix Animation with Sound Effects**
 Launch animation from Eric de Jong group.
 At-Mars animation from Maas Digital.
 Audience: JPL NASA News
 Client: Webster
 Master: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 07/05/2007 - 0:09:30 Producer: Kline
- AVC-2007-123-1/1 **NASA Readies Mars Lander for August Launch to Icy Site - VF Phoenix**
 Animation of Phoenix Mars Lander mission. B-roll of spacecraft construction and testing. Interviews with Barry Goldstein, Phoenix Project Manager/JPL and Peter Smith, Phoenix Principal Investigator, University of Arizona, Tucson.
 Audience:
 Client: Webster/Hill
 Master: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 07/05/2007 - 0:11:23 Producer: Kline
- AVC-2007-132-1/1 **von Kármán Lecture Series - "The International Geophysical Year"**

" Igniting a Revolution in American Science. Launching Science into Space" presented by Dr. Erik Conway, the JPL Historian. He discusses the International Geophysical Year initiated in 1957, with the first space-science launch.

Audience: JPL Site: von Kármán

Client: PSO

Master: DVCPro25 Submaster: DVD

Audio 1: Mono mix 2: Mono mix

07/19/2007 - 1:25:44 Producer: Hardine

AVC-2007-150-1/1 **Challenges of Getting to Mars: Transporting Phoenix Lander for Launch**

A chronicle of the delicate procedure of moving the immense Phoenix Mars Lander across the country to Kennedy Space Center for launch.

1. Complete audio mix (4:16)

2. Voice and nat sound only, no music (4:16)

Audience:

Client: Mars

Master: DVCProHD

Audio 1: Mono mix 2: Mono mix

08/14/2007 - 0:08:52 Producer: Tozzi

AVC-2007-154-1/1 **Voyager: Inspiring Generations - 30th Anniversary Web Video**

Ed Stone, Project Scientist, and John Casani, former Proj. Mgr., talk about the mission. Also: Tracy Drain, Lead Systems Engineer for Mars Recon- naissance Orbiter, and Mars Exploration Rover driver Scott Maxwell, who as children were inspired by Voyager to work in the space program.

Audience: Gen. JPL NASA

Client: Hill

Master: DVCProHD Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

08/21/2007 - 0:03:21 Producer: Kline

AVC-2007-162-1/1 **As Martian Skies Brighten, Rovers Roll...Video File**

NASA's Mars Exploration Rover Opportunity prepares to drive into Victoria Crater. Spirit, has climbed onto a long-term destination plateau called "Home Plate".

Animation rover in crater; Pan of crater; image of Home Plate(PIA9088) and interview with John Callas

Audience: Gen. JPL NASA News Resource

Client: NASA TV/Webster/Hill

Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

09/06/2007 - 0:05:55 Producer: Savona

- AVC-2007-165-1/1 **Cassini Flies by Saturn's Moon Iapetus...Video File**
 The Cassini spacecraft's only close flyby of Saturn's odd, two-toned moon Iapetus on Sept. 10, 2007, is providing some never-before-seen views of the walnut-shaped moon. Included: Raw images and animation of Cassini flying by Saturn's moon Iapetus & interview with Torrence Johnson
 Audience: Gen. JPL NASA News Resource
 Client: NASA TV/Martinez
 Master: DVCPro50 Submaster: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 09/13/2007 - 0:06:04 Producer: Savona
- AVC-2007-167-1/1 **Mars Reconnaissance Orbiter:Insight into Water & Climate - VF MRO**
 NASA's Mars Reconnaissance Orbiter (MRO) finds several features on Mars that address the role of water at different times in Martian history.
 Includes: Flyover over gullied crater; detailed view of Martian valley; layered deposits at Martian North Pole;spacecraft animation&interview
 Audience: Gen. JPL NASA News Resource
 Client: NASA TV/Webster/Hill
 Master: DVCProHD Submaster: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 09/20/2007 - 0:21:09 Producer: Savona
- AVC-2007-174-1/1 **The Big Thaw - Web Video about Arctic Ice Loss**
 Son Nghiem, JPL scientist, and Gregory Neumann, JPL radar engineer, describe the possible causes and effects of dramatic shrinkage of the perennial ice cover at Earth's North Pole. Includes footage of icebreaker ship and descriptive animations.
 Audience: JPL
 Client: Buis/Hill
 Master: DVCProHD Submaster: DVCPro50
 Audio 1: Mono mix 2: Mono mix
 09/27/2007 - 0:03:04 Producer: Kline
- AVC-2007-183-1/1 **Cassini on the Trail of a Runaway Mystery - Iapetus Video File**
 Stills of Saturn's moon Iapetus made during a Cassini flyby. Interview excerpts: Amanda Hendrix, Cassini Scientist, NASA's Jet Propulsion Laboratory. Animation of the Cassini spacecraft flying by the moon Iapetus.
 Audience: NASA News
 Client: Martinez
 Master: DVCPro50 Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix
10/04/2007 - 0:07:12 Producer: Kline

AVC-2007-185-1/1 **Cassini Provides New Views of Land of Lakes and Seas - Titan VidFile**

Movie of the Cassini spacecraft radar-mapping the north pole of Saturn's moon Titan, compiled from a year and a half of flybys. Pan and scan of composite image of the north pole. Animation of Cassini spacecraft flying by Titan.

Audience: JPL NASA News

Client: Martinez

Master: DVCPro50

Audio 1: MOS 2: MOS

10/09/2007 - 0:05:58 Producer: Kline

AVC-2007-186-1/1 **NASA's MRO Spies Future Mars Landing Site Candidates Video File**

Zoom and pan moves was created on a color image of the Nili Fossae region of Mars, taken by the high resolution camera on NASA's Mars Reconnaissance Orbiter (MRO). Included is a longer version of the zoom pan movie; animation of Mars Reconnaissance Orbiter and animation of Mars Science Laboratory.

Audience: Gen. JPL NASA News Resource

Client: NASA TV/Webster/Hill

Master: DVCProHD Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

10/11/2007 - 0:06:48 Producer: Savona

AVC-2007-187-1/1 **Candidate for a 2009 Mars Landing - Web Video**

Principal Investigator Alfred McEwen describes the Martian terrain at one of several candidate landing sites. Zoom and pan moves was created on a color image of the Nili Fossae region of Mars.

This Web video was produced from AVC-2007-186 Video File.

Audience: Gen. JPL NASA News

Client: Media Relations

Master: DVCProHD Submaster: DVD

Audio 1: Mono mix 2: Mono mix

10/11/2007 - 0:00:56 Producer: Savona

AVC-2007-190-1/1 **von Kármán Lecture Series - Predicting Climate Change**

□ Predicting Climate Change: Removing the Mystery

Duane Waliser, Principal Scientist from the JPL Water and Carbon Cycles Group discussed the fundamentals and challenges associated with building climate models.

Audience: Tech. JPL

Site: von Kármán Aud

Client: Blaine Baggett, Org. 1800

Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
10/18/2007 - 1:30:32 Producer: Hardine

AVC-2007-193-1/1 **Backstage Pass to Iapetus - Web Video**
Images from Cassini's closest flyby of Saturn's moon Iapetus are viewed and commented on by the Cassini team as they come down from the spacecraft. A rare look at first impressions by a mission team as they view raw images.
Audience: JPL NASA
Client: Martinez/Hill
Master: DVCProHD
Audio 1: Mono mix 2: Mono mix
10/06/2007 - 0:03:14 Producer: Kline

AVC-2007-210-1/1 **Cassini: News from Saturn, Web Productions Compilation**
Produced for the Web. The Cassini spacecraft has been touring the Saturnian system for over two years. Project members give us an update of the spacecraft's latest images and the most recent discoveries. (last update on 2/13/08)
(FUTURE UPDATES TO BE EDITED TO THIS TAPE)
Audience: Gen.
Client: Media Relations
Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
Nov., Dec., Feb.,
11/16/2007 - 0:06:00 Producer: Ford/Savona/Doherty

AVC-2007-218-1/1 **von Kármán Lecture Series - CHICOS: Detecting Ultra-High-Energy Rays**
Dr. Robert McKeown, Physicist from Caltech discussed the California High School Cosmic Ray Observatory (CHICOS) project. In the CHICOS project, schools across the Los Angeles area provide a network of detector sites and a valuable population of participating teachers and students.
Audience: Tech. JPL Site: von Kármán Aud
Client: PSO, Org. 1840
Master: DVCPro25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
12/06/2007 - 1:12:32 Producer: Kennedy

AVC-2007-220-1/1 **Europa: Cool Destination for Life? - Web Video**
Dr. Robert Pappalardo, JPL Sr. Research Scientist, explains why the warm salty ocean under the surface of Jupiter's moon Europa is a likely place --other than Earth--to find life in our solar system. Animation: Europa

"flexing" due to effects of its orbit. B-roll: Cryo Ices
Laboratory.
Audience: Gen. Edu. JPL NASA
Client: Hill
Master: DVCPProLP Submaster: DVCPProLP
Audio 1: Mono mix 2: Mono mix
12/13/2007 - 0:03:43 Producer: Kline

AVC-2007-223-1/1 **Rose Parade Float Marks Half a Century of American Space
Exploration**

Video file.
1. Construction
2. Test drive
3. Applying colored seeds (non-perishable)
Audience: JPL NASA News
Client: McGregor
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/20/2007 - 0:04:58 Producer: Kline

AVC-2007-224-1/1 **NASA Scientists Monitor Near Mars Asteroid - Video File**

Animation: possible paths of asteroid, pan of Mars surface.
Images: Tunguska, Siberia in 1908, NASA's spacecraft
currently operating at Mars. Interview: Steve Chesley, Near
Earth Object Scientist, NASA's Jet Propulsion Laboratory.
Audience: JPL NASA News
Client: Hill
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/20/2007 - 0:05:38 Producer: Kline

AVC-2007-226-1/1 **Rose Parade Float Marks Half Century of Amer.Space Exploration v2-
VF**

Updated from AVC-2007-223 to include application of live
plant material.
Audience: JPL NASA News
Client: Hill
Master: DVCPPro50
Audio 1: Mono mix 2: Mono mix
12/28/2007 - 0:06:22 Producer: Kline

AVC-2008-026-1/1 **The Beatles' song "Across the Universe" sent to the cosmos**

Live to NASA television show of coverage of "Across the
Universe" from JPL. The Deep Space Network sends a command
that streams the Beatles' song "Across the Universe" out into
the cosmos.

Audience: Gen. Site: SFOF
Client: NASA Television
Master: DVCPRO25 Submaster: DVD
Audio 1: Mono mix 2: Mono mix
02/04/2008 - 0:17:50 Producer: Baggett/Savona

AVC-2008-029-1/1 **Two (MER) Rovers: Spirit & Opportunity Web Videos**
Spirit and Opportunity: Two rovers wintering on opposite sides of Mars. The Mars Exploration Rovers (MER) have been operating on Mars for four years. Commemorating those four years on Mars are color images and pans from the rovers' remarkable journeys.
Audience: Gen.
Client: Media Relations
Master: DVCPROHD Submaster: DVD
Audio 1: Music 2: Music
02/05/2008 - 0:07:20 Producer: Hill/Savona

AVC-2008-033-1/1 **NASA Views Landing Site Through Eyes of Future Moon Crew - VideoFile**
Animations: astronaut's POV of descent to lunar surface (South Pole), natural wobble in moon's rotation, lunar S. polar surface illumination over a lunar day. B-roll: Deep Space Network's 70- meter antenna. Stills: elevation & slope maps. Int'view: Scott Hensley, P.I. JPL Lunar Image Team
Audience: JPL NASA News
Client: Agle
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
02/25/2008 - 0:09:00 Producer: Kline

AVC-2008-039-1/1 **Taking the Plunge: Cassini at Enceladus - Web Video**
Bob Mitchell, Cassini Program Mgr., and Cassini scientists Marcia Burton and John Spencer explain Cassini's flight path through the plumes at the south pole of Saturn's moon Enceladus. Animations and B-roll of Old Faithful Geyser.
Audience: Gen. JPL NASA
Client: Hill/Martinez
Master: DVCPROHD
Audio 1: Mono mix 2: Mono mix
03/04/2008 - 0:02:17 Producer: Kline

AVC-2008-060-1/1 **Cassini Finds Ocean May Exist Beneath Titan's Crust - Video File**
Animations: internal structure of Titan, Cassini spacecraft Titan flyby. Image series shows shift in surface features which may be due to Titan's crust being decoupled

from its core by an internal ocean. Interview: Bryan Stiles,
Cassini engineer, JPL.

Audience: JPL NASA News

Client: Martinez

Master: DVCPRO25

Audio 1: Mono mix 2: Mono mix

03/20/2008 - 0:04:34 Producer: Kline

AVC-2008-062-3/1 **NASA Extends Cassini Grand Tour of Saturn - Video File**
Images & movies from Cassini, including hexagon at Saturn's
N. Pole, Titan's lakes, Enceladus' geysers, Iapetus flyover.
Animation of new trajectory. Interview w/ Tour Designers John
Smith & Brent Buffington and Cassini Scientist Jonathan
Lunine. Animation of Cassini spacecraft at Saturn.
Audience: JPL NASA News
Client: Martinez
Master: DVCPRO50
Audio 1: Mono mix 2: Mono mix
04/09/2008 - 0:09:58 Producer: Savona/Kline

AVC-2008-068-1/1 **Phoenix Animation with Sound Effects (HD) - Includes Launch**
Audience: Edu. JPL Site: JPL
Client: Michelle Viotti
Master: DVCPROHD
Audio 1: Mono mix 2: Mono mix
04/30/2008 - 0:03:01 Producer: Scott Hulme

AVC-2008-078-1/1 **MSL Mars Science Laboratory Animation with Sound Effects**

This tape should be released instead of

AVC-2006-107. A scene has been deleted.

This is to reflect changes in the plan
of the mission.

Audience:

Client: JPL

Master: DVCPROHD

Audio 1: Mono mix 2: Mono mix

05/13/2008 - 0:05:47 Producer: JPL

AVC-2008-086-1/1 **Ocean Surface Topography Mission/Jason 2 L-30 Video File**

Satellite to Track Trends in Sea Level, Climate.

The Ocean Surface Topography Mission (OSTM)/Jason 2 is
undergoing final preparations for launch no earlier than
June 15, 2008, from California's Vandenberg Air Force Base.
Mission Animation; Arrival footage at Vandenberg; Interviews
& B-roll.

Audience: Edu. Resource

Client: NASA TV/Buis
Master: DVCPProHD Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
Master is in High Def; Standard Def.,available
05/20/2008 - 0:12:00 Producer: Savona

AVC-2008-087-1/1 **Ocean Surface Topography Mission/Jason 2 Web Production**

A brief overview of the Jason 2 mission to study the world ocean circulation and its links to Earth's climate, and improve weather and climate forecasts. The mission will help scientists better monitor and understand trends in global sea level rise--an indicator of global climate change.
Audience: Gen.

Client: Media Relations
Master: DVCPProHD Submaster: DVCPPro50
Audio 1: Mono mix 2: Mono mix
Standard Def. version is cropped from HD version
05/20/2008 - 0:02:36 Producer: Savona/Hill

AVC-2008-090-1/1 **Phoenix L-3 Press Briefing**

Press briefing three days before landing of Phoenix on the north pole of Mars.

Audience: JPL News
Client: Media Relations
Master: DVCPPro25
Audio 1: Mono mix 2: Mono mix
05/22/2008 - 1:15:00 Producer: Savona

AVC-2008-101-1/1 **Nerves and Joy - Phoenix Landing Night Recap**

Highlights of events in Phoenix MSA during entry, descent and landing on May 25, 2008, intermixed with animation of the spacecraft events.

Audience: Gen. JPL NASA News
Client: JPL
Master: DVCPProHD
Audio 1: Mono mix 2: Mono mix
05/25/2008 - 0:03:54 Producer: Tozzi

AVC-2008-118-1/1 **Sun to Set on Ulysses Solar Mission July 1 - Video File**

Animations: Ulysses in flight, trajectory, Heliosphere.
Launch & deployment of Ulysses on shuttle Discovery in 1990.
Sun imagery from STEREO mission. Intvus: Ed Massey, Ulysses Proj. Mgr, JPL; Ed Smith, Ulysses NASA Proj. Scientist, JPL; Nigel Arnold, Ulysses ESA Operations Mgr.
Audience: JPL NASA News
Client: Agle

Master: DVCPro50
Audio 1: Mono mix 2: Mono mix
06/11/2008 - 0:10:11 Producer: Kline

AVC-2008-124-1/1 **Ocean Surface Topography Mission/Jason 2 Pre-Launch Video File**

Satellite to Track Trends in Sea Level, Climate.

The Ocean Surface Topography Mission (OSTM)/Jason 2 is undergoing final preparations for launch on June 20, 2008, from California's Vandenberg Air Force Base. Includes: Mission Animation; Arrival footage at Vandenberg; Interviews and B-roll.

Audience: News Resource

Client: NASA/TV/Buis

Master: DVCProHD Submaster: DVCPro50

Audio 1: Mono mix 2: Mono mix

06/13/2008 - 0:13:08 Producer: Savona

End of File.