



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Fax-On-Demand 202-418-2830; Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SES-01110

Wednesday February 4, 2009

SATELLITE COMMUNICATIONS SERVICES INFORMATION

RE: ACTIONS TAKEN

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-AMD-20070426-00517 E E070006 Horizon Mobile Communications, Inc.
Amendment
Grant of Authority Date Effective: 01/30/2009

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: Various Mobile Units

LOCATION:

ANTENNA ID:	1	0.35 meters	Hughes Network Systems	HNS 9201
	1626.5000 - 1660.5000 MHz	200KD7W	21.00 dBW	Voice and Data Services
	1525.0000 - 1559.0000 MHz	50K0D7W	0.00 dBW	Voice and Data Services
	1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW	Voice and Data Services
	1626.5000 - 1660.5000 MHz	50K0D7W	21.00 dBW	Voice and Data Services
	1525.0000 - 1559.0000 MHz	200KD7W	0.00 dBW	Voice and Data Services
ANTENNA ID:	2	0.21 meters	Thrane and Thrane	Explorer 500, 700
	1626.5000 - 1660.5000 MHz	50K0D7W	16.10 dBW	Voice and Data Services
	1626.5000 - 1660.5000 MHz	200KD7W	16.10 dBW	Voice and Data Services
	1525.0000 - 1559.0000 MHz	50K0D7W	0.00 dBW	Voice and Data Services
	1525.0000 - 1559.0000 MHz	200KD7W	0.00 dBW	Voice and Data Services
	1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW	Voice and Data Services

ANTENNA ID: 3	0.125 meters	NERA	WorldPro 1000
1626.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW	Voice and Data Services
1626.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	Voice and Data Services
1525.0000 - 1559.0000 MHz	50K0G7W	0.00 dBW	Voice and Data Services
1525.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	Voice and Data Services
1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW	Voice and Data Services
ANTENNA ID: 4	0.2 meters	Add Value	Wideye Sabre I
1626.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW	Voice and Data Services
1626.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	Voice and Data Services
1525.0000 - 1559.0000 MHz	50K0G7W	0.00 dBW	Voice and Data Services
1525.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	Voice and Data Services
1525.0000 - 1559.0000 MHz	12K5G7W	0.00 dBW	Voice and Data Services

Points of Communication:

Various Mobile Units - INMARSAT 4F2 - (52.75)

SES-AMD-20090127-00072 E E980017 ACN Financing, Inc.
 Amendment
 Grant of Authority Date Effective: 01/28/2009

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

See assignment application SES-ASG-20080924-01235 associated with this amendment.

Points of Communication:

SES-AMD-20090130-00103 E E950288 EchoStar Corporation
 Amendment
 Grant of Authority Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Other

EchoStar Corporation seeks to withdraw its request to operate its transmit/receive earth station with the EchoStar 8 satellite operating under Mexican authority at 77 W.L. No other changes are requested. See File No. SES-MFS-20080926-01243.

SITE ID: T3 and T4
 LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY
 41 ° 7 ' 56.00 " N LAT. 104 ° 44 ' 9.00 " W LONG.

ANTENNA ID:	1	13.2 meters	TIW	LMATT 13.2 KU
17798.4820 - 17798.5180 MHz	36K0G2D	63.00 dBW	BPSK IDENTIFICATION CODE	
17790.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)	
17790.0000 - 17800.0000 MHz	800KG2D	84.67 dBW	TT&C	
17310.0000 - 17790.0000 MHz	24M0G7W	87.40 dBW	DIGITAL VIDEO ANDDATA	
17308.2500 - 17308.7500 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)	
17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	DIGITAL, COMPRESSED VIDEO	
17300.0000 - 17310.0000 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)	
17300.0000 - 17310.0000 MHz	800KG2D	84.67 dBW	TT&C	
12698.3500 - 12698.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)	
12690.0000 - 12700.0000 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)	
12690.0000 - 12700.0000 MHz	800KG2D		TT&C	
12210.0000 - 12690.0000 MHz	24M0G7W		DIGITAL VIDEO AND DATA	
12202.3500 - 12202.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)	
12200.3500 - 12200.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)	
12200.0000 - 12700.0000 MHz	24M0M1F		DIGITAL, COMPRESSED VIDEO	
12200.0000 - 12210.0000 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)	
12200.0000 - 12210.0000 MHz	800KG2D		TT&C	

Points of Communication:

- T3 and T4 - CIEL 2 - (128.85 W.L.)
- T3 and T4 - ECHOSTAR 10 - (110 W.L.)
- T3 and T4 - ECHOSTAR 11 - (110 W.L.)
- T3 and T4 - ECHOSTAR 2 - (148 W.L.)

T3 and T4 - EHOSTAR 3 - (61.5 W.L.)

T3 and T4 - EHOSTAR 4 - (77 W.L.)

T3 and T4 - EHOSTAR 5 - (129 W.L.)

T3 and T4 - EHOSTAR 6 - (72.7 W.L.)

T3 and T4 - EHOSTAR 8 - (110 W.L.)

T3 and T4 - EHOSTAR I - (148.0 W.L.)

T3 and T4 - RAINBOW1 - (61.5 W.L.)

SES-AMD-20090130-00104 E E970394 EchoStar Corporation

Amendment

Grant of Authority

Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Other

EchoStar Corporation seeks to withdraw its request to operate its transmit/receive earth station with the EchoStar 8 satellite operating under Mexican authority at 77 W.L. No other changes are requested. See File No. SES-MFS-20080926-01244.

SITE ID: GILBERT #1

LOCATION: 801 NORTH AMERICAN SKY BLVD., MARICOPA, GILBERT, AZ

33 ° 21 ' 55.30 " N LAT.

111 ° 48 ' 49.70 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13 KPK
17790.0000 - 17800.0000 MHz	800KG2D	72.30 dBW	TT&C	
17310.0000 - 17790.0000 MHz	24M0G7W	87.08 dBW	DIGITAL VIDEO AND DATA	
17307.5000 - 17308.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR EHOSTAR 4	
17304.5000 - 17305.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR EHOSTAR 6	
17301.0000 - 17302.0000 MHz	1M00G2D	73.20 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR EHOSTAR 3	
17300.5000 - 17301.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR EHOSTAR 5	
17300.0000 - 17800.0000 MHz	26M0G7D	87.40 dBW	FEEDERLINK	
17300.0000 - 17800.0000 MHz	26M0G7F	87.40 dBW	FEEDERLINK	
17300.0000 - 17310.0000 MHz	800KG2D	72.30 dBW	TT&C	
12698.5000 - 12699.5000 MHz	1M00G2D	0.00 dBW	TT&C FOR EHOSTAR 3	

12698.3500 - 12698.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
12210.0000 - 12690.0000 MHz	24M0G7W		DIGITAL VIDEO AND DATA
12202.5000 - 12203.5000 MHz	1M00G2D		TT&C FOR ECHOSTAR 3
12202.3500 - 12202.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12200.5000 - 12201.5000 MHz	1M00G2D		TT&C FOR ECHOSTAR 3
12200.3500 - 12200.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12200.3500 - 12200.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12200.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	TT&C FOR ECHOSTAR 5 AND ECHOSTAR 6
12200.0000 - 12700.0000 MHz	26M0G7D		DBS
12200.0000 - 12700.0000 MHz	26M0G7F		DBS
12200.0000 - 12210.0000 MHz	800KG2D		TT&C

Points of Communication:

- GILBERT #1 - CIEL 2 - (128.85 W.L.)
- GILBERT #1 - ECHOSTAR 10 - (110 W.L.)
- GILBERT #1 - ECHOSTAR 11 - (110 W.L.)
- GILBERT #1 - ECHOSTAR 2 - (148 W.L.)
- GILBERT #1 - ECHOSTAR 3 - (61.5 W.L.)
- GILBERT #1 - ECHOSTAR 4 - (77 W.L.)
- GILBERT #1 - ECHOSTAR 5 - (129 W.L.)
- GILBERT #1 - ECHOSTAR 6 - (72.7 W.L.)
- GILBERT #1 - ECHOSTAR 7 - (119 W.L.)
- GILBERT #1 - ECHOSTAR I - (148.0 W.L.)
- GILBERT #1 - RAINBOW1 - (61.5 W.L.)

SES-AMD-20090130-00105 E E980178 EchoStar Corporation
 Amendment
 Grant of Authority

Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Other

EchoStar Corporation seeks to withdraw its request to operate its transmit/receive earth station with the EchoStar 8 satellite operating under Mexican authority at 77 W.L. No other changes are requested. See File No. SES-MFS-20080926-01245.

SITE ID: GILBERT #3

LOCATION: 801 NORTH DISH DRIVE, MARICOPA, GILBERT, AZ

33 ° 21 ' 56.50 " N LAT.

111 ° 48 ' 49.70 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13 KPK	
	17790.0000 - 17800.0000 MHz		800KG2D	72.30 dBW	TT&C
	17310.0000 - 17790.0000 MHz		24M0G7W	87.08 dBW	DIGITAL VIDEO AND DATA
	17305.0000 - 17305.0000 MHz		900KF2D	72.80 dBW	TT&C CHANNEL
	17301.0000 - 17301.0000 MHz		900KF2D	72.80 dBW	TT&C CHANNEL
	17300.0000 - 17800.0000 MHz		26M0G7D	87.40 dBW	DIGITAL VIDEO, VOICE, DATA
	17300.0000 - 17800.0000 MHz		26M0G7F	87.40 dBW	DIGITAL VIDEO, VOICE, DATA
	17300.0000 - 17310.0000 MHz		800KG2D	72.30 dBW	TT&C
	12690.0000 - 12700.0000 MHz		800KG2D		TT&C
	12210.0000 - 12690.0000 MHz		24M0G7W		DIGITAL VIDEO AND DATA
	12200.0000 - 12700.0000 MHz		26M0G7D		DIGITAL VIDEO, VOICE, DATA
	12200.0000 - 12700.0000 MHz		26M0G7F		DIGITAL VIDEO, VOICE, DATA
	12200.0000 - 12210.0000 MHz		800KG2D		TT&C

Points of Communication:

GILBERT #3 - CIEL 2 - (128.85 W.L.)

GILBERT #3 - ECHOSTAR 10 - (110 W.L.)

GILBERT #3 - ECHOSTAR 11 - (110 W.L.)

GILBERT #3 - ECHOSTAR 2 - (148 W.L.)

GILBERT #3 - ECHOSTAR 3 - (61.5 W.L.)

GILBERT #3 - ECHOSTAR 4 - (77 W.L.)

GILBERT #3 - ECHOSTAR 5 - (129 W.L.)

GILBERT #3 - ECHOSTAR 6 - (72.7 W.L.)

GILBERT #3 - ECHOSTAR 7 - (119 W.L.)

GILBERT #3 - ECHOSTAR I - (148.0 W.L.)

GILBERT #3 - RAINBOW1 - (61.5 W.L.)

SES-ASG-20080924-01235 E E980017 ACN Financing, Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 01/28/2009

Current Licensee: ACN Financing, Inc.

FROM: ACN FINANCING, INC.

TO: America's Collectible Network, Inc. d/b/a Jewelry Television

No. of Station(s) listed: 1

See amendment application SES-AMD-20090127-00072 associated with this assignment.

SES-LFS-20070109-00042 E E070006 Horizon Mobile Communications, Inc.

License to communicate with a Foreign Satellite

Grant of Authority

Date Effective: 01/30/2009

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: Various Mobile Units

LOCATION: 20,000 Inmarsat BGAN Full duplex METs in U.S.

ANTENNA ID:	HNS	0.35 meters	Hughes Network Systems	HNS 9201
	1525.0000 - 1544.0000 MHz	12K5G7W	0.00 dBW	Voice and Data Services, QPSK ,Signaling
	1525.0000 - 1544.0000 MHz	200KD7W	0.00 dBW	Voice and Data Services, 16-QAM , BGAN
	1525.0000 - 1544.0000 MHz	50K0D7W	0.00 dBW	Voice and Data Services, 16-QAM, Signaling
	1626.5000 - 1645.5000 MHz	200KD7W	21.00 dBW	Voice and Data Services, 16-QAM, BGAN
	1646.5000 - 1660.5000 MHz	50K0D7W	21.00 dBW	Voice and Data Services, 16-QAM ,Signaling
	1646.5000 - 1660.5000 MHz	200KD7W	21.00 dBW	Voice and Data Services, 16-QAM , BGAN
	1545.0000 - 1559.0000 MHz	200KD7W		Voice and Data Services, 16-QAM , BGAN
	1545.0000 - 1559.0000 MHz	12K5G7W		Voice and Data Services, QPSK ,Signaling
	1626.5000 - 1645.5000 MHz	50K0D7W	21.00 dBW	Voice and Data Services, 16-QAM, Signaling

1545.0000 - 1559.0000 MHz	50K0D7W			Voice and Data Services, 16-QAM ,Signaling
ANTENNA ID: T&T	0.21 meters	Thrane and Thrane		Explorer 500, 700
1525.0000 - 1544.0000 MHz	50K0D7W	0.00 dBW		Voice and Data Services, 16-QAM ,Signaling
1626.5000 - 1645.5000 MHz	200KD7W	16.10 dBW		Voice and Data Services, 16-QAM , BGAN
1545.0000 - 1559.0000 MHz	12K5G7W			Voice and Data Services, QPSK ,Signaling
1646.5000 - 1660.5000 MHz	200KD7W	16.10 dBW		Voice and Data Services, 16-QAM , BGAN
1545.0000 - 1559.0000 MHz	50K0D7W			Voice and Data Services, 16-QAM ,Signaling
1545.0000 - 1559.0000 MHz	200KD7W			Voice and Data Services, 16-QAM , BGAN
1525.0000 - 1544.0000 MHz	12K5G7W	0.00 dBW		Voice and Data Services, QPSK ,Signaling
1646.5000 - 1660.5000 MHz	50K0D7W	16.10 dBW		Voice and Data Services, 16-QAM ,Signaling
1626.5000 - 1645.5000 MHz	50K0D7W	16.10 dBW		Voice and Data Services, 16-QAM ,Signaling
1525.0000 - 1544.0000 MHz	200KD7W	0.00 dBW		Voice and Data Services, 16-QAM , BGAN
ANTENNA ID: NERA	0.125 meters	NERA		WorldPro 1000
1525.0000 - 1544.0000 MHz	12K5G7W	0.00 dBW		Voice and Data Services, QPSK ,Signaling
1525.0000 - 1544.0000 MHz	200KG7W	0.00 dBW		Voice and Data Services, QPSK , BGAN
1626.5000 - 1645.5000 MHz	200KG7W	11.00 dBW		Voice and Data Services, pi/4 QPSK , BGAN
1626.5000 - 1645.5000 MHz	25K0G7W	11.00 dBW		Voice and Data Services, pi/4 QPSK ,Signaling
1646.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW		Voice and Data Services, pi/4 QPSK ,Signaling
1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW		Voice and Data Services, pi/4 QPSK, BGAN
1545.0000 - 1559.0000 MHz	50K0G7W			Voice and Data Services, QPSK ,Signaling

1545.0000 - 1559.0000 MHz	200KG7W		Voice and Data Services, QPSK , BGAN
1525.0000 - 1544.0000 MHz	50K0G7W	0.00 dBW	Voice and Data Services, QPSK ,Signaling
1545.0000 - 1559.0000 MHz	12K5G7W		Voice and Data Services, QPSK, Signaling
ANTENNA ID: AddValue	0.2 meters	Add Value	Wideye Sabre I
1525.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	Voice and Data Services, QPSK , BGAN
1545.0000 - 1559.0000 MHz	50K0G7W	0.00 dBW	Voice and Data Services, QPSK ,Signaling
1626.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	Voice and Data Services, pi/4 QPSK , BGAN
1626.5000 - 1645.5000 MHz	25K0G7W	11.00 dBW	Voice and Data Services, pi/4 QPSK ,Signaling
1646.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW	Voice and Data Services, pi/4 QPSK ,Signaling
1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	Voice and Data Services, pi/4 QPSK , BGAN
1525.0000 - 1544.0000 MHz	50K0G7W		Voice and Data Services, QPSK ,Signaling
1545.0000 - 1559.0000 MHz	200KG7W		Voice and Data Services, QPSK , BGAN
1525.0000 - 1544.0000 MHz	12K5G7W	0.00 dBW	Voice and Data Services, QPSK ,Signaling
1545.0000 - 1559.0000 MHz	12K5G7W		Voice and Data Services, QPSK ,Signaling

Points of Communication:

Various Mobile Units - INMARSAT 4F2 - (52.75)

Various Mobile Units - ISAT List -

SES-LIC-20080926-01248 E E080213 EchoStar Corporation

Application for Authority

01/30/2009 - 01/30/2024

Grant of Authority

Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: New Braunfels

LOCATION: 710 Conrads Lane, Comal, New Braunfels, TX

29 ° 45 ' 35.80 " N LAT.

98 ° 3 ' 49.30 " W LONG.

ANTENNA ID:	TXT7	13.2 meters	Vertex	13.2 meter
	12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
	12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
	12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
	12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
	17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
	17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
	17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
	17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
	17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
	12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry

ANTENNA ID:	TXT8	13.2 meters	Vertex	13.2
	17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
	17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
	17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
	12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
	12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
	12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
	12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
	12690.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
	17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
	17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones

Points of Communication:

New Braunfels - CIEL 2 - (128.85 W.L.)

New Braunfels - ECHOSTAR 10 - (110 W.L.)

New Braunfels - ECHOSTAR 11 - (110 W.L.)

New Braunfels - ECHOSTAR 3 - (61.5 W.L.)

12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones

Points of Communication:

- Mt. Jackson - CIEL 2 - (128.85 W.L.)
- Mt. Jackson - EHOSTAR 10 - (110 W.L.)
- Mt. Jackson - EHOSTAR 11 - (110 W.L.)
- Mt. Jackson - EHOSTAR 3 - (61.5 W.L.)
- Mt. Jackson - EHOSTAR 4 - (77 W.L.)
- Mt. Jackson - EHOSTAR 5 - (129 W.L.)
- Mt. Jackson - EHOSTAR 6 - (72.7 W.L.)
- Mt. Jackson - EHOSTAR 7 - (119 W.L.)
- Mt. Jackson - EHOSTAR 8 - (110 W.L.)
- Mt. Jackson - EHOSTAR I - (148.0 W.L.)
- Mt. Jackson - RAINBOW1 - (61.5 W.L.)

SES-LIC-20080926-01250 E E080215 EchoStar Corporation

Application for Authority

01/30/2009 - 01/30/2024

Grant of Authority

Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: Monee

LOCATION: 6737 West Steger Road, Will, Monee, IL
41 ° 28 ' 6.50 " N LAT.

87 ° 46 ' 36.00 " W LONG.

ANTENNA ID: ILT6 13.2 meters Vertex 13.2

12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
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12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
ANTENNA ID: ILT8	13.2 meters	Vertex	13.2 Meter
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones

Points of Communication:

Monee - CIEL 2 - (128.85 W.L.)

Monee - EHOSTAR 10 - (110 W.L.)

Monee - EHOSTAR 11 - (110 W.L.)

Monee - EHOSTAR 3 - (61.5 W.L.)

Monee - EHOSTAR 4 - (77 W.L.)

Monee - EHOSTAR 5 - (129 W.L.)

Monee - EHOSTAR 6 - (72.7 W.L.)

Monee - EHOSTAR 7 - (119 W.L.)

Monee - EHOSTAR 8 - (110 W.L.)

Monee - EHOSTAR I - (148.0 W.L.)

Monee - RAINBOW1 - (61.5 W.L.)

SES-LIC-20080926-01251 E E080216 EchoStar Corporation

Application for Authority

01/30/2009 - 01/30/2024

Grant of Authority

Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: Spokane

LOCATION: 9815 West Hallett Road, Spokane, Spokane, WA

47 ° 35 ' 31.70 " N LAT.

117 ° 33 ' 4.20 " W LONG.

ANTENNA ID:	WAT7	13.2 meters	Vertex	13.2
12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW		Ranging Tones
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW		Telemetry
12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW		Ranging Tones
17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW		Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW		Telecommand
17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW		Ranging Tones
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW		Telecommand
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW		Telemetry
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW		Compressed Digital Video and Data
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW		Compressed Digital Video and Data

Points of Communication:

Spokane - CIEL 2 - (128.85 W.L.)

Spokane - EHOSTAR 10 - (110 W.L.)

Spokane - EHOSTAR 11 - (110 W.L.)

Spokane - EHOSTAR 3 - (61.5 W.L.)

Spokane - EHOSTAR 4 - (77 W.L.)

Spokane - EHOSTAR 5 - (129 W.L.)

Spokane - EHOSTAR 6 - (72.7 W.L.)

Spokane - EHOSTAR 7 - (119 W.L.)

Spokane - EHOSTAR 8 - (110 W.L.)

Spokane - EHOSTAR I - (148.0 W.L.)

Spokane - RAINBOW1 - (61.5 W.L.)

SES-LIC-20081215-01607 E E080246 ITT CORPORATION

Application for Authority

01/29/2009 - 01/29/2024

Grant of Authority

Date Effective: 01/29/2009

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 10400 PHILIP PARKWAY BUILDING 81900, BREVARD, CAPE CANAVERAL AFB, FL
28 ° 25 ' 42.00 " N LAT. 80 ° 35 ' 44.00 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters PATRIOT 380AZ

11700.0000 - 12200.0000 MHz 51K2G7W DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION

11700.0000 - 12200.0000 MHz 4M00G7W DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION

14000.0000 - 14500.0000 MHz 51K1G7W 43.17 dBW DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION

14000.0000 - 14500.0000 MHz 4M00G7W 60.18 dBW DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20081217-01623 E E080248 Thunderbird School of Global Management **EZ**

Application for Authority

01/28/2009 - 01/28/2024

Grant of Authority

Date Effective: 01/28/2009

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1 Global Place, USA, Glendale, AZ
33 ° 37 ' 18.34 " N LAT. 112 ° 10 ' 57.12 " W LONG.

ANTENNA ID:	1	2.4 meters	Patriot	TXINT-240KUSG
	14000.0000 - 14500.0000 MHz	6M00C3F	65.00 dBW	QPSK Digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20081222-01678	E	E080250	VCY AMERICA INC.	
Application for Authority				01/29/2009 - 01/29/2024
Grant of Authority				Date Effective: 01/29/2009

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2700 W. VLIET STREET, MILWAUKEE, MILWAUKEE, WI
43 ° 2 ' 57.00 " N LAT. 87 ° 56 ' 51.30 " W LONG.

ANTENNA ID:	A1	4.1 meters	COMTECH ANT. SYSTEMS	"OFFSAT" "18FT."
	3700.0000 - 4200.0000 MHz		240KG7E	DIGITAL RADIO
	5925.0000 - 6425.0000 MHz		240KG7E	54.40 dBW DIGITAL RADIO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MFS-20080926-01242	E	E050029	EchoStar Satellite Operating L.L.C.	
Modification				01/30/2009 - 01/30/2019
Grant of Authority				Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: Multiple
LOCATION: CONUS 5,000,000 (0.45M antennas)

ANTENNA ID:	0.45M	0.45 meters	Various - all using the following specs.	Various
	12200.0000 - 12700.0000 MHz		24M0G7W	0.00 dBW DBS

Points of Communication:

Multiple - CIEL 2 - (128.85 W.L)

SES-MFS-20080926-01243	E	E950288	EchoStar Corporation	
Modification				10/27/2005 - 10/27/2020
Grant of Authority				Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Feeder Link for DBS in Fixed Satellite Service

SITE ID: T3 and T4

LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY

41 ° 7 ' 56.00 " N LAT.

104 ° 44 ' 9.00 " W LONG.

ANTENNA ID:	1	13.2 meters	TIW	LMATT 13.2 KU	
17790.0000 - 17800.0000 MHz			1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
17308.2500 - 17308.7500 MHz			1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
17300.0000 - 17800.0000 MHz			24M0M1F	87.40 dBW	DIGITAL, COMPRESSED VIDEO
17300.0000 - 17310.0000 MHz			1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
12698.3500 - 12698.6500 MHz			300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12690.0000 - 12700.0000 MHz			300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12202.3500 - 12202.6500 MHz			300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.3500 - 12200.6500 MHz			300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.0000 - 12700.0000 MHz			24M0M1F		DIGITAL, COMPRESSED VIDEO
12200.0000 - 12210.0000 MHz			300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.0000 - 12210.0000 MHz			800KG2D		TT&C
12690.0000 - 12700.0000 MHz			800KG2D		TT&C
17300.0000 - 17310.0000 MHz			800KG2D	84.67 dBW	TT&C
17790.0000 - 17800.0000 MHz			800KG2D	84.67 dBW	TT&C
12210.0000 - 12690.0000 MHz			24M0G7W		DIGITAL VIDEO AND DATA
17310.0000 - 17790.0000 MHz			24M0G7W	87.40 dBW	DIGITAL VIDEO ANDDATA
17798.4820 - 17798.5180 MHz			36K0G2D	63.00 dBW	BPSK IDENTIFICATION CODE

Points of Communication:

T3 and T4 - CIEL 2 - (128.85 W.L.)

T3 and T4 - ECHOSTAR 10 - (110 W.L.)

T3 and T4 - ECHOSTAR 11 - (110 W.L.)

T3 and T4 - ECHOSTAR 2 - (148 W.L.)

T3 and T4 - ECHOSTAR 3 - (61.5 W.L.)

T3 and T4 - ECHOSTAR 4 - (77 W.L.)

T3 and T4 - ECHOSTAR 5 - (129 W.L.)

T3 and T4 - ECHOSTAR 6 - (72.7 W.L.)

T3 and T4 - ECHOSTAR 8 - (110 W.L.)

T3 and T4 - ECHOSTAR I - (148.0 W.L.)

T3 and T4 - RAINBOW1 - (61.5 W.L.)

SES-MFS-20080926-01244 E E970394 EchoStar Corporation

Modification

03/06/2008 - 03/06/2023

Grant of Authority

Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Feeder Link for DBS in Fixed Satellite Service

SITE ID: GILBERT #1

LOCATION: 801 NORTH AMERICAN SKY BLVD., MARICOPA, GILBERT, AZ

33 ° 21 ' 55.30 " N LAT.

111 ° 48 ' 49.70 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13 KPK
	17307.5000 - 17308.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR ECHOSTAR 4
	17304.5000 - 17305.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR ECHOSTAR 6
	17301.0000 - 17302.0000 MHz	1M00G2D	73.20 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR ECHOSTAR 3
	17300.5000 - 17301.5000 MHz	1M50G2D	75.00 dBW	TRACKING AND COMMAND BEACON (TT&C) FOR ECHOSTAR 5
	17300.0000 - 17800.0000 MHz	26M0G7D	87.40 dBW	FEEDERLINK
	17300.0000 - 17800.0000 MHz	26M0G7F	87.40 dBW	FEEDERLINK
	12698.5000 - 12699.5000 MHz	1M00G2D	0.00 dBW	TT&C FOR ECHOSTAR 3
	12698.3500 - 12698.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
	12202.5000 - 12203.5000 MHz	1M00G2D		TT&C FOR ECHOSTAR 3
	12202.3500 - 12202.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
	12200.5000 - 12201.5000 MHz	1M00G2D		TT&C FOR ECHOSTAR 3

12200.3500 - 12200.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12200.3500 - 12200.6500 MHz	300KG2D		TT&C FOR ECHOSTAR 4
12200.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	TT&C FOR ECHOSTAR 5 AND ECHOSTAR 6
12200.0000 - 12700.0000 MHz	26M0G7D		DBS
12200.0000 - 12700.0000 MHz	26M0G7F		DBS
12200.0000 - 12210.0000 MHz	800KG2D		TT&C
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
17300.0000 - 17310.0000 MHz	800KG2D	72.30 dBW	TT&C
17790.0000 - 17800.0000 MHz	800KG2D	72.30 dBW	TT&C
12210.0000 - 12690.0000 MHz	24M0G7W		DIGITAL VIDEO AND DATA
17310.0000 - 17790.0000 MHz	24M0G7W	87.08 dBW	DIGITAL VIDEO AND DATA

Points of Communication:

- GILBERT #1 - CIEL 2 - (128.85 W.L.)
- GILBERT #1 - ECHOSTAR 10 - (110 W.L.)
- GILBERT #1 - ECHOSTAR 11 - (110 W.L.)
- GILBERT #1 - ECHOSTAR 2 - (148 W.L.)
- GILBERT #1 - ECHOSTAR 3 - (61.5 W.L.)
- GILBERT #1 - ECHOSTAR 4 - (77 W.L.)
- GILBERT #1 - ECHOSTAR 5 - (129 W.L.)
- GILBERT #1 - ECHOSTAR 6 - (72.7 W.L.)
- GILBERT #1 - ECHOSTAR 7 - (119 W.L.)
- GILBERT #1 - ECHOSTAR I - (148.0 W.L.)
- GILBERT #1 - RAINBOW1 - (61.5 W.L.)

SES-MFS-20080926-01245 E E980178 EchoStar Corporation
 Modification 05/29/2008 - 05/29/2023
 Grant of Authority Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Domestic Fixed Satellite Service, Other

SITE ID: GILBERT #3
 LOCATION: 801 NORTH DISH DRIVE, MARICOPA, GILBERT, AZ
 33 ° 21 ' 56.50 " N LAT. 111 ° 48 ' 49.70 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13 KPK	
	17305.0000 - 17305.0000 MHz		900KF2D	72.80 dBW	TT&C CHANNEL
	17301.0000 - 17301.0000 MHz		900KF2D	72.80 dBW	TT&C CHANNEL
	17300.0000 - 17800.0000 MHz		26M0G7D	87.40 dBW	DIGITAL VIDEO, VOICE, DATA
	17300.0000 - 17800.0000 MHz		26M0G7F	87.40 dBW	DIGITAL VIDEO, VOICE, DATA
	12200.0000 - 12700.0000 MHz		26M0G7D		DIGITAL VIDEO, VOICE, DATA
	12200.0000 - 12700.0000 MHz		26M0G7F		DIGITAL VIDEO, VOICE, DATA
	12200.0000 - 12210.0000 MHz		800KG2D		TT&C
	12690.0000 - 12700.0000 MHz		800KG2D		TT&C
	17300.0000 - 17310.0000 MHz		800KG2D	72.30 dBW	TT&C
	17790.0000 - 17800.0000 MHz		800KG2D	72.30 dBW	TT&C
	12210.0000 - 12690.0000 MHz		24M0G7W		DIGITAL VIDEO AND DATA
	17310.0000 - 17790.0000 MHz		24M0G7W	87.08 dBW	DIGITAL VIDEO AND DATA

Points of Communication:

- GILBERT #3 - CIEL 2 - (128.85 W.L.)
 - GILBERT #3 - ECHOSTAR 10 - (110 W.L.)
 - GILBERT #3 - ECHOSTAR 11 - (110 W.L.)
 - GILBERT #3 - ECHOSTAR 2 - (148 W.L.)
 - GILBERT #3 - ECHOSTAR 3 - (61.5 W.L.)
 - GILBERT #3 - ECHOSTAR 4 - (77 W.L.)
 - GILBERT #3 - ECHOSTAR 5 - (129 W.L.)
 - GILBERT #3 - ECHOSTAR 6 - (72.7 W.L.)
 - GILBERT #3 - ECHOSTAR 7 - (119 W.L.)
 - GILBERT #3 - ECHOSTAR I - (148.0 W.L.)
 - GILBERT #3 - RAINBOW1 - (61.5 W.L.)
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SES-MFS-20081031-01430 E E080162 SES Americom, Inc.
Modification 09/23/2008 - 09/23/2023
Grant of Authority Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: VVES Ciel-2
LOCATION: 11 Edsall Drive, Sussex, Vernon, NJ
41 ° 12 ' 10.00 " N LAT. 74 ° 31 ' 39.00 " W LONG.

ANTENNA ID:	VVCiel-2	11 meters	Vertex/RSI	11.0KPK	
	17300.0000 - 17800.0000 MHz		1M00G7W	87.40 dBW	Digital; TT&C Operations
	12200.0000 - 12700.0000 MHz		1M00G7W		Digital, TT&C Operations

Points of Communication:

VVES Ciel-2 - CIEL 2 - (128.85 W.L)

SES-MOD-20081003-01290 E E020306 EchoStar Corporation
Application for Modification 02/03/2003 - 02/03/2018
Grant of Authority Date Effective: 02/03/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: GD2
LOCATION: 801 North American Sky Blvd., Maricopa, Gilbert, AZ
33 ° 21 ' 59.80 " N LAT. 111 ° 48 ' 52.30 " W LONG.

ANTENNA ID:	GD2	9 meters	Vertex	9M	
	17308.0000 - 17309.0000 MHz		1M50G2D	73.70 dBW	Telemetry Beacon (TT&C)
	17300.0000 - 17800.0000 MHz		24M0G1F	85.78 dBW	Digital Carrier
	12698.0000 - 12698.0000 MHz		300KG2D	0.00 dBW	Telemetry Beacon (TT&C)
	12202.0000 - 12202.0000 MHz		300KG2D	0.00 dBW	Telemetry Beacon (TT&C)
	12200.0000 - 12700.0000 MHz		24M0G1F	0.00 dBW	Digital Carrier
	12200.0000 - 12200.0000 MHz		300KG2D	0.00 dBW	Telemetry Beacon (TT&C)
	12200.0000 - 12210.0000 MHz		800KG2D		TT&C
	12690.0000 - 12700.0000 MHz		800KG2D		TT&C
	17300.0000 - 17310.0000 MHz		800KG2D	71.01 dBW	TT&C

17790.0000 - 17800.0000 MHz	800KG2D	71.01 dBW	TT&C
17300.0000 - 17800.0000 MHz	24M0G7W	85.78 dBW	Digital Video and Data

Points of Communication:

- GD2 - ECHOSTAR 2 - (148 W.L.)
- GD2 - ECHOSTAR 3 - (61.5 W.L.)
- GD2 - ECHOSTAR 4 - (157 W.L.)
- GD2 - ECHOSTAR 4 - (77 W.L.)
- GD2 - ECHOSTAR 5 - (119 W.L.)
- GD2 - ECHOSTAR 5 - (148 W.L.)
- GD2 - ECHOSTAR 6 - (110 W.L.)
- GD2 - ECHOSTAR 7 - (119 W.L.)
- GD2 - ECHOSTAR 8 - (110 W.L.)
- GD2 - ECHOSTAR I - (148.0 W.L.)

SES-MOD-20081003-01291	E E980142	EchoStar Corporation	05/22/2008 - 05/22/2023
Application for Modification			Date Effective: 02/03/2009
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: 1
LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY
41 ° 7 ' 56.60 " N LAT. 104 ° 44 ' 15.60 " W LONG.

ANTENNA ID: 1	13.2 meters	TIW	13.2 METER
17308.2500 - 17309.7500 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
17300.0000 - 17800.0000 MHz	24M0G1W	85.00 dBW	DIGITAL VIDEO, FEC 3/4, feederlink for DBS
12698.3500 - 12698.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12202.3500 - 12202.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.3500 - 12200.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.0000 - 12700.0000 MHz	24M0G1W		DIGITAL VIDEO, FEC 3/4 (DBS)

12200.0000 - 12210.0000 MHz	800KG2D		TT&C
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
17300.0000 - 17310.0000 MHz	800KG2D	70.23 dBW	TT&C
17790.0000 - 17800.0000 MHz	800KG2D	70.23 dBW	TT&C
17300.0000 - 17800.0000 MHz	24M0G7W	85.00 dBW	DIGITAL VIDEO AND DATA

Points of Communication:

- 1 - EHOSTAR 10 - (110 W.L.)
- 1 - EHOSTAR 2 - (119 W.L.)
- 1 - EHOSTAR 2 - (148 W.L.)
- 1 - EHOSTAR 3 - (61.5 W.L.)
- 1 - EHOSTAR 4 - (157 W.L.)
- 1 - EHOSTAR 4 - (77 W.L.)
- 1 - EHOSTAR 5 - (129 W.L.)
- 1 - EHOSTAR 5 - (148 W.L.)
- 1 - EHOSTAR 6 - (110 W.L.)
- 1 - EHOSTAR 7 - (119 W.L.)
- 1 - EHOSTAR 8 - (110 W.L.)
- 1 - EHOSTAR I - (148.0 W.L.)
- 1 - RAINBOW1 - (61.5 W.L.)

SES-MOD-20081003-01297 E E980143 EchoStar Corporation

Application for Modification

06/10/2008 - 06/10/2023

Grant of Authority

Date Effective: 02/03/2009

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: 1

LOCATION: 530 EHOSTAR DRIVE, LARAMIE, CHEYENNE, WY

41 ° 7 ' 57.50 " N LAT.

104 ° 44 ' 14.30 " W LONG.

ANTENNA ID: 1 13.2 meters TIW 13.2 METER

17308.2500 - 17309.7500 MHz 1M50G2D 87.40 dBW COMMAND BEACON (TT&C)

17300.0000 - 17800.0000 MHz 24M0M1F 85.00 dBW DIGITAL VIDEO (DBS)

12698.3500 - 12698.6500 MHz	300KG2D			
12202.3500 - 12202.6500 MHz	300KG2D			
12200.3500 - 12200.6500 MHz	300KG2D			
17300.0000 - 17310.0000 MHz	800KG2D	70.23 dBW		TT&C
17790.0000 - 17800.0000 MHz	800KG2D	70.23 dBW		TT&C
17300.0000 - 17800.0000 MHz	24M0G7W	85.00 dBW		DIGITAL, VIDEO AND DATA
12200.0000 - 12210.0000 MHz	800KG2D			TT&C
12690.0000 - 12700.0000 MHz	800KG2D			TT&C

Points of Communication:

- 1 - EHOSTAR 2 - (118.8 W.L.)
- 1 - EHOSTAR 5 - (119 W.L.)
- 1 - EHOSTAR 5 - (148 W.L.)
- 1 - EHOSTAR 6 - (110 W.L.)
- 1 - EHOSTAR I - (148.0 W.L.)
- 1 - EHOSTAR-4 - (119 W.L.)

SES-RWL-20081103-01440 E E980224 ACME Television Productions, LLC
 Renewal 11/06/2008 - 11/06/2023
 Grant of Authority Date Effective: 01/30/2009

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1
 LOCATION: VARIOUS

ANTENNA ID: 1	4.1 meters	COMTECH	OFFSAT
5925.0000 - 6425.0000 MHz	36M0F3F	72.40 dBW	ANALOG TV WITH ASSOCIATED AUDIO SERVICE

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - MORELOS-2 - (116.8 W.L.)
- 1 - PAS-IR - (45.0 W.L.)

1 - PAS-9 - (58.0 W.L.)

1 - SOLIDARIDAD F-1 - (109.2 W.L.)

1 - SOLIDARIDAD F-2 - (113.0 W.L.)

1 - TDRS-6 - (47.0 W.L.)

SES-RWL-20081124-01509 E E050029 EchoStar Satellite Operating L.L.C.
Renewal 12/31/2008 - 12/31/2023
Grant of Authority Date Effective: 01/30/2009

Class of Station:

Nature of Service: Direct Broadcast Satellite Service

SITE ID: Multiple
LOCATION: CONUS 1,000,000 (0.55M antennas)

ANTENNA ID:	0.55M	0.55 meters	Various - all using the following specs.	Various
	12200.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	TT&C
	12200.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	TT&C

Points of Communication:

Multiple - EHOSTAR 5 - (129 W.L.)

SES-RWL-20090127-00071 E E990118 Capital Community Broadcasting, Inc.
Renewal 03/24/2009 - 03/24/2024
Grant of Authority Date Effective: 01/29/2009

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 360 EGAN DRIVE, JUNEAU, AK
58 ° 17 ' 56.00 " N LAT. 134 ° 24 ' 7.00 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC-ATLANTA	8345
	3700.0000 - 4200.0000 MHz	154KG7D		DATA, BPSK, FEC 1/2

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20090128-00078 E E990022 CAPITOL BROADCASTING COMPANY, INC.
Renewal 03/01/2009 - 03/01/2024
Grant of Authority Date Effective: 01/29/2009

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 2619 WESTERN BOULEVARD, WAKE, RALEIGH, NC

ANTENNA ID:	1	2.4 meters	ANDREW CORPORATION	ESA24SNG-LTE
14000.0000 - 14500.0000 MHz		36M0F9W	76.00 dBW	ANALOG TV FM MODULATION FULL TRANS.
14000.0000 - 14500.0000 MHz		24M0F9W	73.00 dBW	ANALOG TV FM MODULATION HALF TRANS.
14000.0000 - 14500.0000 MHz		24M0G7E	65.10 dBW	DIGITAL COMPRESSED TV
11700.0000 - 12200.0000 MHz				

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20090129-00088	E	KA275	Intelsat North America LLC	
Renewal				03/31/2009 - 03/31/2024
Grant of Authority				Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD
39 ° 13 ' 7.00 " N LAT. 77 ° 16 ' 12.00 " W LONG.

ANTENNA ID:	C-FPA	19 meters	TIW (VERTEX)	CFPA 19M
6389.0000 - 6391.0000 MHz		800KGXD	90.00 dBW	TELEMETRY SIGNAL
6359.0000 - 6361.0000 MHz		800KGXD	90.00 dBW	TELEMETRY SIGNAL
6329.0000 - 6331.0000 MHz		800KGXD	90.00 dBW	TELEMETRY SIGNAL
6271.0000 - 6273.0000 MHz		800KGXD	90.00 dBW	TELEMETRY SIGNAL
6217.0000 - 6219.0000 MHz		800KGXD	82.10 dBW	TELEMETRY SIGNAL
6172.0000 - 6178.0000 MHz		800KFXD	93.00 dBW	TTC&M
6172.0000 - 6178.0000 MHz		800KFXD	93.00 dBW	COMMAND/RANGING
6135.0000 - 6137.0000 MHz		800KGXD	90.00 dBW	TELEMETRY SIGNAL
6078.0000 - 6080.0000 MHz		800KGXD	90.00 dBW	TELEMETRY SIGNAL

5961.0000 - 5963.0000 MHz	800KGXD	90.00 dBW	TELEMETRY SIGNAL
5925.0000 - 6425.0000 MHz	1M50F3X	85.74 dBW	TTC&M
5925.0000 - 6425.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
5850.0000 - 5925.0000 MHz	800KGXD	90.00 dBW	TTC&M
3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
3700.0000 - 4200.0000 MHz	800KGXD		TTC&M
3700.0000 - 4200.0000 MHz	800KFXD		TELEMETRY/RANGING
3700.0000 - 4200.0000 MHz	1M50F3X		TTC&M
3625.0000 - 3700.0000 MHz	1M50F3X		TTC&M
3625.0000 - 3700.0000 MHz	800KGXD		TTC&M
3625.0000 - 3700.0000 MHz	800KFXD		TTC&M COMMAND AND RANGING CARRIER

Points of Communication:

- 1 - ALSAT - (ALSAT)
 - 1 - INTELSAT 805 - (304.5 E.L.)
 - 1 - INTELSAT AOR - (307.0 E.L.)
 - 1 - INTELSAT AOR - (310.0 E.L.)
 - 1 - INTELSAT AOR - (325.5 E.L.)
 - 1 - INTELSAT AOR - (328.5 E.L.)
 - 1 - INTELSAT AOR - (330.5 E.L.)
 - 1 - INTELSAT AOR - (332.5 E.L.)
 - 1 - INTELSAT AOR - (335.5 E.L.)
 - 1 - INTELSAT AOR - (340.0 E.L.)
 - 1 - INTELSAT AOR - (342.0 E.L.)
 - 1 - New Skies 806 - (319.5 E.L.)
 - 1 - NSS-5 - (183 E.L.)
-

SES-RWL-20090129-00089 E KA264 Intelsat North America LLC
 Renewal 03/31/2009 - 03/31/2024
 Grant of Authority Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1
 LOCATION: COMSAT CLARKSBURG, MONGTOMERY, CLARKSBURG, MD
 39 ° 13 ' 5.20 " N LAT. 77 ° 16 ' 13.90 " W LONG.

ANTENNA ID:	C-CCA-2	9 meters	VERTEX	9KPC	
6179.0000 - 6425.0000 MHz			800KGXD	80.03 dBW	TELEMETRY/TTC&M
6179.0000 - 6425.0000 MHz			1M50F3X	75.90 dBW	TEST/TTC&M
6179.0000 - 6425.0000 MHz			100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6179.0000 - 6425.0000 MHz			72M0G7W	80.03 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6172.0000 - 6178.0000 MHz			800KFXD	73.20 dBW	COMMAND/TTC&M
6172.0000 - 6178.0000 MHz			100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6172.0000 - 6178.0000 MHz			6M00G7W	80.03 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz			800KFXD	80.00 dBW	COMMAND AND RANGING CARRIERS
5925.0000 - 6171.0000 MHz			1M50F3X	75.90 dBW	TEST/TTC&M
5925.0000 - 6171.0000 MHz			800KGXD	73.20 dBW	TELEMETRY/TTC&M
5850.0000 - 6171.0000 MHz			100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 6171.0000 MHz			72M0G7W	82.00 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 5925.0000 MHz			600KF2D	72.00 dBW	CONTROL COORDINATION SIGNAL
3700.0000 - 4200.0000 MHz			800KFXD		COMMAND/TTC&M
3700.0000 - 4200.0000 MHz			1M50F3X		TEST/TTC&M
3700.0000 - 4200.0000 MHz			800KGXD		TELEMETRY/TTC&M
3700.0000 - 4200.0000 MHz			800KFXD		TELEMETRY CARRIERS

3625.0000 - 4200.0000 MHz	100KG7W-	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 4200.0000 MHz	72M0G7W	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	600KF2D	CONTROL COORDINATION SIGNAL

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - IA-8 - (89 W.L.)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AMERICAS 5 - (97 W.L.)
- 1 - INTELSAT AMERICAS-13 - (121 W.L.)
- 1 - INTELSAT AMERICAS-6 - (93 W.L.)
- 1 - INTELSAT AMERICAS-7 - (129 W.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (340.0 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

SES-RWL-20090129-00090 E KA263 Intelsat North America LLC
Renewal 03/31/2009 - 03/31/2024
Grant of Authority Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1
LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD
39 ° 13 ' 4.40 " N LAT. 77 ° 16 ' 13.90 " W LONG.

ANTENNA ID:	1	9 meters	VERTEX	9KPC	
	5925.0000 - 6425.0000 MHz		600KF2D	72.00 dBW	TTC&M
	5925.0000 - 6425.0000 MHz		922KG7W	63.60 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz		1M43G7W	66.00 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz		800KFXD	80.00 dBW	COMMAND AND RANGING CARRIERS
	5850.0000 - 6425.0000 MHz		100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
	5850.0000 - 6425.0000 MHz		72M0G7W	82.00 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
	5850.0000 - 6300.0000 MHz		3M50Q2D	72.00 dBW	QPSK, TDMA (BROADBAND VSAT SERVICES)
	5850.0000 - 5925.0000 MHz		600KF2D	72.00 dBW	TTC&M
	3700.0000 - 4200.0000 MHz		600KF2D		TTC&M
	3700.0000 - 4200.0000 MHz		922KG7W		DIGITAL DATA
	3700.0000 - 4200.0000 MHz		1M43G7W		DIGITAL DATA
	3700.0000 - 4200.0000 MHz		800KFXD		TELEMETRY CARRIERS
	3625.0000 - 4200.0000 MHz		100KG7W-		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
	3625.0000 - 4200.0000 MHz		72M0G7W		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
	3625.0000 - 4075.0000 MHz		3M50Q2D		QPSK, TDMA (BROADBAND VSAT SERVICES)
	3625.0000 - 3700.0000 MHz		600KF2D		TTC&M

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - IA-8 - (89 W.L.)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AMERICAS 5 - (97 W.L.)
- 1 - INTELSAT AMERICAS-13 - (121 W.L.)
- 1 - INTELSAT AMERICAS-6 - (93 W.L.)

1 - INTELSAT AMERICAS-7 - (129 W.L.)

1 - INTELSAT AOR - (307.0 E.L.)

1 - INTELSAT AOR - (310.0 E.L.)

1 - INTELSAT AOR - (325.5 E.L.)

1 - INTELSAT AOR - (328.5 E.L.)

1 - INTELSAT AOR - (330.5 E.L.)

1 - INTELSAT AOR - (332.5 E.L.)

1 - INTELSAT AOR - (335.5 E.L.)

1 - INTELSAT AOR - (340.0 E.L.)

1 - INTELSAT AOR - (342.0 E.L.)

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-5 - (183 E.L.)

SES-RWL-20090129-00091 E KA262 Intelsat North America LLC

Renewal

03/31/2009 - 03/31/2024

Grant of Authority

Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 1.80 " N LAT.

77 ° 16 ' 11.40 " W LONG.

ANTENNA ID:	CSM LMA-2	15.2 meters	VERTEX	15.2 KPC	
	6172.0000 - 6178.0000 MHz		800KFXD	82.00 dBW	TTC&M
	5925.0000 - 6425.0000 MHz		60M0G1D	86.00 dBW	TTC&M
	5925.0000 - 6425.0000 MHz		100KG7W-	58.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
	5925.0000 - 6425.0000 MHz		72M0G7W	86.80 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
	5925.0000 - 6425.0000 MHz		81K9G7W	46.00 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz		164KG7W	51.20 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz		219KG7W	52.10 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz		238KG7W	48.60 dBW	DIGITAL DATA

5925.0000 - 6425.0000 MHz	1M32G7W	63.10 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	1M36G7W	66.30 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G7W	79.60 dBW	DIGITAL VIDEO AND AUDIO
5850.0000 - 5925.0000 MHz	60M0G1D	84.10 dBW	TTC&M
5850.0000 - 5925.0000 MHz	100KG7W-	56.30 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 5925.0000 MHz	72M0G7W	84.90 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
3700.0000 - 4200.0000 MHz	100KG7W-		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	81K9G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	164KG7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	219KG7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	238KG7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	1M32G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	1M36G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AND AUDIO
3625.0000 - 4200.0000 MHz	60M0G1D		TTC&M
3625.0000 - 3700.0000 MHz	100KG7W-		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	72M0G7W		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)

- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (340.0 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

SES-RWL-20090129-00092 E KA261 Intelsat North America LLC
 Renewal 03/31/2009 - 03/31/2024
 Grant of Authority Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1
 LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD
 39 ° 13 ' 2.60 " N LAT. 77 ° 16 ' 10.90 " W LONG.

ANTENNA ID:	CSM LMA-1	15.2 meters	VERTEX	15.2KPC	
6172.0000 - 6178.0000 MHz			800KFXD	82.00 dBW	TTC&M
5925.0000 - 6425.0000 MHz			51K2G7W	49.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz			76K8G7W	49.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz			100KG7W-	58.20 dBW	DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz			72M0G7W	86.80 dBW	DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz			60M0G1D	86.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz			60M0G1D	86.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz			100KG7W-	58.20 dBW	DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 5925.0000 MHz			72M0G7W	86.80 dBW	DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz			800KFXD		TTC&M
3700.0000 - 4200.0000 MHz			60M0G1D		TTC&M
3700.0000 - 4200.0000 MHz			51K2G7W		DIGITAL DATA

6172.0000 - 6178.0000 MHz	800KFXD	83.00 dBW	TTC&M
5925.0000 - 6171.0000 MHz	800KGXD	80.30 dBW	TTC&M
5925.0000 - 6171.0000 MHz	1M50F3X	83.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz	1M50F3X	80.10 dBW	TTC&M
3947.0000 - 3953.0000 MHz	800KGXD		TTC&M
3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
3700.0000 - 4200.0000 MHz	800KGXD		TTC&M
3700.0000 - 4200.0000 MHz	1M50F3X		TTC&M
3625.0000 - 3700.0000 MHz	1M50F3X		TTC&M

Points of Communication:

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (319.5 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (328.6 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (338.7 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

SES-RWL-20090129-00094 E KA259 Intelsat North America LLC
Renewal
Grant of Authority

03/31/2009 - 03/31/2024
Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1
 LOCATION: COMSAT CLARKSBURG FACILITY, MONTGOMERY, CLARKSBURG, MD
 39 ° 13 ' 5.60 " N LAT. 77 ° 16 ' 12.40 " W LONG.

ANTENNA ID:	C-LMA-1	9 meters	VERTEX COMMUNICATION	9 KPC	
6179.0000 - 6425.0000 MHz			800KGXD	80.30 dBW	TELEMETRY SIGNAL
6179.0000 - 6425.0000 MHz			1M50F3X	80.30 dBW	ENERGY-DISPERSED FM TEST SIGNAL
6172.0000 - 6178.0000 MHz			800KFXD	83.00 dBW	COMMAND SIGNAL
5925.0000 - 6171.0000 MHz			1M50F3X	80.30 dBW	ENERGY-DISPERSED FM TEST SIGNAL
5925.0000 - 6171.0000 MHz			800KGXD	80.30 dBW	TELEMETRY SIGNAL
5850.0000 - 6425.0000 MHz			1M50F3X	80.10 dBW	ENERGY-DISPERSED FM TEST SIGNAL
3947.0000 - 3953.0000 MHz			800KGXD		TELEMETRY SIGNAL
3700.0000 - 4200.0000 MHz			1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL
3700.0000 - 4200.0000 MHz			800KGXD		TELEMETRY SIGNAL
3700.0000 - 4200.0000 MHz			800KFXD		COMMAND SIGNAL
3625.0000 - 4200.0000 MHz			1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL

Points of Communication:

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (319.5 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (328.6 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (338.7 E.L.)

1 - INTELSAT AOR - (342.0 E.L.)

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-5 - (183 E.L.)

SES-RWL-20090129-00095 E KA258 Intelsat North America LLC

Renewal

03/31/2009 - 03/31/2024

Grant of Authority

Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 6.60 " N LAT.

77 ° 16 ' 15.30 " W LONG.

ANTENNA ID:	K-FPA	14.2 meters	TIW	KFPA14.2	
14253.0000 - 14500.0000 MHz			1M50F3X	87.00 dBW	ENERGY-DISPERSED FM TEST SIGNAL
14247.0000 - 14253.0000 MHz			800KFXD	87.00 dBW	COMMAND SIGNAL
14000.0000 - 14500.0000 MHz			NON	61.30 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz			200KF2N	78.30 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz			2M00F3N	87.00 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz			20M0F3N	87.00 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz			800KGXD	88.00 dBW	TTC&M, Carrier
14000.0000 - 14247.0000 MHz			1M50F3X	87.00 dBW	ENERGY-DISPERSED FM TEST SIGNAL
11700.0000 - 12200.0000 MHz			800KGXD		TTC&M, Carrier
11450.0000 - 12200.0000 MHz			1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL
11450.0000 - 12200.0000 MHz			NON		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 12200.0000 MHz			200KF3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 12200.0000 MHz			2M00F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER

11450.0000 - 12200.0000 MHz	20M0F3N	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 11950.0000 MHz	800KGXD	TTC&M, Carrier
10950.0000 - 11200.0000 MHz	800KFXD	COMMAND SIGNAL
10950.0000 - 11200.0000 MHz	NON	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	200KF3N	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	2M00F3N	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	20M0F3N	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	800KGXD	TTC&M, Carrier

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (340.0 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - New Skies K - (338.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

SES-RWL-20090129-00096 E KA270 Intelsat North America LLC
Renewal
Grant of Authority

03/31/2009 - 03/31/2024
Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, HAWAII, OAHU, PAUMALU, HI
21 ° 40 ' 24.00 " N LAT. 158 ° 2 ' 16.00 " W LONG.

ANTENNA ID:	C-CCA-T8	9 meters	VERTEX	9KPC
5850.0000 - 6425.0000 MHz		600KF2D	72.00 dBW	TTC&M
5850.0000 - 6425.0000 MHz		800KFXD	72.00 dBW	TTC&M
5850.0000 - 6425.0000 MHz		72M0G7W	72.00 dBW	ANALOG AND DIGITAL DATA, VOICE AND VIDEO
5850.0000 - 6425.0000 MHz		100KG7W	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE AND VIDEO
3625.0000 - 4200.0000 MHz		600KF2D		TTC&M
3625.0000 - 4200.0000 MHz		800KFXD		TTC&M
3625.0000 - 4200.0000 MHz		72M0G7W		ANALOG AND DIGITAL DATA, VOICE AND VIDEO
3625.0000 - 4200.0000 MHz		100KG7W		ANALOG AND DIGITAL DATA, VOICE AND VIDEO

Points of Communication:

1 - INTELSAT POR - (174.0 E.L.)

1 - INTELSAT POR - (176.0 E.L.)

1 - INTELSAT POR - (180.0 E.L.)

1 - New Skies 513 - (183 E.L.)

SES-RWL-20090129-00097 E KA268 Intelsat North America LLC

Renewal

03/31/2009 - 03/31/2024

Grant of Authority

Date Effective: 02/02/2009

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, HAWAII, OAHU, PAUMALU, HI
21 ° 40 ' 25.00 " N LAT. 158 ° 2 ' 16.00 " W LONG.

ANTENNA ID:	1	9 meters	VERTEX	9KPC
6172.0000 - 6178.0000 MHz		800KFXD	83.00 dBW	COMMAND/TTC&M

5850.0000 - 6425.0000 MHz	1M50F3X	83.00 dBW	TEST/TTC&M
3947.0000 - 3953.0000 MHz	800KGXD		TELEMTRY/TTC&M
3625.0000 - 4200.0000 MHz	1M50F3X		TEST/TTC&M

Points of Communication:

- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)

SES-RWL-20090129-00098	E KA274	GlobeCast America Incorporated	
Renewal			03/01/2009 - 03/01/2024
Grant of Authority			Date Effective: 01/30/2009

Class of Station: Fixed Earth Stations

Nature of Service: International Fixed Satellite Service

SITE ID: 1
 LOCATION: 16250 FILBERT STREET, LOS ANGELES, SYLMAR, CA
 34 ° 19 ' 4.00 " N LAT. 118 ° 29 ' 0.00 " W LONG.

ANTENNA ID: 1	15.5 meters	DATRON	LM101-15.5C
5850.0000 - 6425.0000 MHz	9M00G7W	51.80 dBW	
5850.0000 - 6425.0000 MHz	36M0F3F	89.00 dBW	
3625.0000 - 4200.0000 MHz			
ANTENNA ID: 2	7 meters	SCIENTIFIC ATLANTA	8010 (RECEIVE-ONLY)
5850.0000 - 6425.0000 MHz	9M00G7W	51.80 dBW	
5850.0000 - 6425.0000 MHz	36M0F3F	89.00 dBW	
3625.0000 - 4200.0000 MHz			

Points of Communication:

- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)

1 - INTELSAT POR - (180.0 E.L.)

1 - PAS-4 - (191.0 W.L.)

1 - SOLIDARIDAD F-1 - (109.2 W.L.)

1 - SOLIDARIDAD F-2 - (113.0 W.L.)

1 - STATIONAR 10 - (170 W.L.)

1 - STATIONAR 26 - (155.0 W.L.)

1 - TDRS-5 - (174.3 W.L.)

SES-RWL-20090202-00120 E E890083 KGO Television, Inc.

Renewal

04/28/2009 - 04/28/2024

Grant of Authority

Date Effective: 02/03/2009

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 900 FRONT STREET, SAN FRANCISCO, SAN FRANCISCO, CA

37 ° 48 ' 2.00 " N LAT.

122 ° 23 ' 53.00 " W LONG.

ANTENNA ID: 1 7.3 meters ANDREW CORPORATION ESA73-46

3700.0000 - 4200.0000 MHz 36MOF3F

ANTENNA ID: 2 4.5 meters ANDREW CORPORATION ESA45-4

3700.0000 - 4200.0000 MHz 36MOF3F

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20081220-01694 E Marine Technologies, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 01/29/2009

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Special temporary authority is GRANTED for a period of 60 days beginning February 1, 2009 and ending April 1, 2009.

Points of Communication:

SES-STA-20090120-00051 E UNIVERSAL SPACE NETWORK, INC.

Special Temporary Authority

Grant of Authority

Date Effective: 02/03/2009

Class of Station:

Special Temporary Authority is GRANTED WITH CONDITIONS for a period of 30 days beginning February 10, 2009 and ending March 11, 2009.

Points of Communication:

SES-STA-20090126-00068 E E070290 NEW ICO SATELLITE SERVICES G.P.
Special Temporary Authority
Grant of Authority Date Effective: 02/03/2009

Class of Station:

Extension of Special Temporary Authority is GRANTED for a period of 30 days commencing February 5, 2009 and ending March 6, 2009.

Points of Communication:

SES-STA-20090126-00069 E E080139 Shell Communications, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 01/29/2009

Class of Station:

Extension of special temporary authority is GRANTED for an additional 30 days beginning February 5, 2009 and ending March 5, 2009.

Points of Communication:

SES-STA-20090126-00070 E E080225 CapRock Communications, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 01/29/2009

Class of Station:

Special temporary authority is GRANTED for a period of 30 days beginning February 1, 2009 and ending March 2, 2009.

Points of Communication:

SES-STA-20090127-00073 E E080251 The Moody Bible Institute of Chicago
Special Temporary Authority
Grant of Authority Date Effective: 01/29/2009

Class of Station:

Points of Communication:

SES-STA-20090128-00082 E E080168 Sirius XM Radio Inc.
Special Temporary Authority
Grant of Authority Date Effective: 02/03/2009

Class of Station:

Special Temporary Authority is GRANTED WITH CONDITIONS for a period of 30 days beginning February 4, 2009 and ending March 5, 2009.

Points of Communication:

SES-STA-20090130-00102 E E080162 SES Americom, Inc.
Special Temporary Authority
Withdrawn

Date Effective: 02/02/2009

Class of Station:

Points of Communication:

SES-STA-20090202-00121 E E090008 Gold Coast Broadcasting LLC
Special Temporary Authority
Grant of Authority

Date Effective: 02/03/2009

Class of Station:

Special temporary authority is GRANTED for a period of 60 days beginning February 4, 2009 and ending April 4, 2009.

Points of Communication:

SURRENDER

SES-LIC-20070123-00136 E070016 SES Americom, Inc.

License has been surrendered per letter dated January 29, 2009.

SES-RWL-20070925-01320 E970428 SES Americom, Inc.

License has been surrendered per letter dated January 29, 2009.

For more information concerning this Notice, contact the Satellite and Radiocommunication Division at 418-0719; TTY 202-418-2555.