

**Appendix 12**  
**System and Service Location Matrix**  
  
**For**  
  
**Information Management and  
Communications Support (IMCS)**

**Introduction**

The systems and services matrix indicates the services that are currently active in each facility. An “X” in a particular row and column indicates that service is currently being provided to the facility in the row heading.

Notes:

- Buildings 01039, 01040A, 01042, 01044, 01046, 01050A, 01050B, 01051, 01605, 01606, 01619, 01641, 01708, 01711, 01724, 01726, 01728, 15603, 15604, 15605, 15606, 15608, 15610, 15611, 15612, 15613, 15615, 15620, 15660, 18800, 36665, 49635, 49750, 54927, 55005, 60540, 60650, 60680, 60686, 66200, 66220, 66221, 66250, 66330, 73020, 77610, 77611, 77800, 80700, and 81900 are located on CCAFS.
- Items marked with X\* transition into the contract during the period of performance.

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																					
		O/S	Paging and Area Warning	Radio Systems	Audio Distribution	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical (OTV)	BCDS	Timing and Countdown	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber plant	VITS / Conf Room	
00739	Transient Area													X									
00751	First Floor													X									
00751	Second Floor													X									
00981	PMEL													X									
01039	Storage Building, FSA #1																						
01042	Equipment/K-Bottle Storage																						
01044	Fuel Storage Pump Station																						
01046	Hydrocarbon Fuel Storage Area																						
01051	Passivation Bldg																						
01605	Motion Picture Lab													X									
01606	Hangar G													X									
01619	Optical Equipment Support Building													X									
01641	CCAFS Bldg. XY		X	X													X						
01708	Hangar R and D																						
01711	Hangar I																						
01724	Physical Standards Lab													X									
01726	Hangar S													X									
01728	Hangar N													X*									
18800	CX-20 Blockhouse													X									
36665	North Gate Terminal Building															X	X			X			
49635	Environmental Health/Health Physics Facility													X									
49750	Security Admin and Alternate Joint Comm Control Ctr.		X											X	X	X	X	X					
54927	Environmental Health Storage Facility																						
55005	Hangar M Annex													X									
60540	Solar Array Test Building																						
60650	E&O Bldg									X				X			X						
60680	Missile Assembly Bldg. AE					X				X		X	X			X							
66200	Paint Storage Building																						
66220	Emergency Breathing Equipment Maint Building													X									
66221	Life Support Equipment Storage																						
66250	Hangar AF													X									
66330	Apollo Warehouse													X									
73020	Office Module, FSA #1													X									
77610	Solvent Storage Facility																						
77611	Hypergolic Oxidizer Equipment Safing Building																						
77800	Hypergolic Oxidizer Storage Facility																						
81900	CAPE ROCC					X																	
01040A	Drum Equipment Storage																						
01050A	Chemical Waste Building																						
01050B	Chemical Waste Treatment Facility																						
15603	NITROGEN STORAGE FACILITY (CX-20)																						
15604	LOX TEST FACILITY (CX-20)																						
15605	LOX TANK (CX-20)																						
15606	LOX TANK (CX-20)																						

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		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical (OTV)	BCDS	Timing and Countdown	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber plant	VITS / Conf Room	
15608	POWER CENTER (CX-20)																						
15610	STORAGE FACILITY (CX-20)																						
15611	STORAGE FACILITY (CX-20)																						
15612	CAMERA PADS and STRUCTURES (CX-20)									X													
15613	LIGHTNING PROTECTION TOWERS - PAD A (CX-20)																						
15615	SUBSTATION I4 (CX-20)																						
15620	CABLE TRAY (CX-20)																						
15660	Ghe Storage Area																						
60686	Antenna		X										X										
80700A	Control Building																						
C2-1060	SHILOH MICROWAVE TOWER			X									X						X	X			
C2-1060A	EQUIPMENT BUILDING (SHILOH MICRO. SITE)														X								
C2-1409	MOBILE INTCT GROUND OPTICAL SHILOH																						
E3-1133	MID-COURSE RADAR FACILITY	X	X			X				X	X	X	X	X	X				X	X			
E3-1137	CONSOLE BLDG																		X				
E3-1139	CP-2 WEATHER RADAR												X						X				
E3-1141	X-BAND RADAR																		X	X			
E4-2414	HAULOVER CANAL BRIDGE			X						X		X							X	X			
E4-2414A	EMERGENCY GENERATOR BUILDING																		X				
F5-2151	SUPPORT BUILDING																		X				
F5-2158	PUMP STATION																						
F6-2375	UNIVERSAL CAMERA PAD #10																		X	X			
F6-2375A	OPTICS TRACKING BLDG.												X						X	X			
G5-0961	EQUIPMENT SHELTER																		X				
G5-1011	UNIVERSAL CAMERA PAD #11										X	X							X				
G5-1061	MICROWAVE TOWER																						
G5-1061A	EQUIPMENT BUILDING																						
H2-1198	JAY-JAY R/R DRAW BRIDGE									X													
H2-1245	GENERATOR BUILDING																						
H4-1723	EQUIPMENT BUILDING (W.T. #9)																		X				
H4-1725	UNIVERSAL CAMERA PAD #13											X							X	X			
H4-1797D	VEHICLE STORAGE BLDG.												X							X			
H4-1840	HQ & VISITORS CENTER												X						X	X			
H5-1113	NORTH PAPI LIGHTS 7,500 FEET																		X				
H5-1315	NORTH PAPI LIGHTS 6,500 FEET																		X				
H5-1434	MAINTENANCE BUILDING												X										
H5-1434B	POLE SHED																		X				
H5-1434E	SUPPLY STORAGE BUILDING																						
H5-1630	COMM CROSS CONNECT TERMINAL #6																		X	X			
H5-2130	Guard House		X																				
H5-2139	GUARD GATE 4 PUMP HOUSE																						
H5-2140	GUARD HOUSE 4		X						X	X	X	X					X		X	X			
H5-2145	GATE 4'S ELECTRONIC SIGN																						



SERVICES PROVIDED

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		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical (OTV)	BCDS	Timing and Countdown System	Telephones	Administrative Network	ATM Transmission Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber Plant	VITS / Conf Room	
J6-0490A	500 FT. WEATHER TOWER		X																					
J6-0490B	60 FT WEATHER TOWER 313B		X																					
J6-0490C	EQUIPMENT SHELTER												X											
J6-0530	Guard House		X																					
J6-0553	WEATHER SUBSTATION B											X								X	X			
J6-0553A	EMERGENCY GENERATOR BUILDING																			X	X			
J6-1725	UNIVERSAL CAMERA PAD #6											X	X							X	X			
J6-1808	TV TOWER #1	X	X						X			X								X	X			
J6-1808A	TV EQUIPMENT BUILDING	X																		X	X			
J6-1830	Guard House		X																					
J6-1869	EQUIPMENT BLDG. (W.T. #8)																			X				
J6-1874	SUPPORT BUILDING																							
J6-1876	SUPPORT BUILDING																							
J6-1924	APOLLO/SATURN 5 DISPLAY FACILITY		X					X	X		X	X	X			X			X	X				
J6-1974	APOLLO/SATURN V CONCESSION BLDG		X																					
J6-2024	GUARD HOUSE		X																					
J6-2025	REST ROOM (LAUNCH VIEWING AREA)		X								X					X	X		X	X				
J6-2026	OFFICE BUILDING		X									X								X				
J6-2030	Guard House		X																					
J6-2076	LAUNCH VIEWING AREA		X																					
J6-2126	REST ROOMS (Launch Viewing Area)		X																					
J6-2262	ORBITER MATE/DEMATE DEVICE	X	X																					
J6-2312	SLF GATE #3 GATE HOUSE											X								X				
J6-2313	LANDING AIDS CONTROL BLDG.	X	X	X	X	X			X		X	X	X	X		X			X	X				
J6-2321	CONNEX BOX																							
J6-2327	CLAMSHELL #4											X								X				
J6-2361	ELECTRIC SUBSTATION 843																							
J6-2362	AIRCRAFT GROUND EQUIPMENT SHED																			X				
J6-2363	LIGHTING VAULT											X								X				
J6-2364	MSBLS-JR CERTIFICATION FACILITY		X																					
J6-2365	MSBLS STORAGE BUILDING																			X				
J6-2370	FIRE STATION #2		X										X							X	X			
J6-2377	CONTRACTOR SUPPORT BLDG. #7	X										X	X							X	X			
J6-2408	WIND SOCK																							
J6-2409	METEOROLOGICAL SITE #4																			X				
J6-2428	COMM CROSS CONNECT TERMINAL #3											X								X	X			
J6-2463	COMM CROSS CONNECT																			X	X			
J6-2465	FLIGHT VEHICLE SUPPORT BUILDING	X	X							X		X	X							X	X			
J6-2466	RLV HANGAR		X									X	X							X	X			
J7-0132	OPERATIONS SUPPORT BLDG. B-1	X	X	X									X							X	X			
J7-0132A	LOX OFFICE BUILDING	X										X	X							X	X			
J7-0140	HIGH PRESSURE GH2 FACILITY	X										X		X										
J7-0182	LOX FACILITY	X												X						X				
J7-0183	CAMERA PAD B #6	X							X			X				X				X	X			

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J7-0183A	CAMERA PAD 6 METEOROLOGICAL TOWER - 60 FT																						
J7-0191	CAMERA PAD B #1	X											X										
J7-0192	LH2 FACILITY	X	X																				
J7-0231	ELECTRICAL EQUIPMENT BLDG. #2	X																					
J7-0240	FLARESTACK	X	X																				
J7-0241	ELECTRICAL EQUIPMENT BLDG. #1	X											X		X								
J7-0242	FOAM BUILDING																						
J7-0243	OPERATIONS SUPPORT BLDG. B-2	X	X										X	X									
J7-0243A	TEMPORARY BUILDING #35	X																					
J7-0243B	LH2 OFFICE BUILDING	X	X										X	X									
J7-0286	ENVIRONMENTAL CONTROL and LIFE SUPPORT SYSTEMS	X	X																				
J7-0288	WATER TANK	X	X										X										
J7-0331	SLIDEWIRE TERMINATION FACILITY		X	X									X										
J7-0337	LAUNCH PAD 39B	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
J7-0337G	RAIN SHELTER																						
J7-0337J	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																						
J7-0337K	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																						
J7-0338	COMPRESSED AIR BLDG.	X	X										X										
J7-0338A	EQUIPMENT SHELTER																						
J7-0342	CAMERA PAD B #2	X								X	X					X					X	X	
J7-0384A	SEWAGE LIFT STATION																						
J7-0384B	SEWAGE EQUIPMENT BLDG.																						
J7-0385	WATER CHILLER BLDG.	X																					
J7-0432	REMOTE AIR INTAKE BUILDING												X		X							X	
J7-0490	HYPERGOL OXIDIZER FACILITY	X	X										X									X	
J7-0491	ELECTRICAL EQUIPMENT BLDG. #3	X																				X	
J7-0534	HYPERGOL FUEL FACILITY	X	X										X										
J7-0535	ELECTRICAL EQUIPMENT BLDG. #4	X																				X	
J7-0537	AZIMUTH ALIGNMENT STATION																					X	
J7-0584	CAMERA PAD B #4	X								X	X											X	X
J7-0585	SUBSTATION 1023																						
J7-0588	VOICE-COMM EQUIPMENT BUILDING		X																				
J7-0589	CAMERA PAD B #3	X								X	X											X	X
J7-0589A	CAMERA PAD 3 METEOROLOGICAL TOWER - 60 FT																						
J7-0637A	RAIN SHELTER	X											X										
J7-0686	PAD B GATE HOUSE	X	X										X									X	
J7-0688	PAD B LOGISTICS FACILITY	X	X										X	X	X							X	X
J7-0689	PAD B OPERATIONS SUPPORT BUILDING	X	X										X	X	X							X	X
J7-0986	REPEATER BLDG. #6																					X	X
J7-1287	GUARD HOUSE	X	X																			X	
J7-1338	SCAPE BUILDING	X	X										X	X								X	X
J7-1338B	HAZARDOUS WASTE STAGING BUILDING/PORTABLE													X									

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J7-1339	EMERGENCY RESPONSE BUILDING (FIRE STATION #6)	X	X				X					X						X				
J7-1387	GROUND WATER STORAGE TANK																					
J7-1388	INDUSTRIAL WATER PUMPING STATION	X										X	X					X	X			
J7-1388B	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																					
J7-1388C	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																					
J7-1389	GROUND WATER STORAGE TANK																					
J7-1736	REPEATER BLDG. #5																	X	X			
J7-1886	WEATHER TOWER 211																					
J7-2111	EQUIPMENT BUILDING (W.T. #7)																	X				
J7-2112	MOBILE EQUIPMENT PNEUMOSTAT AREA																					
J7-2112A	ELECTRICAL EQUIPMENT BUILDING																	X	X			
J7-2162	UNIVERSAL CAMERA SITE #17																					
J8-0754	UNIVERSAL CAMERA SITE #7																	X	X			
J8-0755	TOUR BUS PAD VIEWING AREA											X						X	X			
J8-0956	GUARD HOUSE																					
J8-1462	HIGH PRESSURE GH2 FACILITY	X	X											X								
J8-1502	LOX FACILITY	X	X											X				X				
J8-1503	OPERATIONS SUPPORT BLDG. A-1	X	X	X								X	X					X	X			
J8-1503A	STORAGE BUILDING	X	X															X	X			
J8-1503B	LOX ENGINEERING OFFICE BLDG.	X	X								X	X										
J8-1512	CAMERA PAD A #1	X	X					X	X							X		X	X			
J8-1513	LH2 FACILITY	X	X										X									
J8-1553	ELECTRICAL EQUIPMENT BLDG. #2	X	X									X						X				
J8-1554	CAMERA PAD A #6	X						X	X							X		X	X			
J8-1554A	CAMERA PAD 6 METEOROLOGICAL TOWER - 60 FT																					
J8-1563	ELECTRICAL EQUIPMENT BLDG. #1	X																X				
J8-1564	FOAM BUILDING																	X				
J8-1567	CABLE TERMINAL BLDG.																	X				
J8-1610	WATER TANK	X	X																			
J8-1611	FLARE STACK	X	X																			
J8-1614	OPERATIONS SUPPORT BLDG A-2	X	X									X								X	X	
J8-1614A	LH2 ENGINEERING OFFICE BLDG.	X	X									X	X							X	X	
J8-1659	COMPRESSED AIR BLDG.	X	X																			
J8-1659A	EQUIPMENT SHELTER																					
J8-1703	SLIDEWIRE TERMINATION FACILITY			X									X							X		
J8-1705A	SEWAGE LIFT STATION																					
J8-1705B	SEWAGE EQUIPMENT FACILITY																					
J8-1707	WATER CHILLER BLDG.	X	X																			
J8-1708	LAUNCH PAD 39A	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
J8-1708H	RAIN SHELTER																					
J8-1708J	HAZARDOUS WASTE STAGING BUILDING/PORTABLE											X										
J8-1708K	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																					
J8-1714	CAMERA PAD A #2	X	X						X	X							X	X	X			



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J8-1753	REMOTE AIR INTAKE BUILDING												X	X					X				
J8-1768	ENVIRONMENTAL CONTROL and LIFE SUPPORT SYSTEMS	X	X																	X			
J8-1811	ELECTRICAL EQUIPMENT BLDG. #3	X	X																X				
J8-1821	BEACH TRACKING SITE, NORTH																			X			
J8-1856	ELECTRICAL EQUIPMENT BLDG. #4	X	X																X				
J8-1858	AZIMUTH ALIGNMENT STATION																		X				
J8-1862	HYPERGOL OXIDIZER FACILITY	X	X									X											
J8-1862A	STORAGE BUILDING																						
J8-1906	HYPERGOL FUEL FACILITY	X	X																				
J8-1906A	STORAGE BUILDING																						
J8-1956	CAMERA PAD A #4	X	X						X	X									X	X			
J8-1959A	RAIN SHELTER																						
J8-1961	CAMERA PAD A #3	X	X						X	X									X	X			
J8-1961A	CAMERA PAD 3 METEOROLOGICAL TOWER - 60 FT													X									
J8-2008	PAD A GATE HOUSE	X	X									X							X				
J8-2009	PAD A LOGISTICS FACILITY		X									X	X						X	X			
J8-2010	SEWAGE TREATMENT PLANT #8																						
J8-2059	RECHLORINATION BUILDING																						
J8-2109	PAD A OPERATIONS SUPPORT BUILDING	X	X									X	X	X					X	X			
J8-2126	GUARD HOUSE		X																X				
J8-2190	TOWER																						
J8-2204	REPEATER BLDG. #4																		X	X			
J8-2227	RADAR WIND PROFILER (SITE D)																		X				
J8-2228	UNIVERSAL CAMERA SITE #12																		X	X			
K6-0015	CONVOY VEHICLE ENCLOSURE												X							X			
K6-0195	Guard Building																						
K6-0258	MSBLS MONITOR, R/W 15																		X				
K6-0261	APPROACH LIGHTING SYSTEM SUBSTATION 33 (ALS)																				X		
K6-0309	MSBLS AZ/DME RW 15	X	X									X							X				
K6-0345	SURGE BUILDING #2											X							X				
K6-0445	CONTRACTOR SUPPORT BLDG #4		X									X							X				
K6-0446	SHOP/STORAGE BUILDING											X							X				
K6-0492	RPSF REPLACEMENT FACILITY		X									X	X						X	X			
K6-0494	ROTATION/PROCESSING BLDG.		X					X				X							X				
K6-0494A	MIX ROOM																						
K6-0495	SUPPORT BLDG.											X	X						X	X			
K6-0496	GATE HOUSE											X							X				
K6-0497	SURGE BLDG. #1											X							X				
K6-0545	GENERAL WAREHOUSE		X																				
K6-0546	MLP REFURBISHMENT (PARKING) AREA											X			X	X							
K6-0547	MLP PARK SITE											X	X						X	X			
K6-0548	COMM EQUIPMENT BUILDING												X	X					X	X			



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K6-0950	F Gate's Support Bldg														X				X	X		
K6-0994	VAB ELEVATED POTABLE WATER STORAGE TANK																					
K6-0995	GROUND STORAGE RESERVOIR																					
K6-0996	POL												X						X			
K6-0996A	MAINTENANCE SHOP		X									X	X						X			
K6-0998	HAZARDOUS WASTE STAGING BUILDING																					
K6-0999	TURNSTILE SHELTER											X							X			
K6-1046	STORAGE BLDG.											X										
K6-1090	CS FPL BUILDING																		X			
K6-1091	EMERGENCY POWER STATION											X							X			
K6-1094	PROCESSING CONTROL CENTER (PCC)	X	X					X		X	X	X	X	X	X	X			X	X		
K6-1096	OPERATIONS SUPPORT BUILDING (OSB)	X	X	X							X	X	X	X	X	X			X	X		
K6-1141	POWER SUBSTATION, C-5										X	X	X						X	X		
K6-1141A	SWITCH GEAR BUILDING											X										
K6-1145	MULTI-FUNCTION FACILITY (MFF)		X									X	X	X					X	X		
K6-1145A	SUBSTATION																					
K6-1170	SOUTH PAPI LIGHTS 6,500 FEET																		X			
K6-1193	REPEATER BUILDING	X	X		X	X				X		X	X	X	X	X	X		X	X		
K6-1198	FIRE STATION #2	X	X									X							X	X		
K6-1200A-J	VAB MODULAR OFFICE BLDS.		X							X						X						
K6-1205	Lift Station																					
K6-1247	LAUNCH EQUIPMENT SHOP (LES)	X	X							X		X	X	X					X	X		
K6-1248	Backup Generator Building		X																			
K6-1249	OPERATIONS SUPPORT BUILDING II (OSBII)	X	X	X						X	X	X	X	X	X		X					X
K6-1255	SEWAGE LIFT STATION																					
K6-1298	MISSION SUPPORT BLDG	X	X									X	X			X			X	X		
K6-1323	SOUTH PAPI LIGHTS 7,500 FEET																		X			
K6-1345	GAS STATION											X							X			
K6-1346	PNEUMATICS SHOP		X									X	X						X	X		
K6-1347	HAZARDOUS WASTE STAGING SHELTER																					
K6-1347F	HAZARDOUS WASTE STORAGE FACILITY																					
K6-1347G	STORAGE BUILDING																					
K6-1348	OPERATIONS SUPPORT BUILDING		X									X							X			
K6-1396	HAZARDOUS WASTE STAGING SHELTER																					
K6-1397	PAINT SHOP		X									X	X						X	X		
K6-1397C	ELECTRICAL STORAGE FACILITY																					
K6-1397D	POL																					
K6-1397G	POL																					
K6-1397I	STORAGE BUILDING		X																			
K6-1399	CLAMSHELL #2		X																X			
K6-1446	GENERATOR OPERATIONS SHOP		X									X	X	X					X			
K6-1446A	SHOP and STORAGE BUILDING	X	X									X	X						X	X		
K6-1446D	BASE ELECTRIC SHOP		X									X	X						X	X		
K6-1446E	DRUM STORAGE BUILDING																					

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																					
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras (OTV)	POCS - Photo Optical System	BCDS	Timing and Countdown	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber plant	Data Center Operations	VITS / Conf Room
K6-1446F	GENERATOR STORAGE SHED																						
K6-1449	GENERAL WAREHOUSE		X										X										
K6-1547	LOGISTICS FACILITY	X	X								X	X	X	X	X				X	X			
K6-1547A	POL												X										
K6-1547B	BARREL SHED												X										
K6-1547C	SUPPORT BLDG.												X										
K6-1547D	CABLE REEL SHED																						
K6-1547E	EXPLOSIVES STAGING SHED													X									
K6-1547F	LOADING DOCK												X								X		
K6-1547G	STORAGE SHED																						
K6-1547H	EQUIPMENT SHELTER																						
K6-1696	COMPONENT REFURB. and CHEMICAL ANALYSIS FAC. (CRCA)		X										X	X	X				X	X			
K6-1696A	WASTE WATER TREATMENT PLANT												X										
K6-1696B	SOLVENT DISTILLATION CANOPY																						
K6-1697	GAS/DM WATER PROCESSING PLANT																						
K6-1697A	SUPPORT BUILDING																		X				
K6-1745	COMM CROSS CONNECT TERMINAL #4																		X	X			
K6-1747	HYPERGOL DECONTAMINATION BUILDING												X	X									
K6-1748	DRY CHEMICAL STORAGE BUILDING																		X				
K6-1748A	HAZARDOUS WASTE STORAGE BUILDING												X										
K6-1748B	DRY CHEMICAL STORAGE BUILDING																						
K6-1748C	DRY CHEMICAL STORAGE BUILDING																						
K6-1844	LOCOMOTIVE MAINTENANCE FACILITY			X									X	X									
K6-1844A	HAZARDOUS MATERIAL STAGING AREA																		X				
K6-1844B	ABRASIVE RECOVERY BUILDING																						
K6-1844C	POL																						
K6-1847	GENERATOR MAINTENANCE SHOP		X										X	X					X	X			
K6-1847A	GENERATOR OFFICE			X									X	X							X		
K6-1847B	GENERATOR CHECKOUT SHED												X										
K6-1847C	GENERATOR STORAGE SHED																						
K6-1847D	POL SHED																						
K6-1847E	EQUIPMENT WASH AREA		X																				
K6-1847F	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																						
K6-1896	CONTRACTOR SUPPORT BUILDING #8												X	X					X	X			
K6-1896A	COVERED WORK AREA																						
K6-1896B	WASTE STAGING SHELTER																						
K6-1896C	STORAGE BUILDING																						
K6-1896D	STORAGE BUILDING																						
K6-1896E	STORAGE BUILDING																						
K6-1995	HEAVY EQUIPMENT MAINTENANCE SHOP		X										X	X					X	X			
K6-1995A	HAZARDOUS MATERIAL STORAGE SHED (CONTROLLED WST)												X										
K6-1996	HEAVY EQUIPMENT SHOP		X										X	X					X	X			

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																						
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical	BCDS	Timing and Countdown System	Telephones	Administrative	ATM Network and Data	T-Carrier / SONET	Fiber optic System	DVTS - Wideband	Copper Wideband	Outside Video Trans. Sy	Outside Copper plant	Data Center Plant	VITS / Conf Room
K6-1996D	STAGING BUILDING #1												X	X						X	X			
K6-1996F	HAZARDOUS WASTE STAGING SHELTER																			X				
K6-1996G	ELECTRICAL SHOP												X							X				
K6-1996H	HEAVY EQUIPMENT OFFICE BUILDING												X	X	X					X	X			
K6-1996I	HAZARDOUS WASTE STAGING BUILDING/PORTABLE (CONTROLLED WST)																							
K6-1996K	COVERED EQUIPMENT STORAGE																			X				
K6-1996L	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																							
K6-1996M	BATTERY STORAGE BUILDING		X																					
K6-1996N	STORAGE BUILDING																							
K6-1996P	RIGGING STORAGE BUILDING																							
K6-1996Q	POL																							
K6-1996T	COMPRESSOR ROOM		X																					
K6-1996U	STORAGE BUILDING																							
K6-1996V	STORAGE BUILDING																							
K6-1997	ASTRONAUT VAN GARAGE		X																					
K6-1998	ASTRONAUT VAN GARAGE																							
K6-2026	PUMP HOUSE N14																							
K6-2045	HIGH CREW STORAGE BUILDING												X	X								X		
K6-2046	HURRICANE STORAGE SHELTER																			X	X			
K6-2047	SANDBAGS SHELTER																							
K6-2096	CONTRACTOR SUPPORT BLDG. #6												X											
K6-2196	ROADS and GROUNDS MAINTENANCE #3													X						X	X			
K6-2197	VEHICLE SHED																							
K6-2359	SECURITY TRAINING CENTER (WEAPONS RANGE)		X	X									X	X						X				
K6-2359A	DRILL TOWER		X										X											
K6-2360	LIVE FIRE BUILDING (SHOOT HOUSE)		X										X											
K6-2361	ARMORY MODULAR FACILITY			X									X							X				
K6-2496	SECURITY POLICE TRAINING FACILITY	X	X	X								X	X	X	X		X		X	X				
K6-2496A	KENNEL		X	X																X				
K6-2496B	KENNEL		X	X									X	X	X					X				
K6-2497	LIGHTNING PROTECTION TOWERS																							
K6-2498	UNIVERSAL CAMERA SITE #18																			X	X			
K7-0042	GUARD HOUSE																			X				
K7-0089	REPEATER BUILDING #3												X							X	X			
K7-0114	HAZARDOUS WASTE STAGING BUILDING																							
K7-0115	PCB WASTE STORAGE BUILDING																							
K7-0140	LC39 OBSERVATION GANTRY EXHIBIT BUILDING												X		X					X	X			
K7-0140A	GUARD HOUSE												X							X				
K7-0141	LC39 OBSERVATION TOWER									X														
K7-0142	LC39 TOUR STOP CONCESSION BUILDING																							
K7-0163	LH2 STORAGE SHED												X											
K7-0164	HAZARDOUS WASTE STORAGE BUILDING/SOLIDS																			X				
K7-0165	HAZARDOUS WASTE STORAGE BUILDING/LIQUIDS												X											

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																					
		O/S	Paging and Area Warning	Radio Systems	Audio Distribution	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical System	BCDS	Timing and Countdown	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber plant	VITS / Conf Room	
K7-0168	LOADING RAMP																						
K7-0187	MSS PARK SITE ELECTRICAL INTERFACE BLDG.												X						X	X			
K7-0188	MOBILE SERVICE STRUCTURE PARK SITE																						
K7-0188A	GFE STORAGE SHOP																						
K7-0188B	SWITCHING STATION																						
K7-0188C	TOILET ROOM																						
K7-0255	MAGAZINE #1																						
K7-0287	SECURITY BOATHOUSE											X							X				
K7-0306	MAGAZINE #2																						
K7-0314	DRUM STORAGE											X											
K7-0314A	LN2 DEWARS BUILDING																						
K7-0315	AMMONIA CYLINDERS STORAGE BUILDING																						
K7-0315A	LN2 STORAGE TANK																						
K7-0356	MAGAZINE #3																						
K7-0367	AMMONIA BOILER REFURBISHMENT FACILITY	X	X									X							X				
K7-0405	MAGAZINE STORAGE #4																						
K7-0412	HIGH PURITY OXYGEN FACILITY											X											
K7-0412A	OXYGEN K BOTTLE STORAGE SHED																						
K7-0413	LO2 STORAGE SHED																						
K7-0415	MULTI-FUNCTION PROPELLANTS FACILITY (HYDRO/K-BOTTLE BUILDING)		X									X	X										
K7-0415A	SEWAGE LIFT STATION																						
K7-0416	OPERATIONS BLDG #1		X									X	X					X	X				
K7-0416A	OPERATIONS BLDG #2		X									X						X					
K7-0416B	PROPELLANT SUPPORT BLDG.		X									X	X										
K7-0417	POL											X						X					
K7-0422	REPEATER BLDG #2																	X	X				
K7-0464A	SEWAGE LIFT STATION																						
K7-0467	STORAGE BUILDING, CCF																						
K7-0468	CONVERTER/COMPRESSOR BUILDING, CCF	X	X								X	X	X	X		X		X	X				
K7-0468A	STORAGE SHED																						
K7-0469	METER STATION		X										X										
K7-0506	ORDNANCE LAB #1		X									X	X					X					
K7-0516	PROPELLANTS LAB AND HP GAS MAINT. FACILITY																	X	X				
K7-0558	ORDNANCE OPERATIONS BLDG.		X									X	X					X					
K7-0560	COMPONENTS CLEANING FACILITY (CCF) REMEDIAL SYSTEM		X										X										
K7-0569	CONVERTER/COMPRESSOR OPERATIONS BLDG.	X	X									X	X					X	X				
K7-0569B	HAZARDOUS WASTE STAGING SHELTER											X											
K7-0569C	HAZARDOUS WASTE STAGING BUILDING											X											
K7-0570	POL																						
K7-0618	NON-DESTRUCTIVE EVALUATION BUILDING											X						X					
K7-0619	SAND and EQUIPMENT STORAGE FACILITY #1																						
K7-0623	STORAGE BUILDING																						

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																					
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical (OTV)	BCDS	Timing and Countdown System	Telephones	Administrative	ATM Transmissive Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber plant	VITS / Conf Room
K7-0709	REPEATER BLDG. #1																			X	X		
K7-0830	Guard House	X	X																				
K7-0831	Guard House																						
K7-0853	HIGH PRESSURE GAS STORAGE BLDG.	X	X		X															X			
K7-0900	LCC 1P3	X	X		X	X														X	X		
K7-0901	MATERIAL DISTRIBUTION/MAINTENANCE BUILDING																			X			
K7-0902	BUS STOP SHELTER																			X			
K7-0905	LC39 EMPLOYEE VIEWING SITE		X																				
K7-0955	LCC GUARDHOUSE E-GATE											X								X			
K7-1005	BARGE TERMINAL FACILITY																						
K7-1052	HELIPAD																						
K7-1153A	STORAGE BLDG																						
K7-1203	EMERGENCY GENERATOR BUILDING											X								X			
K7-1204	PRE-FAB CONCRETE BUILDING (NEW CENTURY)		X									X	X							X	X		
K7-1205A	PRESS SITE COMMUNICATIONS CONTROL BLDG.	X	X	X													X						
K7-1205B	PRESS SITE CABLE TERMINAL BLDG.		X									X								X	X		
K7-1205C	PRESS SITE TRANSFORMER BLDG.																						
K7-1205F	PRESS SITE NEWS FACILITY	X	X	X	X						X	X	X	X	X	X			X	X	X		
K7-1206	REST ROOMS																						
K7-1207	NASA NEWS CENTER	X	X	X	X							X	X							X	X		
K7-1557	INSTRUMENTATION FACILITY BUILDING		X	X								X	X	X	X					X	X		
K7-1607	COMMUNICATION TOWER																						
K7-1608A	EQUIPMENT BUILDING																			X			
K7-2468	SANDBLAST PAINT FACILITY																			X			
K7-2468A	SANDBLAST MEDIA BUILDING																			X			
K7-2468B	HAZARDOUS WASTE STAGING SHELTER																						
K8-0237	CORROSION TEST AREA		X																				
K8-0741	BEACH TRACKING SITE, SOUTH																			X	X		
K8-1403	UNIVERSAL CAMERA SITE #15																			X	X		
K8-1404	FORWARD OBSERVER TOWER																						
K8-1648	UNIVERSAL CAMERA SITE #3																			X	X		
K8-1699	KSC CONFERENCE CENTER											X	X							X			
L5-0033	PUMP HOUSE N13																						
L5-1647	PUMP HOUSE N10																						
L6-0043	RECHLORINATION BUILDING																						
L6-0075	EQUIPMENT BUILDING																			X			
L6-0133	RADAR WIND PROFILER (SITE c)											X								X			
L6-0146	ENGINEERING and ADMIN BLDG.	X	X									X	X*		X	X				X	X		
L6-0147	CHILLER BUILDING											X	X*										
L6-0196	GUARD HOUSE											X	X*										
L6-0247	MANUFACTURING BUILDING	X	X									X	X*										
L6-0248	SERVICE BUILDING											X											
L6-0249	GSE REPAIR / WASH BUILDING											X											
L6-0295	HAZARDOUS WASTE STAGING BUILDING																						

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																						
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras (OTV)	POCS - Photo Optical System	BCDS	Timing and Countdown	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sys.	Copper Wideband	Outside Copper plant	Outside Fiber plant	Data Center Operations	VITS / Conf Room	
L6-0297	STORAGE BUILDING													X										
L7-0071	WEIGH STATION (at LandFill)													X										
L7-0072	LANDFILL MODULAR SCALEHOUSE		X																					
L7-0073	Solar Panels at Landfill																							
L7-0201	POL STORAGE BUILDING													X										
L7-0251	AFT SKIRT TEST BLDG.													X										
L7-0888	FIRE RESCUE TRAINING AREA		X																X					
L7-0889	FIRE and RESCUE DRILL TOWER		X																					
L7-0940	CLASSROOM BUILDING		X											X					X					
L7-0940A	CLASSROOM/OFFICE BLDG.		X											X	X				X					
L7-0989	GN2 CONTROL BUILDING													X										
L7-1557	ENVIRONMENTAL HEALTH BUILDING	X	X	X										X	X				X	X				
L7-1557C	STORAGE BUILDING																							
L7-1557D	ASBESTOS TESTING LAB													X										
L7-1758	PERMANENT AIR MONITORING STATION (PAMS)																							
L7-1759	EQUIPMENT SHELTER																		X					
L7-1759A	LIGHTNING DETECTION AND RANGING SITE TOWER (LDAR)																		X	X				
L7-1759B	EQUIPMENT SHELTER																							
L7-2242	LAUNCH VIEWING AREA (FCA MOBILE SITE #1)																		X					
LA-001	LAND																							
M3-0002	PASS and ID BUILDING GATE #3													X	X	X		X			X			
M3-0003	INDIAN RIVER BRIDGE													X					X					
M3-0003A	CONTROL HOUSE, INDIAN RIVER BRIDGE		X																					
M3-0007	SEWAGE TREATMENT PLANT #16																							
M3-0147	EMERGENCY GENERATOR BUILDING																							
M5-0791	COLLIMATION TOWER EQUIPMENT BLDG.	X																	X	X				
M5-0792	TOWER																							
M5-1394	GATE HOUSE													X										
M5-1443	SUPPORT SERVICE BUILDING																							
M5-1444	POWER BLDG.													X					X					
M5-1494	OPERATIONS BLDG				X								X	X	X	X	X	X	X	X	X			
M5-1494B	BACKUP GENERATOR BUILDING																	X						
M5-1495	ENGINEERING SUPPORT BUILDING													X										
M5-1543	ANTENNA TOWER #1																							
M5-1544	HYDROMECHANICAL BLDG.													X										
M5-1545	TRANSMITTER BLDG.													X										
M5-1546	MILA RELAY SYSTEM BUILDING		X											X										
M5-1547	ANTENNA TOWER #2																							
M5-1549	ANTENNA TOWER																							
M5-1586	PUMP HOUSE N8																							
M5-1586A	PUMP HOUSE N9																							
M5-1594	HAZARDOUS WASTE STAGING SHELTER																							
M5-1594A	HAZARDOUS MATERIAL STORAGE BUILDING																							



SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																					
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical	BCDS	Timing and Countdown System	Telephones	Administrative Network	ATM Transmission and Data Carrier / SONET	Fiber optic System	DVTS - Digital Video Trans. System	Copper Wideband	Outside Copper plant	Outside Fiber plant	Data Center Operations	VITS / Conf Room
M5-1595	LIFT TRUCK SHELTER												X										
M5-1695	TDRS ANTENNA SITE												X										
M6-0038	STORAGE SHED												X				X						
M6-0039	PROGRAM SUPPORT/COMMUNICATIONS NETWORK BUILDING										X	X	X	X	X	X			X	X			
M6-0039A	GENERATOR BLDG.												X					X	X				
M6-0136	CD&SC GUARD HOUSE					X							X					X					
M6-0138	COMMUNICATIONS DISTRIBUTION AND SWITCHING CENTER (CD&SC)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
M6-0139	GENERATOR BUILDING												X										
M6-0166	PUMP HOUSE N11																						
M6-0211	SHUTTLE/GANTRY MOCK-UP																						
M6-0211A	EXTERNAL TANK and SOLID ROCKETS MOCKUP																						
M6-0223	SECURITY GATE 3		X						X			X	X	X		X		X	X				
M6-0225	GATE 3'S ELECTRONIC SIGN																						
M6-0230	FOOT BRIDGE																						
M6-0232	NASA/KENNEDY PARKWAY INTERCHANGE BRIDGE																						
M6-0260	POST SHOW DOME																		X	X			
M6-0306	VISITOR INFORMATION CENTER		X										X	X									
M6-0310	COMFORT STATION																		X	X			
M6-0328	RAQUETBALL COURT (KARS 1)												X										
M6-0336	ELECTROMAGNETIC LAB (EML)	X	X	X							X	X	X			X		X					
M6-0337	PLATFORM																		X	X			
M6-0338	PLATFORM																						
M6-0339	BASE OPERATIONS BLDG. (BOB)		X									X	X	X		X							
M6-0342	CENTRAL INSTRUMENTATION FACILITY (CIF)	X	X	X		X				X	X	X	X	X	X	X	X	X	X	X	X	X	X
M6-0342B	HAZARDOUS WASTE STAGING SHELTER												X						X	X			
M6-0362	GUARD HOUSE																						
M6-0392	TOXIC HAZARDS LAB												X										
M6-0399	KSC HEADQUARTERS BUILDING (HQ)(HQS)	X	X	X						X	X	X	X	X	X	X					X	X	
M6-0409	SPACEPORT CENTRAL		X									X	X						X	X			
M6-0409C	FOOD SERVICE BLDG.																						
M6-0409D	CAFETERIA																						
M6-0409E	SPACE FLIGHT EXHIBIT BUILDING																						
M6-0409F	KENNEL																						
M6-0409G	SOUVENIR SALES BUILDING																						
M6-0409H	RECEIVING BUILDING																						
M6-0409I	THEATER COMPLEX											X	X	X		X							
M6-0409K	SKY FRAME PAVILION																		X	X			
M6-0409M	PLAYGROUND DOME																						
M6-0409N	ENTRANCE TICKET BOOTHS																						
M6-0410	KSC VISITORS CENTER ADMINISTRATION BUILDING		X										X		X								
M6-0411	FIRST AID STATION												X										
M6-0427	PAVILION (KARS 1)												X										

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																				
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical (OTV)	BCDS	Timing and Countdown	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiber optic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber plant	VITS / Conf Room
M6-0454	MAIN CAMPUS STORAGE WAREHOUSE																		X			
M6-0455	TOUR BUS SERVICING BUILDING																					
M6-0455A	BUS WASH FACILITY																					
M6-0455B	MAINTENANCE SHOP BUILDING																					
M6-0455C	MAINTENANCE SHOP BUILDING																					
M6-0455D	STORAGE BUILDING																					
M6-0455E	MAINTENANCE SHOP BUILDING																					
M6-0456	BATTERY STORAGE SHED																					
M6-0457	EARLY SPACE EXPLORATION BUILDING													X								
M6-0457A	GUARD HOUSE																					
M6-0485	SHED																					
M6-0485A	SHED																					
M6-0486	BASE SUPPORT (M&O;MAINTENANCE AND OPERATIONS)	X	X										X	X	X		X					
M6-0486A	LOADING DOCK												X						X	X		
M6-0486I	HAZARDOUS WASTE STAGING BUILDING																					
M6-0486J	STORAGE BUILDING																					
M6-0486K	POL																					
M6-0486L	STORAGE BUILDING																					
M6-0489	NASA TECHNICAL RECORDS CENTER		X										X	X								
M6-0493	INDUSTRIAL AREA SUPPORT BUILDING		X										X	X		X		X				
M6-0493C	EMERGENCY GENERATOR BUILDING																	X	X			
M6-0495	DISPENSARY (OHF)		X	X									X	X	X		X					
M6-0495A	HELIPAD #7			X														X	X			
M6-0495B	MEDICAL SUPPLY STORAGE BUILDING												X									
M6-0495D	EMERGENCY GENERATOR BUILDING																	X				
M6-0502	STORAGE YARD																					
M6-0503	STORAGE BUILDING																					
M6-0504	MAINTENANCE/EXHIBIT BLDG.		X																			
M6-0505	TOUR BUS FUELING FACILITY																					
M6-0505A	GAS STORAGE																					
M6-0506	ROADS and GROUNDS MAINTENANCE #2		X	X																		
M6-0507	CHILLER PLANT		X																			
M6-0533	STORAGE SHED																					
M6-0534	HEAVY EQUIPMENT WASH FACILITY																					
M6-0536	LUMBER STORAGE																					
M6-0536A	POL BUILDING																					
M6-0537	STORAGE and SALVAGE OFFICE												X	X								
M6-0539	STORAGE SHED		X																			
M6-0553	EXHIBITS MAINTENANCE BUILDING																					
M6-0553A	DUMPSTER ENCLOSURE																					
M6-0555	NURSERY		X																			
M6-0556	STORAGE BUILDING																					
M6-0570	KSC Learning Institute (Training)		X										X	X								

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																						
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical	BCDS	Timing and Countdown	Telephones	Administrative	ATM Transmission Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. System	Copper Wideband	Outside Video Trans. System	Outside Copper Plant	Data Center Operations	VITS / Conf Room
M6-0584	POL																			X	X			
M6-0584A	POL																			X				
M6-0584B	STORAGE BUILDING																							
M6-0586	PROOF LOAD TEST STRUCTURE																							
M6-0587	HEAVY EQUIPMENT OPERATIONS		X										X	X										
M6-0588	CUSTODIAL SUPPORT BLDG.		X										X	X						X				
M6-0589	SUPPORT BLDG	X	X										X	X						X				
M6-0595	HEATING PLANT		X										X	X	X					X	X			
M6-0595B	STORAGE BUILDING																			X	X			
M6-0595C	ENVIRONMENTAL STORAGE SHED																							
M6-0595D	SUPPORT BUILDING		X										X											
M6-0595E	FUEL OIL TANK																							
M6-0639	FILM STORAGE BUILDING												X	X										
M6-0687	TRAILER MAINTENANCE SHOP												X							X				
M6-0688	PROPELLANTS MAINTENANCE		X										X	X										
M6-0689	VEHICLE MAINTENANCE		X										X							X				
M6-0689A	NATURAL GAS FUELING STATION																							
M6-0689B	NATURAL GAS REGULATOR STATION																							
M6-0689C	AIR COMPRESSOR STORAGE BUILDING																							
M6-0695	FIRE STATION #4		X										X		X									
M6-0698	SUPPLY WAREHOUSE #2 (CAPPS'S)		X										X	X						X				
M6-0737	HAZARDOUS WASTE STAGING SHELTER																			X	X			
M6-0740	NASA EXCHANGE STOWAGE												X	X										
M6-0744	CENTRAL SUPPLY FACILITY (JBOSC LOGISTICS)		X										X	X		X				X				
M6-0744B	PUMP HOUSE																			X	X			
M6-0785	SOURCE EVALUATION BOARD BUILDING (SEB)		X										X	X	X									
M6-0790	COMM CROSS CONNECT #5												X							X	X			
M6-0791	COMMUNICATIONS MAINTENANCE and STORAGE	X	X	X	X						X	X	X	X						X	X			
M6-0791B	MATERIAL STAGING BUILDING																			X	X			
M6-0791C	CARDBOARD BAILER BUILDING																							
M6-0791D	RADIO TOWER 314'			X	X																			
M6-0792	CABLE STORAGE SHED																							
M6-0794	SUPPLY WAREHOUSE #1		X										X	X										
M6-0794A	PUMP HOUSE																			X	X			
M6-0798	HEAVY EQUIPMENT STORAGE AREA		X																					
M6-0798A	HEAVY EQUIPMENT STORAGE SHED																							
M6-0847	SILVER RECOVERY BUILDING																							
M6-0880	GSA SEIZED PROPERTY AREA																							
M6-0883	KSC CHILD DEVELOPMENT CENTER (Day Care)		X										X		X									
M6-0891	SUPPLY WAREHOUSE #3																			X	X			
M6-0894	POL		X										X	X						X				
M6-0894A	ACID STORAGE SHED																			X				
M6-0894B	GAS CYLINDER STORAGE SHED																							
M6-0894C	POL SHED																							

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																				
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical	BCDS	Timing and Countdown System	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiber optic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber plant	VITS / Conf Room
M6-0894D	POL SHED																					
M6-0895	SEWAGE PLANT,OFFICE and LAB		X										X	X								
M6-0895A	SEWAGE LIFT STATION #1A																		X			
M6-0895B	SEWAGE TREATMENT PLANT #1		X																X			
M6-0895C	AERATED SURGE TANK																		X			
M6-0895D	SAND FILTER TREATMENT TANK																					
M6-0895E	CHLORINE CONTACT CHAMBER																					
M6-0895F	CLARIFIER #1, Sewage Water																					
M6-0895G	CLARIFIER #2, Sewage Water																					
M6-0896	COMPRESSED AIR SHOP		X										X	X								
M6-0896A	WATER STORAGE TANK																		X			
M6-0897	WASTE WATER TREATMENT FACILITY																					
M6-0934	GATE 2																		X			
M6-0946	HAZARDOUS STORAGE SHELTER																		X			
M6-0996	POWER SUBSTATION, ORSINO											X		X								
M6-0996A	ORSINO FPL POWER SUBSTATION																		X	X		
M6-1025	SLSL	X	X			X						X	X	X	X	X			X	X		
M6-1044	SEWAGE TREATMENT POLISHING POND																		X	X		
M6-1621	RECLAMATION STORAGE SHED		X																			
M6-1623	RIGGING AND STORAGE BUILDING		X																			
M6-1624	EQUIPMENT STAGING BUILDING		X																			
M6-1625	ADMINISTRATION/PAINT BUILDING		X										X	X								
M6-1626	HAZARDOUS WASTE STAGING BUILDING																		X	X		
M6-1627	BLAST BUILDING #2																					
M6-1628	BLAST BUILDING #1																					
M6-1629	COMPRESSOR BUILDING																					
M6-1671	REUTILIZATION, RECYCLING and MARKETING FACILITY (RRMF)		X										X	X								
M6-1671A	SEWAGE LIFT STATION																		X	X		
M6-1671B	GFE STORAGE SHELTER																					
M6-1671C	NON-HAZARDOUS MATERIAL STAGING BUILDING		X																			
M6-1723	PROPERTY DISPOSAL OFFICE		X										X	X								
M6-1724	SECURITY GATE 2		X										X	X					X	X		
M6-1730	GATE 2'S ELECTRONIC SIGN							X											X	X		
M6-1757	PUMP HOUSE N6																					
M7-0286	UNIVERSAL CAMERA SITE #2												X									
M7-0335	EQUIPMENT BUILDING																		X			
M7-0351	AUDITORIUM and TRAINING BUILDING	X	X							X		X	X									X
M7-0353	O and C GUARD SHACK																		X	X		
M7-0355	OPERATIONS and CHECKOUT BUILDING (O&C)	X	X	X	X	X		X		X	X	X	X	X	X	X	X				X	X
M7-0355B	EQUIPMENT BUILDING																		X	X		
M7-0355C	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																					
M7-0355D	ELECTRICAL MOTOR CONTROL BUILDING																					
M7-0360	SPACE STATION PROCESSING FACILITY (SSPF)	X	X	X				X		X	X	X	X	X	X	X	X					

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																						
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical (OTV)	BCDS	Timing and Countdown	Telephones	Administrative Network	ATM Transmission System	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sys	Copper Wideband	Outside Copper plant	Outside Fiber plant	Data Center Operations	VITS / Conf Room
M7-0360A	HAZARDOUS WASTE STAGING AREA		X																	X	X			
M7-0361	OPS SUPPORT BUILDING NO. 1		X										X											
M7-0361A	AMMONIA VAPOR CONTAINMENT BUILDING	X	X										X								X			
M7-0362	OPS SUPPORT BUILDING #2		X																					
M7-0404	HIGH PRESSURE GAS STORAGE FACILITY		X										X								X			
M7-0407	INDUSTRIAL AREA CHILLER PLANT (IACP)		X											X	X									
M7-0407A	COOLING TOWER, O&C																				X	X		
M7-0409	ENGINEERING DEVELOPMENT LAB (EDL)	X	X					X				X	X	X	X		X							
M7-0409A	EQUIPMENT BLDG.		X									X									X	X		
M7-0409B	STORAGE SHED		X																					
M7-0433	RECHLORINATION BLDG.																							
M7-0451	SEWAGE LIFT STATION #1C																							
M7-0453	PAYLOAD MAINTENANCE FACILITY	X	X											X							X			
M7-0457	STORAGE SHELTER		X																		X			
M7-0458	STORAGE SHED		X											X										
M7-0459	ISSC CONCESSION BUILDING (Tour Stop)		X																		X			
M7-0459A	GUARD HOUSE		X																					
M7-0460	STORAGE BUILDING																							
M7-0460A	STORAGE BUILDING																							
M7-0505	PAYLOAD SUPPORT BUILDING	X	X										X	X										
M7-0505A	LAUNCH EQUIPMENT TEST FACILITY (LETF)	X	X					X				X	X	X			X				X	X		
M7-0507	STORAGE SHELTER																							
M7-0531	BANANA RIVER REPEATER STATION		X	X									X		X	X	X	X						
M7-0554	POL												X								X	X		
M7-0555	WATER AND WASTE SUPPORT BUILDING		X										X	X							X			
M7-0555A	EQUIPMENT SHELTER		X																			X		
M7-0556	HAZARDOUS WASTE STAGING SHELTER																							
M7-0556A	POL BUILDING																							
M7-0556B	HAZARDOUS WASTE STAGING BUILDING/PORTABLE																							
M7-0557	CRYOGENICS TEST LABORATORY	X	X										X	X										
M7-0581	PROTOTYPE SHOP		X										X	X							X	X		
M7-0609	FIRE PUMPING STATION																				X	X		
M7-0651	VEHICLE LOADING and UNLOADING RAMP																				X			
M7-0656	PARACHUTE STORAGE BUILDING		X																					
M7-0657	PARACHUTE REFURBISHMENT FACILITY		X										X	X*										
M7-0660	GN2 METER STATION BUILDING																				X	X		
M7-0776A	POL BUILDING		X																					
M7-0776B	STORAGE BUILDING		X										X	X										
M7-0777	TRANSPORTER/CANISTER FACILITY	X	X	X									X	X							X			
M7-0787	SOURCE EVALUATION BOARD BUILDING (SEB) II												X	X							X	X		
M7-0809	COMMUNICATION CROSS CONNECT #1																				X	X		
M7-0862	HAZARDOUS WASTE STAGING SHELTER		X																		X	X		
M7-0867	BORESIGHT CONTROL BUILDING												X								X			
M7-0912	GENERAL WAREHOUSE		X										X								X			

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																					
		O/S	Paging and Area Warning	Radio Systems	Audio Distribution	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical (OTV)	BCDS	Timing and Countdown	Telephones	Administrative Network	ATM Transmission Network and Data Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans.	Copper Wideband	Outside Copper Trans. Sy.	Outside Fiber Plant	Data Center Operations	VITS / Conf Room
M7-0913	EQUIPMENT BUILDING																		X				
M7-0961	HYPERGOL MODULE PROCESSING, NORTH	X	X											X	X	X			X				
M7-1011	GSE STORAGE BLDG.	X	X										X	X				X	X				
M7-1059	HYPERGOLIC MAINTENANCE FACILITY SUPPORT BUILDING #2 (HMF 2)	X	X										X	X	X			X	X				
M7-1061	HYPERGOL SUPPORT BLDG.	X	X									X	X	X	X	X	X	X					
M7-1061A	GHE and GN2 STORAGE																	X	X				
M7-1061B	LINE-OF-SIGHT ANTENNA																						
M7-1098	BANANA RIVER PUMP STATION							X				X											
M7-1104	MULTI-PAYLOAD PROCESSING FACILITY (MPPF)	X	X					X				X	X	X	X						X		
M7-1104A	FUEL TRANSFER SHED	X	X															X	X				
M7-1112	HEATING PLANT		X									X											
M7-1150	BANANA RIVER BRIDGE (ROY D BRIDGES JR BRIDGE)		X									X						X					
M7-1160	BOAT DOCK																						
M7-1212	HYPERGOL MODULE PROCESSING, SOUTH	X	X										X	X	X			X	X				
M7-1303	KRYPTON STORAGE BLDG.																	X	X				
M7-1354	PAYLOAD HAZARDOUS SERVICING Facility (PHSF)	X	X					X				X	X	X	X	X		X					
M7-1354A	OXIDIZER SHED	X	X					X										X	X				
M7-1354B	FUEL TRANSFER BuILDinG	X	X					X															
M7-1354C	PUMP HOUSE																						
M7-1355	TRANSPORTER STORAGE SHED		X																				
M7-1356	TURNSTILE SHELTER		X																				
M7-1357	MULTI-OPERATION SUPPORT BUILDING (MOSB)	X	X			X						X	X	X	X	X	X	X					
M7-1357A	LINE-OF-SIGHT ANTENNA	X										X	X							X	X		
M7-1361	STORAGE AREA																						
M7-1362	FIREX PUMP STATION		X																				
M7-1362A	WATER STORAGE TANK																		X				
M7-1412A	EQUIPMENT SHELTER																						
M7-1417	ORDNANCE LAB #2		X										X						X				
M7-1419	VPF SUPPORT BUILDING	X	X										X	X					X				
M7-1469	VERTICAL PROCESSING FACILITY (VPF)	X	X	X				X				X	X	X	X	X	X						
M7-1469C	POL SHED																		X	X			
M7-1469D	STORAGE SHED																						
M7-1469E	OZONATOR BUILDING		X																				
M7-1469F	COOLING TOWER		X																				
M7-1472	ORDNANCE STORAGE		X										X	X									
M7-1509	LOX IMPACT TEST CELL												X	X					X	X			
M7-1521	OPERATIONS SUPPORT BUILDING	X	X										X	X					X				
M7-1522	OPERATIONS SUPPORT BUILDING ANNEX	X	X										X	X					X	X			
M8-2230	BRIDGE - NASA CSWY EAST		X																				
MLP-1	MOBILE LAUNCHER PLATFORM #1	X						X	X	X	X			X					X	X			
MLP-2	MOBILE LAUNCHER PLATFORM #2	X						X	X	X	X			X					X				
MLP-3	MOBILE LAUNCHER PLATFORM #3	X						X	X	X	X			X					X				

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																				
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical (OTV)	BCDS	Timing and Countdown	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sy	Copper Wideband	Outside Copper plant	Outside Fiber plant	VITS / Conf Room
MMSE	MULTIUSE MISSION SUPPORT EQUIPMENT	X																	X			
N6-0065	EQUIPMENT SHELTER																					
N6-0107	PUMP HOUSE N5																					
N6-0146	PUMP HOUSE N2										X											
N6-0407	PUMP HOUSE N3																					
N6-1007	WATER PUMP STATION		X									X										
N6-1009	PASS and I.D. BUILDING GATE #2		X									X	X						X	X		
N6-1118	SOUTH REPEATER BUILDING		X									X			X				X	X		
N6-1120	MOTOR RADAR FACILITY											X							X	X		
N6-2199	LASER LABORATORY											X							X	X		
N6-2245	UNIVERSAL CAMERA SITE #1																		X			
N6-2247	OFFICE/COMPUTER BUILDING											X							X	X		
N6-2274	EQUIPMENT BUILDING																		X	X		
N6-2296	CENTRAL TELEMETRY		X									X	X	X	X				X			
N6-2296G	AIR CONDITION BUILDING																		X	X		
N6-2296H	ELECTRICAL EQUIPMENT BUILDING		X																X			
N6-2296Q	MAINTENANCE TOWER																		X			
N6-2296R	MAINTENANCE TOWER																		X			
P6-1435	INDOOR RANGE and CLUBHOUSE		X									X										
P6-1638	RECREATION BLDG.		X									X	X						X			
P6-1738	ARTS and CRAFTS BLDG.		X									X							X			
P6-1789	STORAGE BUILDING		X									X							X			
P6-1833	REST ROOMS (KARS II)																		X	X		
PDL-1	PONCE DE LEON TRACKING STATION					X													X			
Q6-0082	RADAR STATION (TPQ-18)																					
QQ6-0484	BORE SITE TOWER																		X	X		
TR1-474	TEMPORARY BUILDING																		X			
TR1-475	TEMPORARY BUILDING																					
TR1-476	TEMPORARY BUILDING																					
TR1-477	TEMPORARY BUILDING																					
TR1-591	TEMPORARY BUILDING																					
TR1-601	TEMPORARY BUILDING																					
TR1-610	TEMPORARY BUILDING		X									X									X	
TR1-621	TEMPORARY BUILDING(TACAN TRAILER)		X																			
TR1-632	TEMPORARY BUILDING																					
TR1-634	TEMPORARY BUILDING												X	X								
TR1-704	TEMPORARY BUILDING(MID FIELD FIRE STA)		X	X								X										
TR1-709	TEMPORARY BUILDING																					
TR1-710	TEMPORARY BUILDING																					
TR1-711	TEMPORARY BUILDING																					
TR1-712	TEMPORARY BUILDING																					
TR1-716	TEMPORARY BUILDING											X	X								X	
TR1-730	TEMPORARY BUILDING											X	X									
TR1-736	TEMPORARY BUILDING																					

SERVICES PROVIDED

Facility Number	Facility Name	SERVICES PROVIDED																					
		O/S	Paging and Area Warning	Radio Systems	Audio Systems	VDMS	ASTROCOMM	Voice Recording	Operational Television	ESS-AC Cameras	POCS - Photo Optical System	BCDS	Timing and Countdown	Telephones	Administrative Network and Data	T-Carrier / SONET	Fiberoptic System	DVTS - Digital Video Trans. Sys.	Copper Wideband	Outside Copper plant	Outside Fiber Plant	VITS / Conf Room	
TR1-737	TEMPORARY BUILDING	X											X	X					X				
TR1-741	TEMPORARY BUILDING(MOSB)	X																	X				
TR1-745	TEMPORARY BUILDING		X																X				
TR1-752	TEMPORARY BUILDING																		X				
TRL6-114	TEMPORARY BUILDING												X										
TRM-017	TEMPORARY BUILDING #28		X										X	X									
TRM-023	TEMPORARY BUILDING #42		X										X	X					X				
TRM-031	TEMPORARY BUILDING #31, TR6-102 NOW AT MDD	X											X								X		
TRM-039	TEMPORARY BUILDING #58		X										X	X									
TRM-051	TEMPORARY BUILDING		X										X	X									
TRM-052	TEMPORARY BUILDING NO. 73		X										X	X									
TRM-054	TRAILER BUILDING (2T)																		X				
TRM-055	TRAILER BUILDING (2T)																						
TRM-056	TRAILER (3T) (SECURITY TRAINING, FIRING RANGE TRAILER)												X										
KSC-CT1	CRAWLER CT-1	X																					
KSC-CT2	CRAWLER CT-2	X																					
DFRF	DRYDEN SPA	X																					
TAL	MORON			X	X																		
TAL	ZARAGOZA			X	X																		
TAL	ISTRES			X	X																		
	SRB RETRIEVAL VESSEL - LIBERTY STAR					X																	
	SRB RETRIEVAL VESSEL - FREEDOM STAR					X																	
836	NASA VAFB SPACECRAFT PROCESSING FACILITY													X									
840	NASA VAFB ENGINEERING OFFICES													X									
100	NASA RESIDENT OFFICE, CHANDLER AZ													X									
5211	ASRC TITUSVILLE, FL													X									
	FISH & WILDLIFE FACILITIES												X	X									
	NATIONAL PARK SERVICE FACILITIES											X	X										



**Appendix 13**  
**In-Family and Out-of-Family Listing**  
  
**For**  
  
**Information Management and  
Communications Support (IMCS)**

**Introduction**

Changes made to systems hardware and software are divided into two categories: in-family and out-of-family. In-family work is routine and repetitive in nature. It is normally associated with providing a standard service. The Government will not be in-line to the contractor delivering services that are in-family. Work classified as out-of-family denotes items that the Government will be included in the approval process. Out-of-family work is any change that will affect the system baseline design and/or system architecture. An architecture change is the addition of new capability, change in system topology, system modification, or system software change. Changes in topology include first-time provision of a standard service to a facility.

This applies to work performed by the contractor in response to customer service requests and work that is internally generated such as sustaining tasks.

**In-Family Work**

Items listed below are the systems and types of changes that are considered in-family and Government approval is not required prior to performing work:

Astrocomm – None

Asynchronous Transfer Mode (ATM) including, but not limited to, additions, removals, and modifications (hardware and software) of:

    Circuit activation

BCDS including, but not limited to, additions, moves, and deletions of drops

FOTS including, but not limited to, additions, moves, and deletions of equipped circuits

OIS-D including, but not limited to, additions, moves, and deletions of:

    OIS units

    Speaker monitors

    Headset jacks

    Cross-connects

    Jack boxes

OIS-Q including, but not limited to, additions, moves, and deletions of:

    OIS units

    Cross-connects

Jack boxes

OTV including, but not limited to, additions, moves, and deletions of:

Monitors

Keypads

Outside Fiber-Optic Cable Plant - None

PAWS including, but not limited to, additions, moves, and deletions of:

Local microphones

Audio mixers and mixer extenders (not area warning)

Power amplifiers (not area warning)

Speakers

70-volt distribution

Radio including, but not limited to, additions, moves, and deletions of:

Mobile and portable (including vehicle) radios

Programming of mobile and portable radios

KNET including, but not limited to, additions, moves, and deletions of:

CFPs

User circuits

KSC Network Configuration Board approved Network Security Perimeter Access Request processing and implementation, including Firewall and router Access Control List (ACL) modifications

KSC Network Configuration Board approved Secure Remote Access Services Account Request processing and implementation, including two factor credential issuance

T-Carrier/SONET including, but not limited to, additions, moves, and deletions of circuits

VDMS including, but not limited to, additions, moves, and deletions of:

Voice, data, and aggregate cards

Data circuits

Wideband Transmission systems (WBTSs) limited to the deletions of:

Circuits

System equipment (not Range Safety)

Administrative Telephones, including, but not limited to, additions, moves, and deletions of:

Line & Trunk Service including Hot Dials (Inside KSC)

Telephone Instruments

Voice Mail Boxes

Conference Services

Corrective and Preventative Work Orders

Validation Work Orders

Fabrication of standard items such as:

Self-Contained Atmospheric Protective Ensemble (SCAPE) communications interface equipment, headset cords and extenders, miscellaneous cables, mounting brackets, non-Class 1, Div 2 enclosures,

Inside Fiber-Optic and Copper Cable Plants

Point-to-Point Audio Circuits

Point-to-Point Data Circuits

Public Affairs Office (PAO) Audio

Web-Page development

Reproduction Functions

System documentation updates

### **Out-of-Family Work**

Items listed below are the systems and types of changes that are considered out-of-family and Government approval is required prior to performing work:

Operational Intercommunications System - Digital (OIS-D) including, but not limited to,

Additions, removals, and modifications (hardware and software) of:

Group processor assemblies

Central summing network

Technical control

Off network processor system

Record and playback system

Power distribution

Data transmission equipment

Operational Intercommunications System - Quintron (OIS-Q) including, but not limited to, additions, removals, and modifications (hardware and software) of:

Central equipment

T1/D4 interface module

Channel banks

System administration terminal equipment

Voice and Data Management (VDMS) and attendant circuit interface including, but not limited to additions, removals, and modifications (hardware and software) of:

Transport management system equipment

Fiber multiplexer

Expansion shelves

PAWS including, but not limited to, additions, removals, and modifications (hardware and software) of:

Paging panels

Central matrix equipment

Tone generators and distribution amplifiers

Control trays

Mixers and power amplifiers used for area warning

Astrocomm, all changes affecting the system.

Radio including, but not limited to, additions, removals, and modifications (hardware and software) of:

Crane, crawler transporter, and convoy communications equipment

Transmitters, receivers, and comparators

Remotes

Trunked equipment

Transportable Communications System (TCS)

Transoceanic Abort Landing (TAL) equipment

Copper Wideband Transmission System including, but not limited to, modifications of system equipment (Range Safety and safing cables)

Outside Fiber-Optic Cable Plant, new cable installations

Wideband Fiber-Optic Transmission System (FOTS) including, but not limited to, additions, removals, and modifications of:

Chassis

Multiplexers

New dark fiber circuit activation

Relocation or addition circuits

Networks including, but not limited to

Installation or removal of network hubs, switches, routers, or wireless access points. This includes adding or removing printed circuit cards in modular equipment.

Installation, removal, or relocation of DNS servers, DHCP servers, RADIUS servers, or NCC equipment & servers.

Addition or removal of software supporting the NCC.

Conversion of network connections from open network to private network, unless exception pre-authorized by NASA.

New wireless networks (open or private).

Router multicast changes.

Customer-Owned and Maintained (COAM) Networks connectivity.

Installation, modification, or removal of external link interfaces to KNET.

First time installation of new service in a CCAFS facility.

Network Security Perimeter system Architecture Modifications, including the addition of external links or substantial routing changes.

Operational Television (OTV), including, but not limited to, additions, removals, and modifications (hardware and software) of:

Central equipment such as video routing switcher, OTV system control units, synchronizing generators and distribution, video source synchronizers, video test generators, video measurement systems, video recording systems

Cameras pan and tilt

T-Carrier/Synchronous Optical Network (SONET) including, but not limited to, additions, removals, and modifications (hardware and software) of system equipment.

Asynchronous Transfer Mode (ATM) including, but not limited to, additions, removals, and modifications (hardware and software) of:

System equipment

New circuit activation

BCDS including, but not limited to, additions, removals, and modifications (hardware and software) of system equipment.

Photo-Optical including, but not limited to, additions, removals, and modifications (hardware and software) of system equipment.

Timing including, but not limited to, additions, removals, and modifications (hardware and software) of system equipment.

Administrative telephones, including, but not limited to, additions, removals, and modifications of:

Switch infrastructure (LTG's, DLU's, SN, CP113, HTI/TRI, Hipath Trunking & Line Configuration.)

Off Center Switched Trunk Interfaces (LEC/CLEC, FTS, PRI's).

SecureLogix Infrastructure and Permission Sets

Conference Infrastructure

Voice Mail Infrastructure

VoIP infrastructure

KIIS including, but not limited to, additions, removals, and modifications (hardware and software) of system equipment.

Data Center including, but not limited to, additions, removals, and modifications (hardware and software) of system equipment.

Software applications including, but not limited to, additions or removal of applications. Any modification that changes the functionality of programs, applications, and databases listed in Appendix 7 – Applications List.

Webcast Studio including, but not limited to, additions, removals, and modifications (hardware and software) of system equipment.



**Appendix 14**  
**Work Breakdown Structure**

**For**

**Information Management and  
Communication Support (IMCS)**

## **14.1 Work Breakdown Structure (WBS), Work and Financial Reporting**

### **14.1.1 Report Costs for Customer Organization**

The costs incurred under this contract should be organized in such a manner to allow the customer community to see their cost, down to the type of service, activity and task order level. The goal is to allow each customer to identify where their funds are being expended to meet their service needs. The expectation is that the customer community will use this data to understand their communications and technological utilization, understand what is driving their costs, and identify areas where they see a potential for improvement. The data will also be used by IT Management to understand the cost associated with operating, maintaining, sustaining, and responding to service requests for the various systems used in providing information services to the Kennedy Space Center.

Costs shall be segregated and reported by customer and WBS element to the second and third level of the WBS as stated below. This will allow system and service managers to address system wide costs that support the technical services across the contract by WBS element. Provisions shall be made to allow costs to be collected by government provided cost allocation as well as by special projects or activities that make use of standard contract services that are general in nature and may benefit multiple customers. In addition, a cost summary shall be provided that sums all costs to the second level by WBS Element.

Current customers include Shuttle, Constellation, Launch Services, Space Station, Life Sciences, Institutional, and Center Management and Operations (CMO). Further breakdown may be required for funding codes and customers which will be reflected in the work order report and in scheduled monthly reviews.

### **14.1.2 WBS and Cost Assignment**

The WBS is organized by service and work type activities. Work may take place for specific organization, mail code, service, function, or in a physical location. The type of work, mail code, and location (site, facility, room) are necessary to schedule/assign work, are a key component in cost assignment, and will be further defined in a joint managed Rule Set. Work descriptions in Maximo/Work Order Report must be well documented to further determine customer charging. Reporting includes the task information and the resources expended to perform or support the task.

Resource utilization will be assigned to a customer or customers based upon a combination of the work performed, customer mail code, the work location, and that location's related occupancy/responsibility. Project or mission support activities may carry a unique project code that supersedes other rules and may allow cost collection and reporting by project and WBS element. These project codes will be related to specific customer(s) and will provide the necessary cost sharing allocation information.

In addition, the monthly work order report will be provided as a supplemental report to the NF 533 Financial Report (DRD-MS-03), which will be broken out by customers and provide every work order associated with Direct and any General type of allocation of hours.

Task Order Services (CLIN 003) shall be presented in the NF 533 format in a separate volume. Each task shall have its own unique tab which provides all elements of cost for that particular effort.

## **14.2 WBS Structure Organization**

### **14.2.1 Level I - Major Support**

Top-level major support.

### **14.2.2 Level II - Services**

This will consist of the various Information Management Support Services within each Level I WBS.

### **14.2.3 Level III – Activity**

Every Level I/II WBS will contain the following standard Level III work elements.

#### .1 Operations/Maintenance

Support for day-to-day operations of WBS element. Includes the following: console manning, system monitoring, mission support, fulfilling PRD requirements, trouble tickets, validations, maintenance, preventive maintenance, outage management, return-to-service, maintenance agreements/licenses, service contracts, and training in support of current systems.

#### .2 Service Request

Support for all customer driven non-recurring requirements. May involve modifications, additional services, changes, new equipment, upgrades, minor and major moves, facility leases and equipment leases.

#### .3 Sustaining Engineering

Support for changes and modifications to systems to provide additional service capacity, add features to software to reduce operational risk, replace obsolete hardware and software, or consolidate services. Predominantly, this would be internally generated requirements, not associated with a request from a customer.

#### .4 Systems Engineering

Support for design and requirement analysis, system capacity analysis, design reviews, operations concept development, systems engineering planning documents, requirements gathering, project management and Systems Engineering and Integration, evaluation and testing of COTS software and hardware.

#### .5 Depot Repair

Support for all repairs to system and system components that are performed at an on-site repair facility.

### **14.3 IMCS Level I and Level II WBS Structure**

#### **WBS 1.0 Management Support**

- 1.1 Phase-In/Phase-Out (Since phase-in occurs prior to contract start, this WBS only pertains to phase-out activities at the end of the period of performance.)
- 1.2 Financial Management
- 1.3 Contract Management
- 1.4 Technical Performance Management
- 1.5 IT Security Compliance
- 1.6 Security Management
- 1.7 Mission Assurance
- 1.8 Training
- 1.9 Logistics
  - 1.9.1 Property/Inventory Management
  - 1.9.2 Shipping/Receiving/Inspection Services
  - 1.9.3 Material Service Center Services
  - 1.9.4 Vehicle Management

#### **WBS 2.0 Safety and Health**

- 2.1 Safety Compliance
- 2.2 Occupational Safety
- 2.3 Operations Safety
- 2.4 Environmental Management

#### **WBS 3.0 Technical Services**

- 3.1 Computer Services
- 3.2 Cable Plant Services

- 3.3 Transmission Services
- 3.4 Networks, Telephones, and Network Security Perimeter
  - 3.4.3 Telephone Services
- 3.5 Imaging Services
  - 3.5.1 Surveillance Television
  - 3.5.2 Media Production and Distribution
  - 3.5.3 Spacecraft Processing, Launch, and Landing Imaging
  - 3.5.4 Non-Engineering Imaging
- 3.6 Graphics Services
- 3.7 Audio/Visual (A/V) and Presentation Support Services
- 3.8 Timing Services
- 3.9 Voice Communications
- 3.10 Electromagnetic Measurement and Analysis Services
- 3.11 Publications Services
- 3.12 Printing, Reproduction, and Microimaging Services
- 3.13 Engineering Data Center
- 3.14 Library Services
- 3.15 Maximo Application Support Services
- 3.16 Forms Services
- 3.17 IT Security Services
- 3.18 Center-Managed Outreach Services

**WBS 04 IDIQ Task Order Services (CLIN 002)**

## 14.4 WBS Examples

Some Examples of Work are as follows:

**Example 1:** Replace a broken Paging and Area Warning speaker at the SSPF.

The WBS element would be:

WBS 03.9.1.1 Voice Communication; Paging and Area Warning System Services; Operations/Maintenance

This effort would be an Operations/Maintenance effort. Location Code would be SSPF (or facility number) and the room number. Based upon this data, the customers associated with the SSPF (either entire facility or that room) would be assigned the associated cost. The Customer would see their cost and have visibility to the nature of the cost both in their volume of the 533 at that WBS and in the Monthly Work Order Report.

**Example 2:** Provide XA (External Relations) launch photo support.

WBS 3.5.4.3 Imaging Services; Non-Engineering Imaging; Service Request

The request is driven by a Customer Service Request. The XA project code and the work activity effort would be used to identify and collect costs associated with the activity. This particular cost would be charged to the "CMO Customer" and be reflected in their volume of the 533 as well as the Monthly Work Order Report.

**Example 3:** Perform major network upgrade to SSPF/2<sup>nd</sup> Floor (Task Order #5 to CLIN 002):

WBS 4.0 – TO-005 (IDIQ – Task Order #5)

This is a Task Order under CLIN 002 that will be reported in a separate volume of the NF 533. This Task Order #5 will be reported under separate tab and will be separately funded.

**Example 4:** Replace a 24-port network switch with a 48-port network switch in SSPF because the 24-port switch is nearing full capacity.

The WBS element would be:

WBS 3.4.1.3 Networks, Telephone, and Network Security Perimeter; Network Services; Sustaining Engineering

This effort would be a Sustaining Engineering effort because the work is associated with preemptively increasing service capacity. Location Code would be SSPF (or facility

number) and the room number. Based upon this data, the customers associated with the SSPF (either entire facility or that room) would be assigned the associated cost. The Customer would see their cost and have visibility to the nature of the cost both in their volume of the 533, and in the Monthly Work Order Report.

**Example 5:** The Constellation program requires the creation of a system requirements document for all communication systems that will be needed on the new Mobile Launcher (ML).

There would be several WBS elements associated with this effort:

WBS 3.2.x.4

WBS 3.3.x.4

WBS 3.4.x.4

WBS 3.5.1.4

WBS 3.5.3.4

WBS 3.8.x.4

WBS 3.9.x.4

This effort would be a Systems Engineering effort because the work is associated with creating engineering planning documents. The customer associated with this work is the Constellation Program. The Customer would see their cost and have visibility to the nature of the cost both in their volume of the 533, and in the Monthly Work Order Report.

**Example 6:** The PRD calls for various transmission assets to be up to support a Shuttle launch. The transmission planner needs to create Support Documents (SD) for the technicians to follow.

The WBS element would be:

WBS 3.3.x.1 Transmission Services; Operations / Maintenance

This effort would be an Operations / Maintenance effort. Based upon this data, the customers associated with this request would be the Shuttle Program, and would be assigned the associated cost. The Customer would see their cost and have visibility to the nature of the cost both in their volume of the 533, and in the Monthly Work Order Report.

**Example 7:** Repair a broken OIS-D End Instrument (EI) that was removed from Pad A.



The WBS element would be:

WBS 03.9.3.5 Voice Communication; Operational Intercommunications System;  
Depot Repair

This effort would be a Depot Repair effort. Location Code would be Pad A (or facility number). Based upon this data, the customers associated with the Pad A would be assigned the associated cost. The Customer would see their cost and have visibility to the nature of the cost both in their volume of the 533 at that WBS and in the Monthly Work Order Report.