

S1. GENERAL INFORMATION Complete for all satellite applications.

a. Space Station or Satellite Network Name: INTELSAT 10		e. Estimated Date of Placement into Service:		i. Will the space station(s) operate on a Common Carrier Basis: N	
b. Construction Commencement Date:		f. Estimated Lifetime of Satellite(s): Years		j. Number of transponders offered on a common carrier basis:	
c. Construction Completion Date:		g. Total Number of Transponders: 48		k. Total Common Carrier Transponder Bandwidth: MHz	
d1. Est Launch Date Begin:	d2. Est Launch Date End:	h. Total Transponder Bandwidth (no. transponders x Bandwidth) 1728 MHz		i. Orbit Type: Mark all boxes that apply: <input checked="" type="checkbox"/> GSO <input type="checkbox"/> NGSO	

S2. OPERATING FREQUENCY BANDS Identify the frequency range and transmit/receive mode for all frequency bands in which this station will oper
Also indicate the nature of service(s) for each frequency band.

Frequency Band Limits				e. T/R Mode	f. Nature of Service(s): List all that apply to this band
Lower Frequency (.Hz)		Upper Frequency (.Hz)			
a. Numeric	b. Unit (K/M/G)	c. Numeric	d. Unit (K/M/G)		
5925	M	6425	M	R	Fixed Satellite Service
3700	M	4200	M	T	Fixed Satellite Service
14000	M	14500	M	R	Fixed Satellite Service
11450	M	11700	M	T	Fixed Satellite Service
12250	M	12500	M	T	Fixed Satellite Service
12500	M	12750	M	T	Fixed Satellite Service

S3. ORBITAL INFORMATION FOR GEOSTATIONARY SATELLITES ONLY:

a. Nominal Orbital Longitude (Degrees E/W): 47.5 E		b. Alternate Orbital Longitude (Degrees E/W):		c. Reason for orbital location selection: Replace the Intelsat 709 spacecraft and to provide service to Africa, Asia, and Europe.	
Longitudinal Tolerance or E/W Station-Keeping:		f. Inclination Excursion or N/S Station-Keeping Tolerance:	Range of orbital are in which adequate service can be provided (Optional):		
d. Toward West: 0.05 Degrees	e. Toward East: 0.05 Degrees		g. Westernmost: _____ Degrees _____ E/W _____ h. Easternmost: _____		
i. Reason for service are selection (Optional):					

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S4. ORBITAL INFORMATION FOR NON-GEOSTATIONARY SATELLITES ONLY

S4a. Total Number of Satellites in Network or System:

S4c. Celestial Reference Body (Earth, Sun, Moon, etc.):

S4b. Total Number of Orbital Planes in Network or System:

S4d. Orbit Epoch Date:

For each Orbital Plane Provide:

(e) Orbital Plane No.	(f) No. of Satellites in Plane	(g) Inclination Angle (degrees)	(h) Orbital Period (Seconds)	(i) Apogee (km)	(j) Perigee (km)	(k) Right Ascension of the Ascending Node (Deg.)	(l) Argument of Perigee (Degrees)	Active Service Arc Range (Degrees)		
								(m) Begin Angle	(n) End Angle	(o) Other

S5. INITIAL SATELLITE PHASE ANGLE For each satellite in each orbital plane, provide the intital phase angle.

(a) Orbital Plane No.	(b) Satellite Number	(c) Initial Phase Angle (Degrees)

NO NGSO DATA FILED

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S6. SERVICE AREA CHARACTERISTICS for each service area provide:

(a) Service Area ID	(b) Type of Associated Station (Earth or Space)	(c) Service Area Diagram File Name (GXT File)	(d) Service Area Description. Provide list of geographic areas (state postal codes or ITU 3-ltr codes), satellites or Figure No. of Service Area Diagram.
1	S		Global
2	S		Asia
3	S		Europe and Africa
4	S		Europe and Middle East
5	S		Europe and Asia

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S7. SPACE STATION ANTENNA BEAM CHARACTERISTICS For each antenna beam provide:

(a) Beam ID	(b) T/R Mode	(c) Isotropic Antenna Gain		(e) Pointing Error (Degrees)	(f) Rotational Error (Degrees)	(g) Min. Cross- Polar Iso- lation (dB)	(h) Polar- ization Switch- able? (Y/N)	(i) Polarization Alignment Rel. Equatorial Plane (Degrees)	(j) Service Area ID	Transmit			Receive					
		(c) Peak (dBi)	(d) Edge (dBi)							(k) Input Losses (dB)	(l) Effective Output Power (W)	(m) Max. EIRP (dBW)	(n) System Noise Temp (k)	(o) G/T Max. Gain Pt. (db/K)	(p) Min. Saturation Flux Density (dBW/m2)	Input Attenuator (dB)		
																(q) Max. Value	(r) Step Size	
GHC	T	26.4	20.4					90	1			41.4						
GVC	T	26.8	20.8					0	1			41.8						
AVK	T	32.2	26.2					0	2			49						
EHK	T	29.5	23.5					90	3			47.4						
EVK	T	30.2	24.2					0	3			47.6						
EMK	T	32.6	26.6					0	4			49.3						
ESK	T	32.1	26.1					90	5			49.1						
INKD	T	35.1	29.1					90	2			52						
TGK	T	23	20.6					90	1			6.4						
TPKD	T	-1.1	-3.5						1			2.1						
UVK	T	18.4	16					0	1			11.3						
UHK	T	18.4	16					90	1			11.2						
GHC	R	28.2	22.2					90	1				0.4	-104.4		25		1
GVC	R	27.7	21.7					0	1				-0.4	-103.6		25		1
AVK	R	32.9	26.9					0	2				4.4	-99.4		25		1
EHK	R	30.4	24.4					90	3				2.1	-97.1		25		1
EVK	R	29.8	23.8					0	3				2.3	-97.3		25		1
EMK	R	33.6	27.6					0	4				4.8	-99.8		25		1
ESK	R	34.7	28.7					90	5				6.4	-101.4		25		1
TGK	R	23.7	21.3					90	1					-11.8	-105.1			
TPKU	R	-1.2	-3.6					90	1					-32.8	-84.4			
TBKD	T	-5.3	-6.4						1			1.4						
TBKU	R	-0.5	-1.6					90	1					-31.9	-85			

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S8. ANTENNA BEAM DIAGRAMS For each beam pattern provide the reference to the graphic image and numerical data:
Also provide the power flux density levels in each beam that result from the emission with the highest power flux density.

(a) Beam ID	(b) T/R Mode	(c) Co-or Cross Polar Mode ("C" or" X")	(d) GSO Ref. Orbital Longitude (Deg. E/W)	(e) NGSO Antenna Gain Contour Description (Figure/Table/ Exhibit)	(f) GSO Antenna Gain Contour Data (GXT File)	Max. Power Flux Density (dBW/M2/Hz)				
						At Angle of Arrival above horizontal (for emission with highest PFD)				
						(g) 5 Deg	(h) 10 Deg	(i) 15 Deg	(j) 20 Deg	(k) 25 Deg
GHC	T	C	47.5		ghcd.gxt	-158.8	-158.7	-158.6	-158.5	-158.4
GVC	T	C	47.5		gvcd.gxt	-158.4	-158.3	-158.2	-158.1	-158
AVK	T	C	47.5		avkd.gxt	-152.5	-152.4	-152.3	-152.1	-152
EHK	T	C	47.5		ehkd.gxt	-154.1	-154	-153.9	-153.7	-153.6
EVK	T	C	47.5		evkd.gxt	-153.9	-153.8	-153.7	-153.5	-153.4
EMK	T	C	47.5		emkd.gxt	-152.2	-152.1	-152	-151.8	-151.7
ESK	T	C	47.5		eskd.gxt	-152.4	-152.3	-152.2	-152	-151.9
INKD	T	C	47.5		inkd.gxt	-149.5	-149.4	-149.3	-149.1	-149
TGK	T	C	47.5		TGKD.gxt	-171.6	-171.5	-171.4	-171.3	-171.2
TPKD	T	C	47.5		tpkd.gxt	-175.9	-175.8	-175.7	-175.6	-175.5
UVK	T	C	47.5		uvkd.gxt	-159.9	-159.8	-159.7	-159.6	-159.5
UHK	T	C	47.5		uhkd.gxt	-160	-159.9	-159.8	-159.7	-159.6
GHC	R	C	47.5		ghcu.gxt					
GVC	R	C	47.5		gvcu.gxt					
AVK	R	C	47.5		avku.gxt					
EHK	R	C	47.5		ehku.gxt					
EVK	R	C	47.5		evku.gxt					
EMK	R	C	47.5		emku.gxt					
ESK	R	C	47.5		esku.gxt					
TGK	R	C	47.5		TGKU.gxt					
TPKU	R	C	47.5		tpku.gxt					
TBKD	T	C	47.5		tbkd.gxt	-176.6	-176.5	-176.4	-176.3	-176.2
TBKU	R	C	47.5		tbku.gxt					

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S9. SPACE STATION CHANNELS For each frequency channel provide: S10. SPACE STATION TRANSPONDERS For each transponder provide:

(a) Channel No.	(B) Assigned Bandwidth (kHz)	(c) T/R Mode	(d) Center Frequency (MHz)	(e) Polarization (H, V, L, R)	(f) TTC or Comm Channel (T or C)
ES5KD	36000	T	11637	H	C
ES6KD	36000	T	11677	H	C
ES1KU	36000	R	14020	H	C
ES2KU	36000	R	14060	H	C
ES3KU	36000	R	14100	H	C
ES4KU	36000	R	14140	H	C
ES5KU	36000	R	14180	H	C
ES6KU	36000	R	14220	H	C
M7KU	36000	R	14020	V	C
M8KU	36000	R	14060	V	C
M9KU	36000	R	14100	V	C
M10KU	36000	R	14140	V	C
M11KU	36000	R	14180	V	C
M12KU	36000	R	14220	V	C
M7KD	36000	T	11477	V	C
M8KD	36000	T	11517	V	C
M9KD	36000	T	11557	V	C
M10KD	36000	T	11597	V	C
M11KD	36000	T	11637	V	C
M12KD	36000	T	11677	V	C
I28KD	36000	T	12392	H	C
I29KD	36000	T	12432	H	C
I30KD	36000	T	12472	H	C
M13KU	36000	R	14270	V	C
M14KU	36000	R	14310	V	C
M15KU	36000	R	14350	V	C
M16KU	36000	R	14390	V	C
M17KU	36000	R	14430	V	C
F13KD	36000	T	12522	H	C
F14KD	36000	T	12562	H	C

(a) Transponder ID	(b) Transponder Gain (dB)	Receive Band		Transmit Band	
		(c) Channel No.	(d) Beam ID	(e) Channel No.	(f) Beam ID
MF16K	121.4	M16KU	EMKU	F16KD	EHKD
MF17K	121.4	M17KU	EMKU	F17KD	EHKD
MF18K	121.4	M18KU	EMKU	F18KD	EHKD
M113K	120.4	M13KU	EMKU	I13KD	INKD
M114K	120.4	M14KU	EMKU	I14KD	INKD
MA21K	120.3	M15KU	EMKU	A21KD	AVKD
MA22K	120.3	M16KU	EMKU	A22KD	AVKD
MA23K	120.3	M17KU	EMKU	A23KD	AVKD
MA24K	120.3	M18KU	EMKU	A24KD	AVKD
EF13K	122.7	F13KU	EVKU	F13KD	EHKD
EF14K	122.7	F14KU	EVKU	F14KD	EHKD
EF15K	122.7	F15KU	EVKU	F15KD	EHKD
EF16K	122.7	F16KU	EVKU	F16KD	EHKD
EF17K	122.7	F17KU	EVKU	F17KD	EHKD
EF18K	122.7	F18KU	EVKU	F18KD	EHKD
EF19K	121.4	F19KU	EHKU	F19KD	EVKD
EF20K	121.4	F20KU	EHKU	F20KD	EVKD
EF21K	121.4	F21KU	EHKU	F21KD	EVKD
EF22K	121.4	F22KU	EHKU	F22KD	EVKD
EF23K	121.4	F23KU	EHKU	F23KD	EVKD
EF24K	121.4	F24KU	EHKU	F24KD	EVKD
FI13K	121.7	F13KU	EVKU	I13KD	INKD
FI14K	121.7	F14KU	EVKU	I14KD	INKD
FA21K	121.6	F15KU	EVKU	A21KD	AVKD
FA22K	121.6	F16KU	EVKU	A22KD	AVKD
FA23K	121.6	F17KU	EVKU	A23KD	AVKD
FA24K	121.6	F18KU	EVKU	A24KD	AVKD
AS1K	120.8	A7KU	AVKU	ES1KD	ESKD
AS2K	120.8	A8KU	AVKU	ES2KD	ESKD
AS3K	120.8	A9KU	AVKU	ES3KD	ESKD

F15KD	36000	T	12602	H	C
F16KD	36000	T	12642	H	C
F17KD	36000	T	12682	H	C
F18KD	36000	T	12722	H	C
M18KU	36000	R	14470	V	C
I14KD	36000	T	12562	H	C
A21KD	36000	T	12602	V	C
A22KD	36000	T	12642	V	C
A23KD	36000	T	12682	V	C
A24KD	36000	T	12722	V	C
I13KD	36000	T	12522	H	C
F13KU	36000	R	14270	V	C
F14KU	36000	R	14310	V	C
F15KU	36000	R	14350	V	C
F16KU	36000	R	14390	V	C
F17KU	36000	R	14430	V	C
F18KU	36000	R	14470	V	C
F19KU	36000	R	14270	H	C
F20KU	36000	R	14310	H	C
F21KU	36000	R	14350	H	C
F22KU	36000	R	14390	H	C
G1CU	54000	R	5955	H	C
G2CU	54000	R	6015	H	C
G3CU	54000	R	6075	H	C
G4CU	54000	R	6143	H	C
G5CU	27000	R	6199	H	C
G6CU	27000	R	6229	H	C
G7CU	27000	R	6259	H	C
G8CU	27000	R	6289	H	C
G9CU	27000	R	6319	H	C
G10CU	27000	R	6349	H	C
G11CU	27000	R	6379	H	C
G12CU	27000	R	6409	H	C
G13CU	54000	R	5955	V	C
G14CU	54000	R	6015	V	C
G15CU	54000	R	6075	V	C
G16CU	54000	R	6143	V	C
G17CU	27000	R	6199	V	C
G18CU	27000	R	6229	V	C

A125K	120.7	A7KU	AVKU	I25KD	INKD
A126K	120.7	A8KU	AVKU	I26KD	INKD
A127K	120.7	A9KU	AVKU	I27KD	INKD
AM10K	120.5	A10KU	AVKU	M10KD	EMKD
AM11K	120.5	A11KU	AVKU	M11KD	EMKD
AM12K	120.5	A12KU	AVKU	M12KD	EMKD
A113K	120.7	A13KU	AVKU	I13KD	INKD
A114K	120.7	A14KU	AVKU	I14KD	INKD
A21K	120.6	A15KU	AVKU	A21KD	AVKD
A22K	120.6	A16KU	AVKU	A22KD	AVKD
A23K	120.6	A17KU	AVKU	A23KD	AVKD
A24K	120.6	A18KU	AVKU	A24KD	AVKD
AF15K	121.7	A15KU	AVKU	F15KD	EHKD
AF16K	121.7	A16KU	AVKU	F16KD	EHKD
AF17K	121.7	A17KU	AVKU	F17KD	EHKD
AF18K	121.7	A18KU	AVKU	F18KD	EHKD
G1C	128.5	G1CU	GHCU	G1CD	GHCD
G2C	128.5	G2CU	GHCU	G2CD	GHCD
G3C	128.5	G3CU	GHCU	G3CD	GHCD
G4C	128.5	G4CU	GHCU	G4CD	GHCD
G5C	128.5	G5CU	GHCU	G5CD	GHCD
G6C	128.5	G6CU	GHCU	G6CD	GHCD
G7C	128.5	G7CU	GHCU	G7CD	GHCD
G8C	128.5	G8CU	GHCU	G8CD	GHCD
G9C	128.5	G9CU	GHCU	G9CD	GHCD
G10C	128.5	G10CU	GHCU	G10CD	GHCD
G11C	128.5	G11CU	GHCU	G11CD	GHCD
G12C	128.5	G12CU	GHCU	G12CD	GHCD
G13C	128.2	G13CU	GVCU	G13CD	GVCD
G14C	128.2	G14CU	GVCU	G14CD	GVCD
G15C	128.2	G15CU	GVCU	G15CD	GVCD
G16C	128.2	G16CU	GVCU	G16CD	GVCD
G17C	128.2	G17CU	GVCU	G17CD	GVCD
G18C	128.2	G18CU	GVCU	G18CD	GVCD
G19C	128.2	G19CU	GVCU	G19CD	GVCD
G20C	128.2	G20CU	GVCU	G20CD	GVCD
G21C	128.2	G21CU	GVCU	G21CD	GVCD
G22C	128.2	G22CU	GVCU	G22CD	GVCD
G23C	128.2	G23CU	GVCU	G23CD	GVCD

G19CU	27000	R	6259	V	C
G20CU	27000	R	6289	V	C
G21CU	27000	R	6319	V	C
G22CU	27000	R	6349	V	C
G23CU	27000	R	6379	V	C
G24CU	27000	R	6409	V	C
G1CD	54000	T	3730	H	C
G2CD	54000	T	3790	H	C
G3CD	54000	T	3850	H	C
G4CD	54000	T	3918	H	C
G5CD	27000	T	3974	H	C
G6CD	27000	T	4004	H	C
G7CD	27000	T	4034	H	C
G8CD	27000	T	4064	H	C
G9CD	27000	T	4094	H	C
G10CD	27000	T	4124	H	C
G11CD	27000	T	4154	H	C
G12CD	27000	T	4184	H	C
G13CD	54000	T	3730	V	C
G14CD	54000	T	3790	V	C
G15CD	54000	T	3850	V	C
G16CD	54000	T	3918	V	C
G17CD	27000	T	3974	V	C
G18CD	27000	T	4004	V	C
G19CD	27000	T	4034	V	C
G20CD	27000	T	4064	V	C
G21CD	27000	T	4094	V	C
G22CD	27000	T	4124	V	C
G23CD	27000	T	4154	V	C
G24CD	27000	T	4184	V	C
ES1KD	36000	T	11477	H	C
ES2KD	36000	T	11517	H	C
ES3KD	36000	T	11557	H	C
ES4KD	36000	T	11597	H	C
F23KU	36000	R	14430	H	C
F24KU	36000	R	14470	H	C
F19KD	36000	T	12522	V	C
F20KD	36000	T	12562	V	C
F21KD	36000	T	12602	V	C

G24C	128.2	G24CU	GVCU	G24CD	GVCD
ES1K	121	ES1KU	ESKU	ES1KD	ESKD
ES2K	121	ES2KU	ESKU	ES2KD	ESKD
ES3K	121	ES3KU	ESKU	ES3KD	ESKD
ES4K	121	ES4KU	ESKU	ES4KD	ESKD
ES5K	121	ES5KU	ESKU	ES5KD	ESKD
ES6K	121	ES6KU	ESKU	ES6KD	ESKD
EM7K	120.2	M7KU	EMKU	M7KD	EMKD
EM8K	120.2	M8KU	EMKU	M8KD	EMKD
EM9K	120.2	M9KU	EMKU	M9KD	EMKD
EM10K	120.2	M10KU	EMKU	M10KD	EMKD
EM11K	120.2	M11KU	EMKU	M11KD	EMKD
EM12K	120.2	M12KU	EMKU	M12KD	EMKD
Mi28K	120.4	M10KU	EMKU	I28KD	INKD
Mi29K	120.4	M11KU	EMKU	I29KD	INKD
Mi30K	120.4	M12KU	EMKU	I30KD	INKD
MF13K	121.4	M13KU	EMKU	F13KD	EHKD
MF14K	121.4	M14KU	EMKU	F14KD	EHKD
MF15K	121.4	M15KU	EMKU	F15KD	EHKD

F22KD	36000	T	12642	V	C
F23KD	36000	T	12682	V	C
F24KD	36000	T	12722	V	C
A7KU	36000	R	14020	V	C
A8KU	36000	R	14060	V	C
A9KU	36000	R	14100	V	C
A10KU	36000	R	14140	V	C
A11KU	36000	R	14180	V	C
A12KU	36000	R	14220	V	C
I25KD	36000	T	12272	H	C
I26KD	36000	T	12312	H	C
I27KD	36000	T	12352	H	C
A13KU	36000	R	14270	V	C
A14KU	36000	R	14310	V	C
A15KU	36000	R	14350	V	C
A16KU	36000	R	14390	V	C
A17KU	36000	R	14430	V	C
A18KU	36000	R	14470	V	C
CMD	1000	R	14499.5	H	T
CMDP	1000	R	14000.5	R	T
CMDB	1000	R	14499.5	H	T
TM1	120	T	12747.5	H	T
TM2	120	T	12748.5	H	T
TM1P	120	T	12747.5	R	T
TM2P	120	T	12748.5	R	T
TM1B	120	T	12747.5	H	T
TM2B	120	T	12748.5	H	T
ULPC1	25	T	11699	V	T
ULPC2	25	T	11699	V	T
ULPC3	25	T	12749.5	H	T
ULPC4	25	T	12749.5	H	T

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S11. DIGITAL MODULATION PARAMETERS For each digital emission provide:

(a) Digital Mod. ID	(b) Emission Designator	(c) Assigned Bandwidth (kHz)	(d) No. of Phases	(e) Uncoded Data Rate (kbps)	(f) FEC Error Correction Coding Rate	(g) CDMA Processing Gain (dB)	(h) Total C/N Performance Objective (dB)	(i) Single Entry C/I Objective (dB)
D1	54MG07W	39997	4	36860	0.5		3.36	8.4
D2	36M0G7W	30133	4	24575	0.5		3.36	16
D4	1M45G7W	1229	2	512	0.5		3.4	14.8
D5	400KG7W	302	4	256	0.5		3.4	15.6
D6	200KG7W	154	2	64	0.5		3.4	15.5
D3	3M07G7W	2413	4	2048	0.5		2.99	15.7

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S12. ANALOG MODULATION PARAMETERS For each analog emission provide:

(a) Analog Mod. ID	(b) Emission Designator	(c) Assigned Bandwidth (kHz)	(d) Signal Type	(e) Channels per Carrier	Multi-channel Telephony				(j) Video Standard NTSC, PAL, etc.	(k) Video Noise- Weighting (dB)	(l) Video and SCPC/FM Modulation Index	(m) SCPC/FM Compander, Preemphasis, and Noise Weighting (dB)	(n) Total C/N Performance Objective (dB)	(o) Single Entry C/I Objective (dB)
					(f) Ave. Companded Talker Level (dBm0)	(g) Bottom Baseband Freq. (MHz)	(h) Top Baseband Freq. (MHz)	(i) RMS Modulation Index						
A1	36M0F3W	36000	TV/FM	1					PAL	15.6	1.5		10	22.2

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S13. TYPICAL EMISSIONS For each planned type of emission provide:

Associated Transponder ID Range (a) Start (b) End		Modulation ID		(e) Carriers per Transponder	(f) Carrier Spacing (kHz)	(g) Noise Budget Reference (Table No.)	(h) Energy Dispersal Bandwidth (kHz)	Receive Band (Assoc. Transmit Stn)			Transmit Band (This Space Station)			
		(c) Digital (Table S11)	(d) Analog (Table S12)					(i) Assoc. Stn. Max. Antenna Gain (dBi)	Assoc. Station Transmit Power (dBW) (j) Min. (k) Max.		EIRP (dBW) (l) Min. (m) Max.		(n) Max. Power Flux Density (dBW/m ² /Hz)	(o) Assoc. Stn Rec. G/T (dB/K)
G1C	AF18K	D4		24	1450	IS-10 Ku-Band		46.4	3.1	9.1	23.4	29.4	-157.6	33.1
G1C	AF18K	D6		180	200	IS-10 Ku-Band		46.4	-5	1	15.3	21.3	-156.7	31
G1C	AF18K	D3		17	3075	IS-10 C-Band Li		43.2	12.5	18.5	19.6	25.6	-164.3	28.4
G1C	AF18K	D3		11	3075	IS-10 Ku-Band		46.4	7.2	13.2	27.5	33.5	-156.4	31
G1C	AF18K	D2		1	36000	IS-10 Ku-Band		52.7	12.8	18.8	41.4	47.4	-153.5	26.7
G1C	AF18K	D5		135	400	IS-10 C-Band Li		43.2	3.5	9.5	10.6	16.6	-164.3	28.4
G1C	AF18K	D5		90	400	IS-10 Ku-Band		46.4	-1.9	4.1	18.4	24.4	-156.5	31
G1C	AF18K	D1		1	54000	IS-10 C-Band Li		58.4	9.1	15.1	35.4	41.4	-160.7	28.4
G1C	AF18K		A1	1	36000	IS-10 C-Band Li	4000	58.4	16.1	22.1	35.4	41.4	-150.7	33
G1C	AF18K		A1	1	36000	IS-10 Ku-Band	4000	52.7	19.8	25.8	41.4	47.4	-144.7	34.6

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S14. Is the space station(s) controlled and monitored remotely? If Yes, provide the location and telephone number of the TT and C control point(s): Yes

Remote Control (TT C) Location(s):

S14a: Street Address: 3400 INTERNATIONAL DRIVE, N.W.			
S14b. City: WASHINGTON	S14c. County:	S14d. State/Country DC	S14e. Zip Code: 20008
S14f. Telephone Number: 202-944-7701		S14g. Call Sign of Control Station (if appropriate):	

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S15. SPACECRAFT PHYSICAL CHARACTERISTICS:

S16. SPACECRAFT ELECTRICAL CHARACTERISTICS:

S17. CERTIFICATIONS:

a. Are the power flux density limits of § 25.208 met?:	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
b. Are the appropriate service area coverage requirements of § 25.143(b)(ii) and (iii), or § 25.145(c)(1) and (2) met?	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	N/A
c. Are the frequency tolerances of § 25.202(e) and the out-of-band emission limits of § 25.202(f)(1), (2) and (3) met?	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
In addition to the information required in this Form, the space station applicant is required to provide all the information specified in Section 25.114 of the Commission's rules, 47 C.F.R § 25.114.						