FCC 312 Schedule S	FEDERAL COMMUNICATIONS COMMISSION SATELLITE SPACE STATION AUTHORIZATIONS (Technical and Operational Description)	Page 1: General, Frequency Bands, and GSO Orbit

S1. GENERAL INFORMATION Complete for all satellite applications.

a. Space Station or Satellite Network Name: INTELSAT 702		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: 42	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) 2408 MHz	l. Orbit Type: Mark all boxes that apply: [X] GSO [ ] 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
10950	M	11200	M	T	Fixed Satellite Service
11450	M	11700	M	T	Fixed Satellite Service
11700	M	11950	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): 66 E	b. Alternate Orbital Longitude (Degrees E/W):		c. Reason for orbital location selection: SPACECRAFT WILL REPLACE INTELSAT 704
Longitudinal Tolerance or E/W Station-Keeping: d. Toward West: 0.05 Degrees e. Toward East: 0.05 Degrees	f. Inclination Excursion or N/S Station-Keeping Tolerance: 0.05 Degrees	Range of orbital are in which adequate service can be provided (Optional): Degrees E/W g. Westernmost: 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:

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

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

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		VISIBLE EARTH
2	S		EUROPE, AFRICA, MIDDLE EAST, WESTERN ASIA
3	S		ASIA, AUSTRALIA
4	S		ASIA
5	S		SOUTHERN AFRICA
6	S		SOUTHEAST ASIA, INDONESIA, AUSTRALIA
7	S		EUROPE, AFRICA, MIDDLE EAST, WESTERNA ASIA, SOUTHEAST ASIA, INDONESIA, AUSTRALIA
8	S		SOUTHERN AFRICA, ASIA

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

(a) Beam ID	(b) T/R Mode	Isotropic Antenna Gain		(e) Pointing Error (Degrees)	(f) Rotational Error (Degrees)	(g) Min. Cross-Polar Isolation (dB)	(h) Polarization Switchable? (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 Noice 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
GAU	R	20.3	16.3				N		1					-7	-93.3	14	1
GBU	R	20.3	16.3				N		1					-7	-93.2	14	1
WHU	R	25.9	19.9				N		2					-1.5	-91.8	14	1
EHU	R	23.2	17.2				N		3					-3.5	-91.4	14	1
NWU	R	26.8	22.8				N		2					-0.5	-92.9	14	1
NEU	R	27.9	23.9				N		4					1	-90.3	14	1
SWU	R	27.9	23.9				N		5					0.5	-90.2	14	1
SEUL	R	25.6	21.6				N		6					-1.5	-92.4	14	1
X1UL	R	22.7	18.7				N		7					-5	-91.1	14	1
X2UL	R	24.3	20.3				N		8					-3	-88.8	14	1
CAU	R	30.3	26.3				N		1					3	-95.8	14	1
CBU	R	30.3	26.3				N		1					3	-96.3	14	1
S1UL	R	36.9	32.9				N	0	1					9.5	-92.6	14	1
S2UL	R	34.8	30.8				N	90	1					7	-92.8	14	1
S2AU	R	32.9	28.9				N	90	1					5	-92.9	14	1
S3UL	R	37.6	33.6				N	0	1					10	-93.2	14	1
GAD	T	20.5	16.5				N		1			29.5					
GBD	T	20.5	16.5				N		1			30.5					
WHD	T	27.2	21.2				N		2			38					
EHD	T	24.5	18.5				N		3			37.5					
NWD	T	28.7	24.7				N		2			38					
NED	T	28.6	24.6				N		4			36.5					
SWD	T	30.8	26.8				N		5			38.5					
SEDL	T	26.9	22.9				N		6			36.5					
CAD	T	27.5	23.5				N		1			36.3					
CBD	T	27.5	23.5				N		1			36.8					
S1DL	T	36.2	32.2				N	90	1			48.9					
S2DL	T	34.5	30.5				N	0	1			49.1					
S2AD	T	32.7	28.7				N	0	1			47.2					

S3DL	T	36.6	32.6				N	90	1			49					
CMD	R	8.3	5.7				N		1					-28.5	-107.4		
TLM	T	16.5	13.9				N		1			8.2					
TLM	T	-5.3	-6.3				N		1			0.7					
BNC	T	10.7	8.1				N	90	1			11.7					
BNK1	T	16.7	14.1				N		1			8					
BNK2	T	36.2	26.2				N	90	1			11.7					
BNK3	T	34.5	24.5				N	0	1			10.3					
BNK4	T	32.7	22.7				N	0	1			8.5					
BNK5	T	36.6	26.6				N	90	1			12.3					

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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
GAU	R	C	66		gaul.gxt					
GBU	R	C	66		gbul.gxt					
WHU	R	C	66		whul.gxt					
EHU	R	C	66		ehul.gxt					
NWU	R	C	66		nwul.gxt					
NEU	R	C	66		neul.gxt					
SWU	R	C	66		swul.gxt					
SEUL	R	C	66		seul.gxt					
X1UL	R	C	66		x1ul.gxt					
X2UL	R	C	66		x2ul.gxt					
CAU	R	C	66		caul.gxt					
CBU	R	C	66		cbul.gxt					
S1UL	R	C	66		s1ul.gxt					
S2UL	R	C	66		s2ul.gxt					
S2AU	R	C	66		s2au.gxt					
S3UL	R	C	66		s3ul.gxt					
GAD	T	C	66		gadl.gxt	-163.8	-163.7	-163.5	-163.4	-163.3
GBD	T	C	66		gbdl.gxt	-162.8	-162.7	-162.5	-162.4	-162.3
WHD	T	C	66		whdl.gxt	-155.3	-155.2	-155	-154.9	-154.8
EHD	T	C	66		ehdl.gxt	-155.8	-155.7	-155.5	-155.4	-155.3
NWD	T	C	66		nwdl.gxt	-155.3	-155.2	-155	-154.9	-154.8
NED	T	C	66		nedl.gxt	-156.8	-156.7	-156.5	-156.4	-156.3
SWD	T	C	66		swdl.gxt	-154.8	-154.7	-154.5	-154.4	-154.3
SEDL	T	C	66		sedl.gxt	-156.8	-156.7	-156.5	-156.4	-156.3
CAD	T	C	66		cadl.gxt	-157	-156.9	-156.7	-156.6	-156.5
CBD	T	C	66		cbdl.gxt	-156.5	-156.4	-156.2	-156.1	-156
S1DL	T	C	66		s1dl.gxt	-150	-147.5	-145	-144	-143.9
S2DL	T	C	66		s2dl.gxt	-150	-147.5	-145	-143.8	-143.7

S2AD	T	C	66		s2ad.gxt	-150	-147.5	-145.8	-145.7	-145.6
S3DL	T	C	66		s3dl.gxt	-150	-147.5	-145	-143.9	-143.8
TLM	T	C	66		tlmo.gxt	-173	-172.9	-172.8	-172.7	-172.6
TLM	T	C	66		tlmb.gxt	-180.5	-180.4	-180.3	-180.2	-180.1
BNC	T	C	66		bnc.gxt	-159.5	-159.4	-159.3	-159.2	-159.1
BNK1	T	C	66		bnk1.gxt	-163.2	-163.1	-163	-162.9	-162.8
BNK2	T	C	66		bnk2.gxt	-159.5	-159.4	-159.3	-159.2	-159.1
BNK3	T	C	66		bnk3.gxt	-160.9	-160.8	-160.7	-160.6	-160.5
BNK4	T	C	66		bnk4.gxt	-162.7	-162.6	-162.5	-162.4	-162.3
BNK5	T	C	66		bnk5.gxt	-158.9	-158.8	-158.7	-158.6	-158.5
CMD	R	C	66		cmd.gxt					

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S9. SPACE STATION CHANNELS For each frequency channel 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)
AUA	36000	R	6280	L	C
AUB	36000	R	6320	L	C
AUC	36000	R	6360	L	C
AUD	41000	R	6402.5	L	C
BUA	36000	R	6280	R	C
BUB	36000	R	6320	R	C
BUC	36000	R	6360	R	C
BUD	41000	R	6402.5	R	C
CUA	36000	R	6280	L	C
CUB	36000	R	6320	L	C
CUC	36000	R	6360	L	C
CUD	41000	R	6402.5	L	C
DUA	36000	R	6280	R	C
DUB	36000	R	6320	R	C
DUC	36000	R	6360	R	C
DUD	41000	R	6402.5	R	C
EU1	77000	R	5967.5	L	C
EU2	72000	R	6050	L	C
EU3	34000	R	6111	L	C
EU4	34000	R	6149	L	C
EU6	72000	R	6220	L	C
EUA	36000	R	6280	L	C
FU1	77000	R	5967.5	L	C
FU2	72000	R	6050	L	C
FU3	34000	R	6111	L	C
FU4	34000	R	6149	L	C
FU6	72000	R	6220	L	C
FUA	36000	R	6280	L	C
GU1	77000	R	5967.5	R	C
GU2	72000	R	6050	R	C

S10. SPACE STATION TRANSPONDERS For each transponder provide:

(a) Transponder ID	(b) Transponder Gain (dB)	Receive Band		Transmit Band	
		(c) Channel No.	(d) Beam ID	(e) Channel No.	(f) Beam ID

GU3	34000	R	6111	R	C
GU4	34000	R	6149	R	C
GU6	72000	R	6220	R	C
GUA	36000	R	6280	R	C
JU1	77000	R	5967.5	R	C
JU2	72000	R	6050	R	C
JU3	34000	R	6111	R	C
JU4	34000	R	6149	R	C
JU6	72000	R	6220	R	C
JUA	36000	R	6280	R	C
HU1	77000	R	5967.5	R	C
HU2	72000	R	6050	R	C
HU3	34000	R	6111	R	C
HU4	34000	R	6149	R	C
HU6	72000	R	6220	R	C
HUA	36000	R	6280	R	C
IU1	77000	R	5967.5	R	C
IU2	72000	R	6050	R	C
IU3	34000	R	6111	R	C
IU4	34000	R	6149	R	C
IU6	72000	R	6220	R	C
IUA	36000	R	6280	R	C
KU1	77000	R	5967.5	R	C
KU2	72000	R	6050	R	C
KU3	34000	R	6111	R	C
KU4	34000	R	6149	R	C
KU6	72000	R	6220	R	C
KUA	36000	R	6280	R	C
LU1	77000	R	5967.5	R	C
LU2	72000	R	6050	R	C
LU3	34000	R	6111	R	C
LU4	34000	R	6149	R	C
LU6	72000	R	6220	R	C
LUA	36000	R	6280	R	C
SU1	77000	R	14042.5	H	C
SU2	72000	R	14125	H	C
SU3	34000	R	14186	H	C
SU4	34000	R	14224	H	C
SU6	112000	R	14314	H	C

SU7	112000	R	14438	H	C
UU1	77000	R	14042.5	V	C
UU2	72000	R	14125	V	C
UU3	34000	R	14186	V	C
UU4	34000	R	14224	V	C
UU6	112000	R	14314	V	C
UU7	112000	R	14438	V	C
YU1	77000	R	14042.5	V	C
YU2	72000	R	14125	V	C
YU3	34000	R	14186	V	C
YU4	34000	R	14224	V	C
YU6	112000	R	14314	V	C
YU7	112000	R	14438	V	C
WU1	77000	R	14042.5	H	C
WU2	72000	R	14125	H	C
WU3	34000	R	14186	H	C
WU4	34000	R	14224	H	C
WU6	112000	R	14314	H	C
WU7	112000	R	14438	H	C
SUC	72000	R	14295	H	C
UUC	72000	R	14295	V	C
YUC	72000	R	14295	V	C
WUC	72000	R	14295	H	C
ADA	36000	T	4055	R	C
ADB	36000	T	4095	R	C
ADC	36000	T	4135	R	C
ADD	41000	T	4177.5	R	C
CDA	36000	T	4055	R	C
CDB	36000	T	4095	R	C
CDC	36000	T	4135	R	C
CDD	41000	T	4177.5	R	C
EDA	36000	T	4055	R	C
BDA	36000	T	4055	L	C
BDB	36000	T	4095	L	C
BDC	36000	T	4135	L	C
BDD	41000	T	4177.5	L	C
DDA	36000	T	4055	L	C
DDB	36000	T	4095	L	C
DDC	36000	T	4135	L	C

DDD	41000	T	4177.5	L	C
FDA	36000	T	4055	R	C
ED1	77000	T	3742.5	R	C
ED2	72000	T	3825	R	C
ED3	34000	T	3886	R	C
ED4	34000	T	3924	R	C
ED6	72000	T	3995	R	C
FD1	77000	T	3742.5	R	C
FD2	72000	T	3825	R	C
FD3	34000	T	3886	R	C
FD4	34000	T	3924	R	C
FD6	72000	T	3995	R	C
GD1	77000	T	3742.5	L	C
GD2	72000	T	3825	L	C
GD3	34000	T	3886	L	C
GD4	34000	T	3924	L	C
GD6	72000	T	3995	L	C
GDA	36000	T	4055	L	C
JD1	77000	T	3742.5	L	C
JD2	72000	T	3825	L	C
JD3	34000	T	3886	L	C
JD4	34000	T	3924	L	C
JD6	72000	T	3995	L	C
JDA	36000	T	4055	L	C
HD1	77000	T	3742.5	L	C
HD2	72000	T	3825	L	C
HD3	34000	T	3886	L	C
HD4	34000	T	3924	L	C
HD6	72000	T	3995	L	C
HDA	36000	T	4055	L	C
ID1	77000	T	3742.5	L	C
ID2	72000	T	3825	L	C
ID3	34000	T	3886	L	C
ID4	34000	T	3924	L	C
ID6	72000	T	3995	L	C
IDA	36000	T	4055	L	C
S1D1	77000	T	10992.5	V	C
S1D2	72000	T	11075	V	C
S1D3	34000	T	11136	V	C

S1D4	34000	T	11174	V	C
S1D6	112000	T	11514	V	C
S1D7	112000	T	11638	V	C
U1D1	77000	T	10992.5	H	C
U1D2	72000	T	11075	H	C
U1D3	34000	T	11136	H	C
U1D4	34000	T	11174	H	C
U1D6	112000	T	11514	H	C
U1D7	112000	T	11638	H	C
Y1D1	77000	T	10992.5	H	C
Y1D2	72000	T	11075	H	C
Y1D3	34000	T	11136	H	C
Y1D4	34000	T	11174	H	C
Y1D6	112000	T	11514	H	C
Y1D7	112000	T	11638	H	C
W1DA	77000	T	10992.5	V	C
W1D2	72000	T	11075	V	C
W1D3	34000	T	11136	V	C
W1D4	34000	T	11174	V	C
W1D6	112000	T	11514	V	C
W1D7	112000	T	11638	V	C
W1D1	77000	T	10992.5	V	C
S2D1	77000	T	12547.5	V	C
S2D2	72000	T	12630	V	C
S2D3	34000	T	12691	V	C
S2D4	34000	T	12729	V	C
S2D6	112000	T	11514	V	C
S2D7	112000	T	11638	V	C
U2D1	77000	T	12547.5	H	C
U2D2	72000	T	12630	H	C
U2D3	34000	T	12691	H	C
U2D4	34000	T	12729	H	C
U2D6	112000	T	11514	H	C
U2D7	112000	T	11638	H	C
Y2D1	77000	T	12547.5	H	C
Y2D2	72000	T	12630	H	C
Y2D3	34000	T	12691	H	C
Y2D4	34000	T	12729	H	C
Y2D6	112000	T	11514	H	C

Y2D7	112000	T	11638	H	C
W2DA	77000	T	12547.5	V	C
W2D2	72000	T	12630	V	C
W2D3	34000	T	12691	V	C
W2D4	34000	T	12729	V	C
W2D6	112000	T	11514	V	C
W2D7	112000	T	11638	V	C
W2D1	77000	T	12547.5	V	C
S3D1	77000	T	11747.5	V	C
S3D2	72000	T	11830	V	C
S3D3	34000	T	11891	V	C
S3D4	34000	T	11929	V	C
S3D6	112000	T	11514	V	C
S3D7	112000	T	11638	V	C
U3D1	77000	T	11747.5	H	C
U3D2	72000	T	11830	H	C
U3D3	34000	T	11891	H	C
U3D4	34000	T	11929	H	C
U3D6	112000	T	11514	H	C
U3D7	112000	T	11638	H	C
Y3D1	77000	T	11747.5	H	C
Y3D2	72000	T	11830	H	C
Y3D3	34000	T	11891	H	C
Y3D4	34000	T	11929	H	C
Y3D6	112000	T	11514	H	C
Y3D7	112000	T	11638	H	C
W3DA	77000	T	11747.5	V	C
W3D2	72000	T	11830	V	C
W3D3	34000	T	11891	V	C
W3D4	34000	T	11929	V	C
W3D6	112000	T	11514	V	C
W3D7	112000	T	11638	V	C
W3D1	77000	T	11747.5	V	C
S1DC	72000	T	11495	V	C
U1DC	72000	T	11495	H	C
Y1DC	72000	T	11495	H	C
W1DC	72000	T	11495	V	C
S2DC	72000	T	11495	V	C
U2DC	72000	T	11495	H	C

Y2DC	72000	T	11495	H	C
W2DC	72000	T	11495	V	C
S3DC	72000	T	11495	V	C
U3DC	72000	T	11495	H	C
Y3DC	72000	T	11495	H	C
W3DC	72000	T	11495	V	C
CMD2	1000	R	6176.3	L	T
TM1	500	T	3947.5	R	T
TM2	500	T	3952.5	R	T
TM3	500	T	3948	R	T
TM4	500	T	3952	R	T
BC1	25	T	3950	V	T
BK1	25	T	11198	R	T
BK2	25	T	11452	R	T
BK3	25	T	11701	V	T
BK4	25	T	11701	H	T
BK5	25	T	11701	H	T
BK6	25	T	11701	V	T
BK7	25	T	12501	V	T
BK8	25	T	12501	H	T
BK9	25	T	12501	H	T
BK10	25	T	12501	V	T
CMD1	1000	R	6173.7	L	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	112MG7W	112000	4	76436	0.5		3.36	15.56
D2	77M0G7W	77000	4	52550	0.5		3.36	15.56
D3	36M0G7W	36000	4	24575	0.5		3.36	15.56
D4	10M3G7W	10300	4	6000	0.5		3.87	16.07
D5	100KG7W	100	4	64	0.5		2.99	15.19
D6	1M45G7W	1450	2	512	0.5		3.4	15.6
D7	400KG7W	400	2	128	0.5		3.4	15.6

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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	30M0F3F	30000	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		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)			
(a) Start	(b) End	(c) Digital (Table S11)	(d) Analog (Table S12)					(i)Assoc. Stn. Max. Antenna Gain (dBi)	Assoc. Station Transmit Power (dBW)		EIRP (dBW)		(n) Max. Power Flux Density (dBW/m2/Hz)	(o)Assoc. Stn Rec. G/T (dB/K)
									(j) Min.	(k) Max.	(l) Min.	(m) Max.		

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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, D.C.	S14c. County:	S14d. State/Country DC	S14e. Zip Code: 20008
S14f. Telephone Number: 202-944-7701	S14g. Call Sign of Control Station (if appropriate):		

S15. SPACECRAFT PHYSICAL CHARACTERISTICS:

S16. SPACECRAFT ELECTRICAL CHARACTERISTICS:

S17. CERTIFICATIONS:

a. Are the power flux density limits of § 25.208 met?:		**YES**	#	**NO**	#	**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?		**YES**	#	**NO**	#	**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?		**YES**	#	**NO**	#	**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.