

FEDERAL COMMUNICATIONS COMMISSION
SATELLITE SPACE STATION AUTHORIZATIONS
(Technical and Operational Description)

S1. GENERAL INFORMATION Complete for all satellite applications.

a. Space Station or Satellite Network Name: SOLIDARIDAD 2		e. Estimated Date of Placement into Service: 8/1/2006	i. Will the space station(s) operate on a Common Carrier Basis: N
b. Construction Commencement Date:		f. Estimated Lifetime of Satellite(s): 14.5 Years	j. Number of transponders offered on a common carrier basis: 0
c. Construction Completion Date:		g. Total Number of Transponders: 34	k. Total Common Carrier Transponder Bandwidth: 0 MHz
d1. Est Launch Date Begin: 10/7/1994	d2. Est Launch Date End:	h. Total Transponder Bandwidth (no. transponders x Bandwidth) 1728 MHz	l. Orbit Type: Mark all boxes that apply: ☒ 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
11700	M	12200	M	T	Fixed Satellite Service

S3. ORBITAL INFORMATION FOR GEOSTATIONARY SATELLITES ONLY:

a. Nominal Orbital Longitude (Degrees E/W): 114.9 W		b. Alternate Orbital Longitude (Degrees E/W):		c. Reason for orbital location selection: The orbital location is consistent with the Trilateral Agreement between Canada, Mexico and the United States of America.
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): Degrees E/W	
d. Toward West:	0.05 Degrees	0.05 Degrees	g. Westernmost: h. Easternmost:	
e. Toward East:	0.05 Degrees			
i. Reason for service are selection (Optional):				

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Page 2: NGSO Orbits

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 initial phase angle.

(a) Orbital Plane No.	(b) Satellite Number	(c) Initial Phase Angle (Degrees)
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NO NGSO DATA FILED

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Page 3: Service Areas

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.
SA1	S		-6 dB contour of beam C1UH
SA2	S		-6 dB contour of beam C1DV
SA3	S		-6 dB contour of beam C2UH
SA4	S		-6 dB contour of beam C2DV
SA5	S		-6 dB contour of beam C3UH
SA6	S		-6 dB contour of beam C3DV
SA7	S		-6 dB contour of beam C4UV
SA8	S		-6 dB contour of beam C4DH
SA9	S		-6 dB contour of beam K1UV
SA10	S		-6 dB contour of beam K1UH
SA11	S		-6 dB contour of beam K1DH
SA12	S		-6 dB contour of beam K1DV
SA13	S		-6 dB contour of beam K2UV
SA14	S		-6 dB contour of beam K2DH
SA15	S		Visible Earth

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Page 4: Antenna Beams

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 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
C1U	R	37	31	0.13	0	33	N	0	SA1				465	10.3	-96	14	2
C1D	T	32.9	26.9	0.13	0	33	N	90	SA2	1.6	6.9	41.3					
C2U	R	33.4	27.4	0.13	0	33	N	0	SA3				450	6.8	-93	14	2
C2D	T	30.9	23.9	0.13	0	33	N	90	SA4	1.7	9.5	40.7					
C3U	R	35.4	29.4	0.13	0	33	N	0	SA5				580	7.8	-93	14	2
C3D	T	31.1	25.1	0.13	0	33	N	90	SA6	1.8	6.6	39.3					
C4U	R	35.9	29.9	0.13	0	33	N	90	SA7				650	7.8	-94	14	2
C4D	T	33.8	27.8	0.13	0	33	N	0	SA8	1.6	9.8	43.7					
K1UV	R	38.8	32.8	0.13	0	33	N	90	SA9				685	10.5	-97	22	2
K1U	R	38.8	32.8	0.13	0	33	N	0	SA10				685	10.5	-97	22	2
K1D	T	36.7	30.7	0.13	0	33	N	0	SA11	1.3	31.6	51.7					
K1DV	T	36.7	30.7	0.13	0	33	N	90	SA12	1.3	31.6	51.7					
K2UV	R	40.2	34.2	0.13	0	33	N	90	SA13				740	11.5	-94	22	2
K2D	T	38.5	32.5	0.13	0	33	N	0	SA14	1.8	27.5	52.9					
OMNI	R	2	0	0.13	0	30	N	0	SA15				9600	-37.8			
OMNI	T	2	0	0.13	0	30	N	90	SA15	3	3.8	7.8					

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Page 5: Beam Diagrams

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
C1U	R	C	-114.9		C1UH.gxt					
C1D	T	C	-114.9		C1DV.gxt	-169	-168.9	-168.8	-168.7	-168.6
C2U	R	C	-114.9		C2UH.gxt					
C2D	T	C	-114.9		C2DV.gxt	-157.6	-156.8	-155.7	-154.3	-152.9
C3U	R	C	-114.9		C3UH.gxt					
C3D	T	C	-114.9		C3DV.gxt	-152	-151.7	-151.3	-151	-150.7
C4U	R	C	-114.9		C4UV.gxt					
C4D	T	C	-114.9		C4DH.gxt	-168.6	-168.4	-166.3	-166.2	-166.1
K1UV	R	C	-114.9		K1UV.GXT					
K1U	R	C	-114.9		K1UH.GXT					
K1D	T	C	-114.9		K1DH.GXT					
K1DV	T	C	-114.9		K1DV.GXT					
K2UV	R	C	-114.9		K2UV.gxt					
K2D	T	C	-114.9		K2DH.gxt					
OMNI	T	C	-114.9			-167.7	-167.7	-167.7	-167.7	-167.7

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Page 6: Channels and Transponders

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)
CU001	36000	R	5945	H	C
CU002	36000	R	5985	H	C
CU003	36000	R	6025	H	C
CU004	36000	R	6065	H	C
CU005	36000	R	6105	H	C
CU006	36000	R	6145	H	C
CU007	36000	R	6185	H	C
CU008	36000	R	6225	H	C
CU009	36000	R	6265	H	C
CU010	36000	R	6305	H	C
CU011	36000	R	6345	H	C
CU012	36000	R	6385	H	C
CU013	72000	R	5985	V	C
CU014	72000	R	6065	V	C
CU015	72000	R	6145	V	C
CU016	72000	R	6225	V	C
CU017	72000	R	6305	V	C
CU018	72000	R	6385	V	C
CD001	36000	T	3720	V	C
CD002	36000	T	3760	V	C
CD003	36000	T	3800	V	C
CD004	36000	T	3840	V	C
CD005	36000	T	3880	V	C
CD006	36000	T	3920	V	C
CD007	36000	T	3960	V	C
CD008	36000	T	4000	V	C
CD009	36000	T	4040	V	C
CD010	36000	T	4080	V	C
CD011	36000	T	4120	V	C
CD012	36000	T	4160	V	C

(a) Transponder ID	(b) Transponder Gain (dB)	Receive Band		Transmit Band	
		(c) Channel No.	(d) Beam ID	(e) Channel No.	(f) Beam ID
C0001	105	CU001	C1UH	CD001	C1DV
C0002	105	CU002	C1UH	CD002	C1DV
C0003	105	CU003	C1UH	CD003	C1DV
C0004	105	CU004	C1UH	CD004	C1DV
C0005	105	CU005	C1UH	CD005	C1DV
C0006	105	CU006	C1UH	CD006	C1DV
C0007	105	CU007	C1UH	CD007	C1DV
C0008	105	CU008	C1UH	CD008	C1DV
C0009	105	CU009	C1UH	CD009	C1DV
C0010	105	CU010	C1UH	CD010	C1DV
C0011	105	CU011	C1UH	CD011	C1DV
C0012	105	CU012	C1UH	CD012	C1DV
C0013	105	CU013	C4UV	CD013	C4DH
C0014	105	CU014	C4UV	CD014	C4DH
C0015	105	CU015	C4UV	CD015	C4DH
C0016	105	CU016	C4UV	CD016	C4DH
C0017	105	CU017	C4UV	CD017	C4DH
C0018	105	CU018	C4UV	CD018	C4DH
C0019	106	CU006	C1UH	CD006	C2DV
C0020	106	CU008	C1UH	CD008	C2DV
C0021	106	CU010	C1UH	CD010	C2DV
C0022	106	CU012	C1UH	CD012	C2DV
C0023	105	CU005	C1UH	CD005	C3DV
C0024	105	CU007	C1UH	CD007	C3DV
C0025	105	CU009	C1UH	CD009	C3DV
C0026	105	CU011	C1UH	CD011	C3DV
C0027	107	CU006	C2UH	CD006	C2DV
C0028	107	CU008	C2UH	CD008	C2DV
C0029	107	CU010	C2UH	CD010	C2DV
C0030	107	CU012	C2UH	CD012	C2DV

CD013	72000	T	3760	H	C
CD014	72000	T	3840	H	C
CD015	72000	T	3920	H	C
CD016	72000	T	4000	H	C
CD017	72000	T	4080	H	C
CD018	72000	T	4160	H	C
KU001	54000	R	14030	V	C
KU002	54000	R	14091	V	C
KU003	54000	R	14152	V	C
KU004	54000	R	14213	V	C
KU005	54000	R	14274	V	C
KU006	54000	R	14335	V	C
KU007	54000	R	14396	V	C
KU008	54000	R	14457	V	C
KU009	54000	R	14043	H	C
KU010	54000	R	14104	H	C
KU011	54000	R	14165	H	C
KU012	54000	R	14226	H	C
KU013	54000	R	14287	H	C
KU014	54000	R	14348	H	C
KU015	54000	R	14409	H	C
KU016	54000	R	14470	H	C
KD001	54000	T	11730	H	C
KD002	54000	T	11791	H	C
KD003	54000	T	11852	H	C
KD004	54000	T	11913	H	C
KD005	54000	T	11974	H	C
KD006	54000	T	12035	H	C
KD007	54000	T	12096	H	C
KD008	54000	T	12157	H	C
KD009	54000	T	11743	V	C
KD010	54000	T	11804	V	C
KD011	54000	T	11865	V	C
KD012	54000	T	11926	V	C
KD013	54000	T	11987	V	C
KD014	54000	T	12048	V	C
KD015	54000	T	12109	V	C
KD016	54000	T	12170	V	C
TC1	600	R	5935	V	T

C0031	105	CU005	C2UH	CD005	C3DV
C0032	105	CU007	C2UH	CD007	C3DV
C0033	105	CU009	C2UH	CD009	C3DV
C0034	105	CU011	C2UH	CD011	C3DV
C0035	105	CU006	C3UH	CD006	C2DV
C0036	105	CU008	C3UH	CD008	C2DV
C0037	105	CU010	C3UH	CD010	C2DV
C0038	105	CU012	C3UH	CD012	C2DV
C0039	103	CU005	C3UH	CD005	C3DV
C0040	103	CU007	C3UH	CD007	C3DV
C0041	103	CU009	C3UH	CD009	C3DV
C0042	103	CU011	C3UH	CD011	C3DV
K0001	118	KU001	K1UV	KD001	K1DH
K0002	118	KU002	K1UV	KD002	K1DH
K0003	118	KU003	K1UV	KD003	K1DH
K0004	118	KU004	K1UV	KD004	K1DH
K0005	118	KU005	K1UV	KD005	K1DH
K0006	118	KU006	K1UV	KD006	K1DH
K0007	118	KU007	K1UV	KD007	K1DH
K0008	118	KU008	K1UV	KD008	K1DH
K0009	118	KU009	K1UH	KD009	K1DV
K0010	118	KU010	K1UH	KD010	K1DV
K0011	118	KU011	K1UH	KD011	K1DV
K0012	118	KU012	K1UH	KD012	K1DV
K0013	118	KU013	K1UH	KD013	K1DV
K0014	118	KU014	K1UH	KD014	K1DV
K0015	118	KU015	K1UH	KD015	K1DV
K0016	118	KU016	K1UH	KD016	K1DV
K0017	113	KU006	K2UV	KD006	K2DH
K0018	113	KU008	K2UV	KD006	K2DH
TC1		TC1	C4UV		
TC2		TC2	OMNIH		
TM1				TM1	C4DH
TM2				TM2	C4DH
TM3				TM3	OMNIV
TM4				TM4	OMNIV
BCN1				BCN1	K1DH
BCN2				BCN2	K1DV

TC2	600	R	6415	H	T
TM1	350	T	3700.6	H	T
TM2	350	T	3701.1	H	T
TM3	350	T	3700.6	V	T
TM4	350	T	3701.1	V	T
BCN1	25	T	11701	H	T
BCN2	25	T	11701	V	T

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Page 7: Digital Modulation

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	146KG7W	145.9	4	128	0.5		5.9	18.1
D2	1M56G7W	1556.5	4	2048	0.75		8.2	20.4
D3	5M56G7W	5563.2	4	7320	0.75		8.2	20.4
D4	36M0G7W	36000	4	41468	0.691		6.1	18.3

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Page 8: Analog Modulation

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	36M0F9F	36000	TV/FM	1					NTSC	12.8	1.29		12	26

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Page 9: Typical Emissions

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)			
		(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/m ² /Hz)	(o) Assoc. Stn Rec. G/T (dB/K)
(a) Start	(b) End								(j) Min.	(k) Max.	(l) Min.	(m) Max.		
C0001	C0012	D1		180	200	146k C1-C1.do		47.5	-7.5	-1.5	7.4	13.4	-164.6	24.6
C0001	C0012	D2		17	2100	1.56M C1-C1.d		47.5	2.8	8.8	17.7	23.7	-164.5	28.5
C0001	C0012	D3		4	7500	5.56M C1-C1.d		47.5	8.6	14.6	23.5	29.5	-164.3	28.5
C0001	C0012	D4		1		36M C1-C1.doc		53.5	16	22	34.7	40.7	-161.2	24.6
C0001	C0012		A1	1		TV C1-C1.doc	2000	53.5	19.3	25.3	35.3	41.3	-148	28.5
C0013	C0018	D1		360	200	146k C4-C4.do		47.5	-5.5	-0.5	9.8	15.8	-162.1	24.6
C0013	C0018	D2		34	2100	1.56M C4-C4.d		47.5	4.8	10.8	20.1	26.1	-162.1	28.5
C0013	C0018	D3		8	7500	5.56M C4-C4.d		47.5	10.6	16.6	25.9	31.9	-161.8	28.5
C0013	C0018	D4		2	36000	36M C4-C4.doc		53.5	14.5	20.5	35.3	41.3	-160.5	24.6
C0013	C0018		A1	2	36000	TV C4-C4.doc	2000	53.5	18.8	24.8	35.5	41.5	-147.7	28.5
C0019	C0022	D1		180	200	146k C1-C2.do		47.5	-7.5	-1.5	6.8	12.8	-165.1	24.6
C0019	C0022	D2		17	2100	1.56M C1-C2.d		47.5	2.8	8.8	17.1	23.1	-165.1	28.5
C0019	C0022	D3		4	7500	5.56M C1-C2.d		47.5	8.6	14.6	22.9	28.9	-164.9	28.5
C0019	C0022	D4		1		36M C1-C2.doc		53.5	16	22	34.1	40.1	-161.8	24.6
C0019	C0022		A1	1		TV C1-C2.doc	2000	53.5	20.1	26.1	34.7	40.7	-150.7	28.5
C0027	C0030	D1		180	200	146k C2-C2.do		47.5	-4.5	1.5	6.8	12.8	-165.1	24.6
C0027	C0030	D2		17	2100	1.56M C2-C2.d		47.5	5.8	11.8	17.1	23.1	-165.1	28.5
C0027	C0030	D3		4	7500	5.56M C2-C2.d		47.5	11.6	17.6	22.9	28.9	-164.9	28.5
C0027	C0030	D4		1		36M C2-C2.doc		53.5	19	25	34.1	40.1	-164.9	24.6
C0027	C0030		A1	1		TV C2-C2.doc	2000	53.5	21.5	27.5	34.6	40.6	-148.7	28.5
C0035	C0038	D1		180	200	146k C3-C2.do		47.5	-4.5	1.5	6.8	12.8	-165.1	24.6
C0035	C0038	D2		17	2100	1.56M C3-C2.d		47.5	5.8	11.8	17.1	23.1	-165.1	28.5
C0035	C0038	D3		4	7500	5.56M C3-C2.d		47.5	11.6	17.6	22.9	28.9	-164.9	28.5
C0035	C0038	D4		1		36M C3-C2.doc		53.5	19	25	34.1	40.1	-161.8	24.6
C0035	C0038		A1	1		TV C3-C2.doc	2000	53.5	21.5	27.5	34.6	40.6	-148.7	28.5
K0001	K0016	D1		270	200	146k K1-K1.do		43.2	-6.3	-0.3	17.7	23.7		27.3
K0001	K0016	D2		25	2100	1.56M K1-K1.d		51.2	2.2	8.2	28.1	34.1		29.2
K0001	K0016	D3		7	7500	5.56M K1-K1.d		53	6.2	12.2	33.9	39.9		29.2
K0001	K0016	D4		1		36M K1-K1.doc		54.7	16.5	22.5	45.7	51.7		21.3

K0001	K0016		A1	1		TV K1-K1.doc	2000	54.7	21.3	27.3	45.7	51.7		28.7
K0017	K0018	D1		270	200	146k K2-K2.do		43.2	-6.3	-0.3	18	24		27.3
K0017	K0018	D2		25	2100	1.56M K2-K2.d		51.2	3.8	9.8	28.1	34.1		29.2
K0017	K0018	D3		7	7500	5.56M K2-K2.d		53	9.2	15.2	35.1	41.1		29.2
K0017	K0018	D4		1		36M K2-K2.doc		54.7	16.3	22.3	46.7	52.7		21.3
K0017	K0018		A1	1		TV K2-K2.doc	2000	54.7	20.3	26.3	46.1	52.1		28.7

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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

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S15. SPACECRAFT PHYSICAL CHARACTERISTICS:

S15a. Mass of spacecraft without fuel (kg): 1278	Spacecraft Dimensions (meters)	Probability of Survival to End of Life (0.0 - 1.0)
S15b. Mass of fuel and disposables at launch (kg): 1513		
S15c. Mass of spacecraft and fuel at launch (kg): 2791	S15f. Length (m): 7	S15i. Payload: 0.9
S15d. Mass of fuel, in orbit, at beginning of life (kg): 402	S15g. Width (m): 3.14	S15j. Bus: 0.85
S15e. Deployed Area of Solar Array (square meters): 32.9	S15h. Height (m): 21	S15k. Total: 0.765

S16. SPACECRAFT ELECTRICAL CHARACTERISTICS:

Spacecraft Subsystem	Electrical Power (Watts) At Beginning of Life		Electrical Power (Watts) At End of Life	
	At Equinox	At Solstice	At Equinox	At Solstice
Payload (Watts):	(a): 2470	(f): 2454	(k): 2470	(p): 2454
Bus (Watts):	(b): 673	(g): 523	(l): 544	(q): 462
Total (Watts):	(c): 3143	(h): 2977	(m): 2998	(r): 2932
Solar Array (Watts):	(d): 4288	(i): 3954	(n): 3519	(s): 3256
Depth of Battery Discharge (%):	(e) 73.7 %	(j) %	(o) 73.7 %	(t) %

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.