



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02475

Wednesday June 22, 2022

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-LIC-20220118-00054 E E220002 Intelsat License LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application for a new C-band earth station at a consolidated site in Andover, Maine pursuant to the Commission's Expanding Flexible Use in the 3.7-4.2 GHz Band, FCC 20-22 (rel. Mar. 3, 2020).

SITE ID: 1

LOCATION: 494 Roxbury Pond Road, Andover, ME

44 ° 38 ' 3.50 " N LAT.

70 ° 41 ' 49.90 " W LONG.

ANTENNA ID:	AND-C30	13.1 meters	CPI Sat	13.1 KPC	
	5850.0000 - 6425.0000 MHz		64K0G7W	65.90 dBW	Digital data
	5850.0000 - 6425.0000 MHz		72M0G7W	96.50 dBW	Digital data
	5850.0000 - 5935.0000 MHz		1M00F7D	86.40 dBW	TT&C
	5850.0000 - 5935.0000 MHz		1M50F7D	88.10 dBW	TT&C
	6170.0000 - 6180.0000 MHz		1M00F7D	86.40 dBW	TT&C
	6170.0000 - 6180.0000 MHz		1M50F7D	88.10 dBW	TT&C
	6415.0000 - 6425.0000 MHz		1M00F7D	86.40 dBW	TT&C
	6415.0000 - 6425.0000 MHz		1M50F7D	88.10 dBW	TT&C

3625.0000 - 4200.0000 MHz	56K0G7W	Digital data
3625.0000 - 4200.0000 MHz	72M0G7W	Digital data
3630.0000 - 3710.0000 MHz	500KG7D	TT&C
3630.0000 - 3710.0000 MHz	1M50G7D	TT&C
3945.0000 - 3955.0000 MHz	500KG7D	TT&C
3945.0000 - 3955.0000 MHz	1M50G7D	TT&C
4190.0000 - 4200.0000 MHz	500KG7D	TT&C
4190.0000 - 4200.0000 MHz	1M50G7D	TT&C
4190.0000 - 4200.0000 MHz	1M00G7D	TT&C
3945.0000 - 3955.0000 MHz	1M00G7D	TT&C
3630.0000 - 3710.0000 MHz	1M00G7D	TT&C

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20220118-00057 E E220003 Intelsat License LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application for a new C-band earth station at a consolidated site in Andover, Maine pursuant to the Commission's Expanding Flexible Use in the 3.7-4.2 GHz Band, FCC 20-22 (rel. Mar. 3, 2020).

SITE ID: 1

LOCATION: 494 Roxbury Pond Road, Andover, ME

44 ° 38 ' 5.30 " N LAT.

70 ° 41 ' 46.70 " W LONG.

ANTENNA ID:	AND-C33	13.1 meters	CPI Sat	13.1 KPC
5850.0000 - 6425.0000 MHz	64K0G7W	65.90 dBW	Digital data	
5850.0000 - 6425.0000 MHz	72M0G7W	96.50 dBW	Digital data	
5850.0000 - 5935.0000 MHz	1M00F7D	86.40 dBW	TT&C	
5850.0000 - 5935.0000 MHz	1M50F7D	88.10 dBW	TT&C	
6170.0000 - 6180.0000 MHz	1M00F7D	86.40 dBW	TT&C	
6170.0000 - 6180.0000 MHz	1M50F7D	88.10 dBW	TT&C	

6415.0000 - 6425.0000 MHz	1M00F7D	86.40 dBW	TT&C
6415.0000 - 6425.0000 MHz	1M50F7D	88.10 dBW	TT&C
3625.0000 - 4200.0000 MHz	56K0G7W		Digital data
3625.0000 - 4200.0000 MHz	72M0G7W		Digital data
3630.0000 - 3710.0000 MHz	500KG7D		TT&C
3630.0000 - 3710.0000 MHz	1M50G7D		TT&C
3945.0000 - 3955.0000 MHz	500KG7D		TT&C
3945.0000 - 3955.0000 MHz	1M50G7D		TT&C
4190.0000 - 4200.0000 MHz	500KG7D		TT&C
4190.0000 - 4200.0000 MHz	1M50G7D		TT&C
4190.0000 - 4200.0000 MHz	1M00G7D		TT&C
3945.0000 - 3955.0000 MHz	1M00G7D		TT&C
3630.0000 - 3710.0000 MHz	1M00G7D		TT&C

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20220118-00058 E E220004 Intelsat License LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application for a new C-band earth station at a consolidated site in Andover, Maine pursuant to the Commission's Expanding Flexible Use in the 3.7-4.2 GHz Band, FCC 20-22 (rel. Mar. 3, 2020).

SITE ID: 1

LOCATION: 494 Roxbury Pond Road, Andover, ME

44 ° 38 ' 4.50 " N LAT.

70 ° 41 ' 47.40 " W LONG.

ANTENNA ID: AND-C32 13.5 meters Kratos ES135-1

5850.0000 - 6425.0000 MHz	64K0G7W	65.90 dBW	Digital data
5850.0000 - 6425.0000 MHz	72M0G7W	96.50 dBW	Digital data
5850.0000 - 5935.0000 MHz	1M00F7D	86.40 dBW	TT&C
5850.0000 - 5935.0000 MHz	1M50F7D	88.10 dBW	TT&C

6170.0000 - 6180.0000 MHz	1M00F7D	86.40 dBW	TT&C
6170.0000 - 6180.0000 MHz	1M50F7D	88.10 dBW	TT&C
6415.0000 - 6425.0000 MHz	1M00F7D	86.40 dBW	TT&C
6415.0000 - 6425.0000 MHz	1M50F7D	88.10 dBW	TT&C
3625.0000 - 4200.0000 MHz	56K0G7W		Digital data
3625.0000 - 4200.0000 MHz	72M0G7W		Digital data
3630.0000 - 3710.0000 MHz	500KG7D		TT&C
3630.0000 - 3710.0000 MHz	1M50G7D		TT&C
3945.0000 - 3955.0000 MHz	500KG7D		TT&C
3945.0000 - 3955.0000 MHz	1M50G7D		TT&C
4190.0000 - 4200.0000 MHz	500KG7D		TT&C
4190.0000 - 4200.0000 MHz	1M50G7D		TT&C
4190.0000 - 4200.0000 MHz	1M00G7D		TT&C
3945.0000 - 3955.0000 MHz	1M00G7D		TT&C
3630.0000 - 3710.0000 MHz	1M00G7D		TT&C

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20220118-00059 E E220005 Intelsat License LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application for a new C-band earth station at a consolidated site in Andover, Maine pursuant to the Commission's Expanding Flexible Use in the 3.7-4.2 GHz Band, FCC 20-22 (rel. Mar. 3, 2020).

SITE ID: 1

LOCATION: 494 Roxbury Pond Road, Andover, ME

44 ° 38 ' 4.20 " N LAT.

70 ° 41 ' 48.80 " W LONG.

ANTENNA ID: AND-C31 13.5 meters Kratos ES135-1

5850.0000 - 6425.0000 MHz 64K0G7W 65.90 dBW Digital data

5850.0000 - 6425.0000 MHz 72M0G7W 96.50 dBW Digital data

5850.0000 - 5935.0000 MHz	1M00F7D	86.40 dBW	TT&C
5850.0000 - 5935.0000 MHz	1M50F7D	88.10 dBW	TT&C
6170.0000 - 6180.0000 MHz	1M00F7D	86.40 dBW	TT&C
6170.0000 - 6180.0000 MHz	1M50F7D	88.10 dBW	TT&C
6415.0000 - 6425.0000 MHz	1M00F7D	86.40 dBW	TT&C
6415.0000 - 6425.0000 MHz	1M50F7D	88.10 dBW	TT&C
3625.0000 - 4200.0000 MHz	56K0G7W		Digital data
3625.0000 - 4200.0000 MHz	72M0G7W		Digital data
3630.0000 - 3710.0000 MHz	500KG7D		TT&C
3630.0000 - 3710.0000 MHz	1M50G7D		TT&C
3945.0000 - 3955.0000 MHz	500KG7D		TT&C
3945.0000 - 3955.0000 MHz	1M50G7D		TT&C
4190.0000 - 4200.0000 MHz	500KG7D		TT&C
4190.0000 - 4200.0000 MHz	1M50G7D		TT&C
4190.0000 - 4200.0000 MHz	1M00G7D		TT&C
3945.0000 - 3955.0000 MHz	1M00G7D		TT&C
3630.0000 - 3710.0000 MHz	1M00G7W		TT&C

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20220511-00473 E E220058 Intelsat License LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application for a new C-band earth station at a consolidated site in Andover, Maine pursuant to the Commission's Expanding Flexible Use in the 3.7-4.2 GHz Band, FCC 20-22 (rel. Mar. 3, 2020).

SITE ID: 1

LOCATION: 494 Roxbury Pond Road, Andover, ME

44 ° 37 ' 57.00 " N LAT.

70 ° 41 ' 59.30 " W LONG.

ANTENNA ID: AND-C38 13.1 meters CPI Sat 13.1 THC

5850.0000 - 6425.0000 MHz	64K0G7W	65.90 dBW	Digital data
5850.0000 - 6425.0000 MHz	72M0G7W	86.00 dBW	Digital data
5850.0000 - 5935.0000 MHz	1M00F7D	86.00 dBW	TT&C
5850.0000 - 5935.0000 MHz	1M50F7D	86.00 dBW	TT&C
6170.0000 - 6180.0000 MHz	1M00F7D	86.00 dBW	TT&C
6170.0000 - 6180.0000 MHz	1M50F7D	86.00 dBW	TT&C
6415.0000 - 6425.0000 MHz	1M00F7D	86.00 dBW	TT&C
6415.0000 - 6425.0000 MHz	1M50F7D	86.00 dBW	TT&C
3700.0000 - 4200.0000 MHz	56K0G7W		Digital data
3700.0000 - 4200.0000 MHz	72M0G7W		Digital data
3700.0000 - 3710.0000 MHz	500KG7D		TT&C
3700.0000 - 3710.0000 MHz	1M50G7D		TT&C
3945.0000 - 3955.0000 MHz	500KG7D		TT&C
3945.0000 - 3955.0000 MHz	1M50G7D		TT&C
4190.0000 - 4200.0000 MHz	500KG7D		TT&C
4190.0000 - 4200.0000 MHz	1M50G7D		TT&C
4190.0000 - 4200.0000 MHz	1M00G7D		TT&C
3945.0000 - 3955.0000 MHz	1M00G7D		TT&C
3700.0000 - 3710.0000 MHz	1M00G7D		TT&C
6715.0000 - 6725.0000 MHz	1M00F7D	62.50 dBW	TT&C
6715.0000 - 6725.0000 MHz	1M50F7D	62.40 dBW	TT&C

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20220511-00474 E E220059 Intelsat License LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application for a new C-band earth station at a consolidated site in Andover, Maine pursuant to the Commission's Expanding Flexible Use in the 3.7-4.2 GHz Band, FCC 20-22 (rel. Mar. 3, 2020).

SITE ID: 1
 LOCATION: 494 Roxbury Pond Road, Andover, ME
 44 ° 37 ' 56.30 " N LAT. 70 ° 41 ' 58.90 " W LONG.

ANTENNA ID:	AND-C39	13.2 meters	CPI Sat	13.2 FMA	
	5850.0000 - 6425.0000 MHz		64K0G7W	65.90 dBW	Digital data
	5850.0000 - 6425.0000 MHz		72M0G7W	86.00 dBW	Digital data
	5850.0000 - 5935.0000 MHz		1M00F7D	86.00 dBW	TT&C
	5850.0000 - 5935.0000 MHz		1M50F7D	86.00 dBW	TT&C
	6170.0000 - 6180.0000 MHz		1M00F7D	86.00 dBW	TT&C
	6170.0000 - 6180.0000 MHz		1M50F7D	86.00 dBW	TT&C
	6415.0000 - 6425.0000 MHz		1M00F7D	86.00 dBW	TT&C
	6415.0000 - 6425.0000 MHz		1M50F7D	86.00 dBW	TT&C
	3700.0000 - 4200.0000 MHz		56K0G7W		Digital data
	3700.0000 - 4200.0000 MHz		72M0G7W		Digital data
	3700.0000 - 3710.0000 MHz		500KG7D		TT&C
	3700.0000 - 3710.0000 MHz		1M50G7D		TT&C
	3945.0000 - 3955.0000 MHz		500KG7D		TT&C
	3945.0000 - 3955.0000 MHz		1M50G7D		TT&C
	4190.0000 - 4200.0000 MHz		500KG7D		TT&C
	4190.0000 - 4200.0000 MHz		1M50G7D		TT&C
	4190.0000 - 4200.0000 MHz		1M00G7D		TT&C
	3945.0000 - 3955.0000 MHz		1M00G7D		TT&C
	3700.0000 - 3710.0000 MHz		1M00G7D		TT&C
	6715.0000 - 6725.0000 MHz		1M00F7D	86.00 dBW	TT&C
	6715.0000 - 6725.0000 MHz		1M50F7D	86.00 dBW	TT&C

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20220609-00640 E E220096 GCI Communication Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Remote CATG Beaver

LOCATION: 24030 Beaver St, Beaver, AK

66 ° 21 ' 30.70 " N LAT.

147 ° 23 ' 52.40 " W LONG.

ANTENNA ID:	1	3.8 meters	CPI	2385
	3700.0000 - 4200.0000 MHz	45K0G7W -		Phase modulated voice, video, and data services.
	3700.0000 - 4200.0000 MHz	108MG7W		Phase modulated voice, video, and data services.
	5925.0000 - 6425.0000 MHz	45K0G7W -	67.80 dBW	Phase modulated voice, video, and data services.
	5925.0000 - 6425.0000 MHz	108MG7W	67.80 dBW	Phase modulated voice, video, and data services.
	3700.0000 - 4200.0000 MHz	60K0D7W		Phase and amplitude modulated voice, video, and data services.
	3700.0000 - 4200.0000 MHz	108MD7W		Phase and amplitude modulated voice, video, and data services.
	5925.0000 - 6425.0000 MHz	45K0D7W	67.80 dBW	Phase and amplitude modulated voice, video, and data services.
	5925.0000 - 6425.0000 MHz	108MD7W	67.80 dBW	Phase and amplitude modulated voice, video, and data services.

Points of Communication:

Remote CATG Beaver - PERMITTED LIST - ()

SES-LIC-20220609-00641 E E220097 GCI Communication Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Remote CATG Venetie

LOCATION: 110 2nd St., Venetie, AK

67 ° 0 ' 50.22 " N LAT.

146 ° 25 ' 1.33 " W LONG.

ANTENNA ID:	1	3.8 meters	CPI	2385
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3700.0000 - 4200.0000 MHz	45K0G7W -		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	108MG7W		Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	45K0G7W -	67.80 dBW	Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	108MG7W	67.80 dBW	Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	60K0D7W -		Phase and amplitude modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	108MD7W		Phase and amplitude modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	45K0D7W -	67.80 dBW	Phase and amplitude modulated voice, video, and data services
5925.0000 - 6425.0000 MHz	108MD7W	67.80 dBW	Phase and amplitude modulated voice, video, and data services

Points of Communication:

Remote CATG Venetie - PERMITTED LIST - ()

SES-LIC-20220614-00643 E E220098 Expedition Communications

Application for Authority

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: REMOTE

LOCATION: 221-B Chalan Palasyo, United States, Agana Heights, GU

13 ° 28 ' 4.08 " N LAT.

144 ° 44 ' 43.08 " E LONG.

ANTENNA ID: 1 1.2 meters AVL Tech 1258KFD

14000.0000 - 14500.0000 MHz 3M36G7W 45.50 dBW QPSK - Voice and Data

11450.0000 - 11700.0000 MHz 3M36G7W 0.00 dBW QPSK

Points of Communication:

REMOTE - HORIZONS-3 (S2947) - (169 E.L.)

REMOTE - PERMITTED LIST - ()

SES-MOD-20220104-00005 E E140029 ISAT US Inc.

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Fixed Satellite Service

ISAT US Inc. requests modification of its mobile earth station to add up to 4000 Intellian GX60NX antennas to communicate with the current licensed satellites in the current licensed frequency bands.

SITE ID: RMT6

LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	INT GX60	0.65 meters	INTELLIAN	GX60	
	29500.0000 - 30000.0000 MHz		6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz		492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz		5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz		2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
	29100.0000 - 29500.0000 MHz		6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz		492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz		2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
	29100.0000 - 29500.0000 MHz		5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
	19700.0000 - 20200.0000 MHz		32M0G7W		Various Modulations up to 32APSK; Digital Data Link
	19300.0000 - 19700.0000 MHz		32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT7

LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	SAILOR 60	0.65 meters	COBHAM SEATEL	SAILOR GX60	
	29500.0000 - 30000.0000 MHz		6M96G7W	50.70 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz		492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz		5M00G1W	50.70 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz		2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling

29100.0000 - 29500.0000 MHz	6M96G7W	50.70 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	5M00G1W	50.70 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT3
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: SAILOR 100	1.03 meters	Cobham SatCom	Sailor 100 GX
29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	2M70G1W	54.30 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	2M70G1W	54.30 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT1
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS, PR, USVI

ANTENNA ID:	SEA4012GX	1 meters	Cobham-Sea Tel	4012GX
	29500.0000 - 30000.0000 MHz	2M30G1W	54.10 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	54.10 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz	6M96G7W	54.10 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	600KG7W	46.50 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz	2M30G1W	54.10 dBW	Modulation and Services Digital Data Signalling
	29100.0000 - 29500.0000 MHz	5M00G1W	54.10 dBW	Modulation and Services Digital Data Signalling
	29100.0000 - 29500.0000 MHz	6M96G7W	54.10 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz	600KG7W	46.50 dBW	Various Modulations up to 32APSK; Digital Data Link
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT2

LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	SEAGX60	0.65 meters	Cobham-Sea Tel	GX60
	29500.0000 - 30000.0000 MHz	2M70G1W	50.30 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	50.30 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz	6M96G7W	50.30 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	600KG7W	43.30 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz	6M96G7W	50.30 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz	600KG7W	43.30 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz	5M00G1W	50.30 dBW	Modulation and Services Digital Data Signalling

29100.0000 - 29500.0000 MHz	2M70G1W	50.30 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT8
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: EM Cobra	1 meters	EM Solutions	Cobra
29500.0000 - 30000.0000 MHz	7M11G7W	58.00 dBW	Modulation and Services various modulations up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	3M56G7W	55.00 dBW	Modulation and Services various modulations up to 32 APSK Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Modulation and Services various modulations up to 32 APSK Digital Data Link

SITE ID: RMT9
LOCATION: Maritime Vessels/50units South Atlantic Ocean Region

ANTENNA ID: MilliSat-W	0.5 meters	GetSat	MilliSat-W
29500.0000 - 30000.0000 MHz	5M00G1W	48.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	48.80 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT10
LOCATION: Maritime Vessels/50units South Atlantic Ocean Region

ANTENNA ID: MilliSat-H	0.27 meters	GetSat	MilliSat-H
29500.0000 - 30000.0000 MHz	5M00G1W	48.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	48.80 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT11
LOCATION: Maritime Vessels/50units South Atlantic Ocean Region

ANTENNA ID:	MicroSat	0.248 meters	GetSat	MicroSat	
	29500.0000 - 30000.0000 MHz		5M00G1W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz		460KG7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	19700.0000 - 20200.0000 MHz		32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT4
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	JUE-60GX	0.65 meters	JRC	JUE-60GX	
	29500.0000 - 30000.0000 MHz		6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz		600KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz		5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz		2M70G1W	50.50 dBW	Modulation and Services Digital Data Signalling
	29100.0000 - 29500.0000 MHz		600KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz		6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz		5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
	29100.0000 - 29500.0000 MHz		2M70G1W	50.50 dBW	Modulation and Services Digital Data Signalling
	19700.0000 - 20200.0000 MHz		32M0G7W		Modulation and Services Digital Data Signalling
	19300.0000 - 19700.0000 MHz		32M0G7W		Modulation and Services Digital Data Signalling

SITE ID: RMT5
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	INT GX100	1.03 meters	INTELLIAN	GX100	
	29500.0000 - 30000.0000 MHz		6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz		600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link

29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	1M79G1W	54.60 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	1M79G1W	54.60 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT12

LOCATION: MARITIME VESSELS/4000 UNITS ATLANTIC OCEAN, PACIFIC OCEAN, CONUS PR USVI

ANTENNA ID: INTGX100N	1.05 meters	INTELLIAN	GX100NX
29500.0000 - 30000.0000 MHz	1M79G1W	58.20 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	58.20 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	600KG7W	51.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	6M96G7W	58.20 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT13

LOCATION: MARITIME VESSELS/4000 UNITS ATLANTIC OCEAN, PACIFIC OCEAN, CONUS PR USVI

ANTENNA ID: JUE-100NX	1.05 meters	JRC	JUE-100NX
29500.0000 - 30000.0000 MHz	1M79G1W	58.20 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	5M00G12	58.20 dBW	Modulation and Services Digital Data Signalling

29500.0000 - 30000.0000 MHz	600KG7W	51.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	6M96G7W	58.20 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: RMT14
LOCATION: MARITIMEVESSELS/4000 UNITS ATLANTIC OCEAN, PACIFIC OCEAN, CONUS PR USVI

ANTENNA ID: INTGX60NX	0.65 meters	INTELLIAN	GX60NX
19700.0000 - 20200.0000 MHz	320MG7W		Various Modulations up to 32APSK; Digital Data Link

Points of Communication:

- RMT1 - INMARSAT 5F2 - (55.0 W.L.)
- RMT1 - INMARSAT 5F3 - (179.6 E.L.)
- RMT10 - INMARSAT 5F2 - (55.0 W.L.)
- RMT10 - INMARSAT 5F3 - (179.6 E.L.)
- RMT11 - INMARSAT 5F2 - (55.0 W.L.)
- RMT11 - INMARSAT 5F3 - (179.6 E.L.)
- RMT12 - INMARSAT 5F2 - (55.0 W.L.)
- RMT12 - INMARSAT 5F3 - (179.6 E.L.)
- RMT13 - INMARSAT 5F2 - (55.0 W.L.)
- RMT13 - INMARSAT 5F3 - (179.6 E.L.)
- RMT14 - INMARSAT 5F2 - (55.0 W.L.)
- RMT14 - INMARSAT 5F3 - (179.6 E.L.)
- RMT2 - INMARSAT 5F2 - (55.0 W.L.)
- RMT2 - INMARSAT 5F3 - (179.6 E.L.)
- RMT3 - INMARSAT 5F2 - (55.0 W.L.)
- RMT3 - INMARSAT 5F3 - (179.6 E.L.)
- RMT4 - INMARSAT 5F2 - (55.0 W.L.)
- RMT4 - INMARSAT 5F3 - (179.6 E.L.)
- RMT5 - INMARSAT 5F2 - (55.0 W.L.)
- RMT5 - INMARSAT 5F3 - (179.6 E.L.)

RMT6 - INMARSAT 5F2 - (55.0 W.L.)

RMT6 - INMARSAT 5F3 - (179.6 E.L.)

RMT7 - INMARSAT 5F2 - (55.0 W.L.)

RMT7 - INMARSAT 5F3 - (179.6 E.L.)

RMT8 - INMARSAT 5F2 - (55.0 W.L.)

RMT8 - INMARSAT 5F3 - (179.6 E.L.)

RMT9 - INMARSAT 5F2 - (55.0 W.L.)

RMT9 - INMARSAT 5F3 - (179.6 E.L.)

SES-MOD-20220221-00198 E E150097 ISAT US Inc.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

ISAT US Inc. requests modification of its temporary-fixed earth station to add five new terminal types with up to 4000 antennas to communicate with the current licensed points of communications on the current licensed center frequencies.

SITE ID: 1

LOCATION: TF1, TF1A terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 1	0.75 meters	Cobham SATCOM	3075
	29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	3M32G7W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
ANTENNA ID:	TF 1	0.75 meters	Cobham SATCOM	5075
	29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	3M32G7W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	TF 1A	0.75 meters	COBHAM SATCOM	EXPLORER6075LX	
	29500.0000 - 30000.0000 MHz		5M00G1W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		3M32G7W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz		32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 2
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	TF 2	1 meters	Cobham SATCOM	7100	
	29500.0000 - 30000.0000 MHz		460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		5M00G1W	54.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		4M18G7W	54.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz		32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 3
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 3	0.85 meters	L3	Cheetah II	
	29500.0000 - 30000.0000 MHz		460KG7W	44.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		5M00G1W	53.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		3M99G7W	53.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz		32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 5
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 5	0.69 meters	Paradigm/SWT	Connect 70	
	29500.0000 - 30000.0000 MHz		460KG7W	43.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

29500.0000 - 30000.0000 MHz	5M00G1W	51.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M24G7W	51.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 6
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 6	0.65 meters	SWT	Atom 65GX/01
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M40G7W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF 6	0.65 meters	SWT	Atom 65AAGX/01
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M40G7W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 7
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 7A	0.934 meters	Paradigm/SWT	Connect 100
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	TF 7	0.934 meters	Paradigm/SWT	Connect 100T
	29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	Fixed 7B	0.934 meters	Paradigm/SWT	SKY98GX/01
	29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 8
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 8A	1.8 meters	Paradigm/SWT	Connect 180
	29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	2M51G7W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	Fixed 8B	1.8 meters	Paradigm/SWT	SKY180GX/01
	29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	2M51G7W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
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SITE ID: 13
LOCATION: 1000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 13	1 meters	COBHAM	EXPLORER8100GX
29500.0000 - 30000.0000 MHz	1M87G7W	55.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	953KG7W	52.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 14
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Tampa65	0.65 meters	TAMPA MICROWAVE	TAMPA65
29500.0000 - 30000.0000 MHz	460KG7W	49.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	49.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 15
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Tampa95	0.95 meters	TAMPA MICROWAVE	TAMPA95
29500.0000 - 30000.0000 MHz	460KG7W	52.61 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	52.61 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 16
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Tampa130	1.3 meters	TAMPA MICROWAVE	TAMPA130
29500.0000 - 30000.0000 MHz	460KG7W	57.29 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	57.29 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link
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SITE ID: 9

LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 9	0.89 meters	SKYWARE TECHNOLOGIES	ATOM 99
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29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	4M18G7W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link
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ANTENNA ID: TF 9	0.89 meters	SYKYWARE TECHNOLOGIES	ATOM 99
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29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	4M18G7W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link
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SITE ID: 4

LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 4	1.2 meters	L3	Hawkeye III Lite
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29500.0000 - 30000.0000 MHz	460KG7W	46.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	5M00G1W	56.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	4M18G7W	56.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
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SITE ID: 10

LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 10	0.75 meters	DATA PATH	QCT90GX
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29500.0000 - 30000.0000 MHz	1M54G7W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF10 0.75 meters DATA PATH QCT90GX

29500.0000 - 30000.0000 MHz	1M54G7W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 11
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 11 1 meters DATA PATH CCT120GX

29500.0000 - 30000.0000 MHz	1M52G7W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF11 1 meters DATA PATH CCT120GX

29500.0000 - 30000.0000 MHz	1M52G7W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 12
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 12	0.45 meters	PARADIGM	SWARM45
	29500.0000 - 30000.0000 MHz	1M21G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	2M42G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	TF12	0.45 meters	PARADIGN	SWARM-45
	29500.0000 - 30000.0000 MHz	1M21G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	2M42G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 17
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Panther60	0.6 meters	L3--GCS	PANTHERII60
	29500.0000 - 30000.0000 MHz	460KG7W	54.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	54.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 18
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Panther96	0.96 meters	LC-GCS	PANTERII96
	29500.0000 - 30000.0000 MHz	46K0KG7W	52.61 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	52.61 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 19
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	MilliSat-W	0.5 meters	GETSAT	MILISAT-W	
	29500.0000 - 30000.0000 MHz		5M00G1W	48.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	19700.0000 - 20200.0000 MHz		33M0G7W		Various modulation up to 32 APSK Digital Data Link
	29500.0000 - 30000.0000 MHz		46K0G7W	48.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling

SITE ID: 20
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	MilliSat-H	0.27 meters	GETSAT	MILLISAT-H	
	29500.0000 - 30000.0000 MHz		46K0G7W	48.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	29500.0000 - 30000.0000 MHz		5M00G1W	48.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	19700.0000 - 20200.0000 MHz		32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 21
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	MicroSat	0.248 meters	GETSAT	MICROSAT	
	29500.0000 - 30000.0000 MHz		46K0G7W	46.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	29500.0000 - 30000.0000 MHz		5M00G1W	46.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	19700.0000 - 20200.0000 MHz		32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 22
LOCATION: 1000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	TF13	0.51 meters	L3HARRIS	DARKWING	
	29500.0000 - 30000.0000 MHz		3M32G7W	47.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	29500.0000 - 30000.0000 MHz		460KG7W	38.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	29500.0000 - 30000.0000 MHz		5M00G1W	47.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	19700.0000 - 20200.0000 MHz		32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 23
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	TF14	0.6 meters	GIGASAT	ULV-950MP
	29500.0000 - 30000.0000 MHz	460KG7W	44.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	29500.0000 - 30000.0000 MHz	5M00G1W	52.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 24
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	TF15	1 meters	PARADIGM	HORNET100GX
	29500.0000 - 30000.0000 MHz	460KG7W	57.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	29500.0000 - 30000.0000 MHz	5M00G1W	57.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 25
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	TF16	0.48 meters	EM SOLUTIONS	TAIPAN
	29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	29500.0000 - 30000.0000 MHz	5M00G1W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 26
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	TF17	1.35 meters	COMTECH	RECON1.3
	29500.0000 - 30000.0000 MHz	460KG7W	57.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	29500.0000 - 30000.0000 MHz	5M00G1W	57.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

Points of Communication:

- 1 - INMARSAT 5F2 - (55.0 W.L.)
- 1 - INMARSAT 5F3 - (179.6 E.L.)
- 10 - INMARSAT 5F2 - (55.0 W.L.)
- 10 - INMARSAT 5F3 - (179.6 E.L.)
- 11 - INMARSAT 5F2 - (55.0 W.L.)
- 11 - INMARSAT 5F3 - (179.6 E.L.)
- 12 - INMARSAT 5F2 - (55.0 W.L.)
- 12 - INMARSAT 5F3 - (179.6 E.L.)
- 13 - INMARSAT 5F2 - (55.0 W.L.)
- 13 - INMARSAT 5F3 - (179.6 E.L.)
- 14 - INMARSAT 5F2 - (55.0 W.L.)
- 14 - INMARSAT 5F3 - (179.6 E.L.)
- 15 - INMARSAT 5F2 - (55.0 W.L.)
- 15 - INMARSAT 5F3 - (179.6 E.L.)
- 16 - INMARSAT 5F2 - (55.0 W.L.)
- 16 - INMARSAT 5F3 - (179.6 E.L.)
- 17 - INMARSAT 5F2 - (55.0 W.L.)
- 17 - INMARSAT 5F3 - (179.6 E.L.)
- 18 - INMARSAT 5F2 - (55.0 W.L.)
- 18 - INMARSAT 5F3 - (179.6 E.L.)
- 19 - INMARSAT 5F2 - (55.0 W.L.)
- 19 - INMARSAT 5F3 - (179.6 E.L.)
- 2 - INMARSAT 5F2 - (55.0 W.L.)
- 2 - INMARSAT 5F3 - (179.6 E.L.)
- 20 - INMARSAT 5F2 - (55.0 W.L.)
- 20 - INMARSAT 5F3 - (179.6 E.L.)
- 21 - INMARSAT 5F2 - (55.0 W.L.)
- 21 - INMARSAT 5F3 - (179.6 E.L.)

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- 22 - INMARSAT 5F2 - (55.0 W.L.)
 - 22 - INMARSAT 5F3 - (179.6 E.L.)
 - 23 - INMARSAT 5F2 - (55.0 W.L.)
 - 23 - INMARSAT 5F3 - (179.6 E.L.)
 - 24 - INMARSAT 5F2 - (55.0 W.L.)
 - 24 - INMARSAT 5F3 - (179.6 E.L.)
 - 25 - INMARSAT 5F2 - (55.0 W.L.)
 - 25 - INMARSAT 5F3 - (179.6 E.L.)
 - 26 - INMARSAT 5F2 - (55.0 W.L.)
 - 26 - INMARSAT 5F3 - (179.6 E.L.)
 - 3 - INMARSAT 5F2 - (55.0 W.L.)
 - 3 - INMARSAT 5F3 - (179.6 E.L.)
 - 4 - INMARSAT 5F2 - (55.0 W.L.)
 - 4 - INMARSAT 5F3 - (179.6 E.L.)
 - 5 - INMARSAT 5F2 - (55.0 W.L.)
 - 5 - INMARSAT 5F3 - (179.6 E.L.)
 - 6 - INMARSAT 5F2 - (55.0 W.L.)
 - 6 - INMARSAT 5F3 - (179.6 E.L.)
 - 7 - INMARSAT 5F2 - (55.0 W.L.)
 - 7 - INMARSAT 5F3 - (179.6 E.L.)
 - 8 - INMARSAT 5F2 - (55.0 W.L.)
 - 8 - INMARSAT 5F3 - (179.6 E.L.)
 - 9 - INMARSAT 5F2 - (55.0 W.L.)
 - 9 - INMARSAT 5F3 - (179.6 E.L.)
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SES-MOD-20220526-00593 E E170143 SES Americom, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SES Americom, Inc. requests modification of its fixed earth station in Laredo, TX to communicate with the Permitted List satellites in the 29300-29500 MHz (Earth-to-space), and 17800-18550 MHz, 19300-19400 MHz and 19600-19700 MHz (space-to-Earth) frequency bands.

SITE ID: LAR-TX-KA1
 LOCATION: 13619 Cabezut, Laredo, TX
 27 ° 41 ' 25.70 " N LAT.

99 ° 26 ' 59.00 " W LONG.

ANTENNA ID:	LAR-TX-KA1	6.3 meters	GD Satcom	6.3m Ka	
		29500.0000 - 30000.0000 MHz	N0N	42.30 dBW	Digital Data
		29500.0000 - 30000.0000 MHz	250MG7W	89.75 dBW	Digital data
		29500.0000 - 30000.0000 MHz	201MG7W	89.75 dBW	Digital data
		29500.0000 - 30000.0000 MHz	100KG7W	56.73 dBW	Digital Data
		28350.0000 - 28600.0000 MHz	N0N	42.30 dBW	CW
		28350.0000 - 28600.0000 MHz	250MG7W	89.38 dBW	Digital Data
		28350.0000 - 28600.0000 MHz	201MG7W	89.38 dBW	Digital Data
		28350.0000 - 28600.0000 MHz	100KG7W	56.36 dBW	Digital Data
		19700.0000 - 20200.0000 MHz	250MG7W		Digital data
		19700.0000 - 20200.0000 MHz	N0N		Digital Data
		19700.0000 - 20200.0000 MHz	201MG7W		Digital data
		19700.0000 - 20200.0000 MHz	100KG7W		Digital data
		18550.0000 - 18800.0000 MHz	N0N		CW
		18550.0000 - 18800.0000 MHz	250MG7W		Digital data
		18550.0000 - 18800.0000 MHz	201MG7W		Digital data
		18550.0000 - 18800.0000 MHz	100KG7W		Digital Data
		29300.0000 - 29500.0000 MHz	N0N	42.30 dBW	CW
		29300.0000 - 29500.0000 MHz	100KG7W	56.36 dBW	Digital data
		29300.0000 - 29500.0000 MHz	183MG7W	89.38 dBW	Digital data
		29300.0000 - 29500.0000 MHz	91M0G7W	86.80 dBW	Digital data
		17800.0000 - 18300.0000 MHz	N0N		CW
		18300.0000 - 18550.0000 MHz	N0N		CW
		19300.0000 - 19400.0000 MHz	N0N		CW

19600.0000 - 19700.0000 MHz	N0N	CW
17800.0000 - 18300.0000 MHz	100KG7W	Digital data
17800.0000 - 18300.0000 MHz	201MG7W	Digital data
17800.0000 - 18300.0000 MHz	250MG7W	Digital data
18300.0000 - 18550.0000 MHz	100KG7W	Digital data
18300.0000 - 18550.0000 MHz	150MG7W	Digital data
18300.0000 - 18550.0000 MHz	225MG7W	Digital data
19300.0000 - 19400.0000 MHz	100KG7W	Digital data
19300.0000 - 19400.0000 MHz	36M0G7W	Digital data
19300.0000 - 19400.0000 MHz	72M0G7W	Digital data
19600.0000 - 19700.0000 MHz	100KG7W	Digital data
19600.0000 - 19700.0000 MHz	36M0G7W	Digital data
19600.0000 - 19700.0000 MHz	72M0G7W	Digital data

Points of Communication:

LAR-TX-KA1 - PERMITTED LIST - ()

SES-MOD-20220609-00629 E E960132 Iridium Satellite LLC

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Iridium Satellite LLC, request modification to add an additional handheld mobile earth terminal Parameters to its existing mobile earth station license, and for Item E46 of Sch B Polarization is Linear and RHCP.

SITE ID: METS

LOCATION: (200,000) Handheld Operating in the US&P, Mobile

ANTENNA ID:	Handheld	0 meters	MOTOROLA (200,000)	TIME DOMAIN DUPLEX
	1618.7250 - 1626.5000 MHz		41K7Q7W	DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	11.95 dBW
				DQPSK

SITE ID: OpenPort

LOCATION: (0.525 M.) 50,000 units, Mobile

ANTENNA ID:	OpenPort	0.525 meters	CELESTICA	AT7521-2-A
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1618.7250 - 1626.5000 MHz	667KQ7W	9.40 dBW	FDMA/TDMA/TDD
1618.7250 - 1618.7250 MHz	667KQ7W		FDMA/TDMA/TDD

SITE ID: LiveTV
LOCATION: 0.407M. 50,000 units (LiveTV), Mobile

ANTENNA ID: LiveTV	0.407 meters	LiveTV	LV16-100301-101
1618.7250 - 1626.5000 MHz	667KQ7W	6.40 dBW	FDMA/TDMA/TDD
1618.7250 - 1626.5000 MHz	667KQ7W		FDMA/TDMA/TDD

SITE ID: AMS(R)S
LOCATION: 20,000 AMS(R)S terminals Operating aboard aircraft, Fairfax, McLean, VA

ANTENNA ID: AMS(R)S-1		Aero Antenna	AT1621-23 Dual Patch
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK

ANTENNA ID: AMS(R)S-2	0.089 meters	Aero Antenna	AT2775-110 Single Pa
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W	8.00 dBW	Voice and Data; DQPSK

ANTENNA ID: AMS(R)S-3	0.089 meters	Sensor Systems	S67-1575-409 Single
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK

ANTENNA ID: AMS(R)S-6	0.21 meters	Sensor Systems	S67-1575-160 Single
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK

ANTENNA ID: AMS(R)S-4	0.21 meters	Sensor Systems	S67-1575-365 Dual Pa
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK

ANTENNA ID: AMS(R)S-5	0.21 meters	Sensor Systems	S67-1575-168 Single
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W	6.00 dBW	Voice and Data; DQPSK

ANTENNA ID:	AMS(R)S-7	0.089 meters	Cobham	Comant CI 490-1 Sing	
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK	
	1618.7250 - 1626.5000 MHz		41K7Q7W	9.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-8	0.001 meters	Antcom	S4IR16RR-P-XX-X Sing	
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK	
	1618.7250 - 1626.5000 MHz		41K7Q7W	8.50 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-9	0.102 meters	Antcom	S5GIR121RR-AP-XTN Si	
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK	
	1618.7250 - 1626.5000 MHz		41K7Q7W	8.50 dBW	Voice and Data; DQPSK

SITE ID: Iridium Certus
LOCATION: 1750 Tysons Boulevard, Suite 1400 0.312M. 50,000 units, Fairfax, McLean, VA

ANTENNA ID:	Aero 1-T	0.312 meters	Thales	General Aviation	
	1618.7250 - 1626.5000 MHz		333KQ7W	21.20 dBW	16 QPSK Voice & Digital
	1618.7250 - 1626.5000 MHz		83K3Q7W	14.50 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		41K7Q7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		41K7Q7W	11.70 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		333KQ7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		333KQ7W		16 QPSK Voice & Digital
	1618.7250 - 1626.5000 MHz		83K3Q7W		QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		41K7Q7W		QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		333KQ7W		QPSK Voice & Data
ANTENNA ID:	Aero 2-T	0.312 meters	Thales	AMS(R)S	
	1618.7250 - 1626.5000 MHz		333KQ7W	21.20 dBW	16 QPSK Voice & Digital
	1618.7250 - 1626.5000 MHz		83K3Q7W	14.50 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		41K7Q7W	14.30 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		41K7Q7W	11.70 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		333KQ7W	14.30 dBW	QPSK Voice & Data

1618.7250 - 1626.5000 MHz		333KQ7W		16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		QPSK Voice & Data
ANTENNA ID:	Maritime	0.312 meters	Various	Various
1618.7250 - 1626.5000 MHz		333KQ7W	21.20 dBW	16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		QPSK Voice & Data
ANTENNA ID:	LandMobile	0.312 meters	Various	Various
1618.7250 - 1626.5000 MHz		333KQ7W	21.20 dBW	16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz		41K7Q7W	14.30 dBW	QPSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		QPSK Voice & Data
ANTENNA ID:	Aero I-C	0.312 meters	Cobham	General Aviation
1618.7250 - 1626.5000 MHz		333KQ7W	21.20 dBW	16 QPSK Voice & Digital

1618.7250 - 1626.5000 MHz	41K7Q7W		DPSK
SITE ID: OpenPort			
LOCATION: (0.525 M.) 50,000 units, Mobile			
ANTENNA ID: OpenPort1	0.525 meters	CELESTICA	AT7521-2-A
1618.7250 - 1626.5000 MHz	667KQ7W		FDMA/TDMA/TDD
1618.7250 - 1626.5000 MHz	667KQ7W	9.40 dBW	FDMA/TDMA/TDD
SITE ID: LiveTV			
LOCATION: 0.407M. 50,000 units (LiveTV), Mobile			
ANTENNA ID: LIVETV	0.407 meters	LIVETV	LV16-100301-101
1618.7250 - 1626.5000 MHz	667KQ7W	6.40 dBW	FDMA/TDMA/TDD
1618.7250 - 1626.5000 MHz	667KQ7W		FDMA/TDMA/TDD
SITE ID: AMS(R)S			
LOCATION: 20,000 AMS(R)S terminals Operating aboard aircraft, Fairfax, McLean, VA			
ANTENNA ID: AMS(R)S-1	0.21 meters	Aero Antenna	AT1621-23 Dual Patch
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-2	0.089 meters	Aero Antenna	AT2775-110 Single Pa
1618.7250 - 1626.5000 MHz	41K7Q7W	8.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-3	0.089 meters	Sensor Systems	S67-1575-409 Single
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-4	0.21 meters	Sensor Systems	S67-1575-365 Dual Pa
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-5	0.21 meters	Sensor Systems	S67-1575-168 Singl
1618.7250 - 1626.5000 MHz	41K7Q7W	6.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK

ANTENNA ID:	AMS(R)S-6	0.21 meters	Sensor Systems	S67-1575-160 Single
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-7	0.089 meters	Cobham	Comant CI 490-1 Sing
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-8	0.001 meters	Antcom	S4IR16RR-P-XX-X Sing
	1618.7250 - 1626.5000 MHz		41K7Q7W 8.50 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-9	0.102 meters	Antcom	S5GIR121RR-AP-XTN Si
	1618.7250 - 1626.5000 MHz		41K7Q7W 8.50 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK

SITE ID: Iridium Certus
LOCATION: 1750 Tysons Boulevard, Suite 1400 0.312M. 50,000 units, Fairfax, McLean, VA

ANTENNA ID:	Aero 1-T	0.312 meters	Thales	General Aviation
	1618.7250 - 1626.5000 MHz		333KQ7W 21.20 dBW	16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz		83K3Q7W 14.50 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		41K7Q7W 14.30 dBW	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		41K7Q7W 11.70 dBW	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		333KQ7W 14.30 dBW	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		333KQ7W	16 APSK Voice & Digital
	1618.7250 - 1618.7250 MHz		83K3Q7W	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		41K7Q7W	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		333KQ7W	QPSK Voice & Data
ANTENNA ID:	Aero 2-T	0.312 meters	Thales	AMS(R)S
	1618.7250 - 1626.5000 MHz		333KQ7W 21.20 dBW	16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz		83K3Q7W 14.50 dBW	QPSK Voice & Data

1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Aero 1-C	0.312 meters	Cobham	General Aviation
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Maritime	0.312 meters	Various	Various
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data

1618.7250 - 1626.5000 MHz		333KQ7W		QPSK Voice & Data
ANTENNA ID:	LandMobile	0.312 meters	Various	Various
1618.7250 - 1626.5000 MHz		333KQ7W	21.20 dBW	16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		QPSK Voice & Data

SITE ID: METS2

LOCATION: 1750 Tysons Boulevard, Suite 1400 Various 50,000 units, handheld, Fairfax, McLean, VA

ANTENNA ID:	Handheld2		Various	Various
1618.7250 - 1626.5000 MHz		41K7Q7W	9.00 dBW	DQPSK,, Data
1618.7250 - 1626.5000 MHz		41K7Q7W		DQPSK,, Data

Points of Communication:

AMS(R)S - IRIDIUM CONSTELLATIO - (NGSO)

Iridium Certus - IRIDIUM CONSTELLATIO - (NGSO)

LiveTV - IRIDIUM (S2110) - (NGSO)

METS - IRIDIUM (S2110) - (NGSO)

METS2 - IRIDIUM CONSTELLATIO - (NGSO)

OpenPort - IRIDIUM (S2110) - (NGSO)

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.