



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01720

Wednesday January 28, 2015

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-AMD-20140715-00601 E E140029 ISAT US Inc.

Amendment

Class of Station: Fixed Land-based Ship Earth Station

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-LIC-20140224-00098 for a full description of the application.

SITE ID: REMOTE 1

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

ANTENNA ID:	Remote 1	1 meters	Cobham-Sea Tel	4012GX
	29500.0000 - 30000.0000 MHz	2M70G1W	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
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 2

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

ANTENNA ID:	Remote 2	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
	19700.0000 - 20200.0000 MHz		32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 3
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

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
	19700.0000 - 20200.0000 MHz		32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 4
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

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

19700.0000 - 20200.0000 MHz

32M0G7W

Modulation and Services Digital Data Signalling

Points of Communication:

REMOTE 1 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 2 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 3 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 4 - INMARSAT 5F2 - (55.0 W.L.)

SES-LIC-20140224-00098 E E140029 ISAT US Inc.

Application for Authority

Class of Station: Fixed Land-based Ship Earth Station

Nature of Service: Fixed Satellite Service

ISAT US, Inc. requests authority to operate earth stations aboard U.S.-registered maritime vessels to communicate with the U.K.-licensed Inmarsat-5 F2 geostationary orbit space station at the 55° W.L. orbital location. ISAT requests a blanket license to operate up to 16,000 earth stations on U.S.-registered vessels in U.S. territorial waters, including inland waterways, and in international waters. ISAT states the earth stations will transmit in the 29.5-30.0 GHz frequency band, and receive in the 19.7-20.2 GHz frequency band. ISAT proposes to operate on a non-conforming basis when the vessels are in motion and on a primary basis when the vessels are stationary. ISAT requests waivers of Sections 2.106 and 25.138 of the Commission's rules, and the Ka-band Frequency Plan. Also, in this application, ISAT explains that it also intends to use its earth stations on non-U.S.-registered maritime vessels in waters adjacent to the United States utilizing the same technical characteristics and operating parameters as described above. As a result, ISAT also seeks a waiver of the Ka-band Plan and Section 2.106 of the Commission's rules, with respect to its operations on non-U.S.-registered maritime vessels.

SITE ID: REMOTE 1

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

ANTENNA ID:	Remote 1	1 meters	Cobham-Sea Tel	4012GX
	29500.0000 - 30000.0000 MHz	600KG7W	46.50 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	6M96G7W	54.10 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
	29500.0000 - 30000.0000 MHz	5M00G1W	54.10 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz	2M70G1W	54.10 dBW	Modulation and Services Digital Data Signalling

SITE ID: REMOTE 2

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

ANTENNA ID:	Remote 2	0.65 meters	Cobham-Sea Tel	GX60
	29500.0000 - 30000.0000 MHz	600KG7W	43.30 dBW	Various Modulations up to 32APSK; Digital Data Link

29500.0000 - 30000.0000 MHz	6M96G7W	50.30 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
29500.0000 - 30000.0000 MHz	5M00G1W	50.30 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	2M70G1W	50.30 dBW	Modulation and Services Digital Data Signalling

SITE ID: REMOTE 3

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

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
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 4

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

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
19700.0000 - 20200.0000 MHz	32M0G7W		Modulation and Services Digital Data Signalling

Points of Communication:

REMOTE 1 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 2 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 3 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 4 - INMARSAT 5F2 - (55.0 W.L.)

SES-LIC-20141208-00885 E E140126 Midwest Information Systems, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2501 13th Avenue, South Suite 201, Cass, Fargo, ND
46 ° 51 ' 43.30 " N LAT. 96 ° 49 ' 14.20 " W LONG.

ANTENNA ID:	1	3.8 meters	General Dynamics	1385
	3700.0000 - 4200.0000 MHz	200KG7W		Digital modulation of media content at varying data rates and FEC
	5925.0000 - 6165.0000 MHz	200KG7W	48.79 dBW	Digital modulation of media content at varying data rates and FEC
	6215.0000 - 6235.0000 MHz	200KG7W	48.79 dBW	Digital modulation of media content at varying data rates and FEC
	6275.0000 - 6295.0000 MHz	200KG7W	48.79 dBW	Digital modulation of media content at varying data rates and FEC
	6335.0000 - 6355.0000 MHz	200KG7W	48.79 dBW	Digital modulation of media content at varying data rates and FEC
	6395.0000 - 6425.0000 MHz	200KG7W	48.79 dBW	Digital modulation of media content at varying data rates and FEC

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20150120-00021 E E150004 Planet Labs Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

SITE ID: Maddock

LOCATION: 5190 30th St. NE, Benson, Maddock, ND
47 ° 50 ' 38.70 " N LAT. 99 ° 28 ' 10.40 " W LONG.

ANTENNA ID:	UHF_UL	2.7 meters	M2 Inc.	450CP34
	449.9700 - 450.0300 MHz	60K0F1D	25.48 dBW	Digital: TT&C, GFSK

ANTENNA ID:	UHF_DL	2.7 meters	M2 Inc.	400CP30
	401.2700 - 401.3300 MHz		60K0F1D	0.00 dBW
				Digital: TT&C, GFSK
ANTENNA ID:	S/X-BAND	5 meters	CGC	350SX(R)
	2055.3450 - 2056.6550 MHz		1M31F1D	54.80 dBW
				Digital/Telecommand
	8025.0000 - 8400.0000 MHz		66M8G1D	0.00 dBW
				Digital/Data Downlink

Points of Communication:

Maddock - Planet Labs (S2912) - (NGSO)

SES-LIC-20150121-00022 E E150005 Planet Labs Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

SITE ID: MAUI-1

LOCATION: 188 Hanalani St., Maui County, Makawao, HI

20 ° 50 ' 5.87 " N LAT.

156 ° 20 ' 39.73 " W LONG.

ANTENNA ID:	UHF_DL	2.7 meters	M2 Inc.	400CP30
	401.2700 - 401.3300 MHz		60K0F1D	0.00 dBW
				Digital: TT&C, GFSK
ANTENNA ID:	UHF_UL	2.7 meters	M2 Inc.	450CP34
	449.9700 - 450.0300 MHz		60K0F1D	25.48 dBW
				Digital: TT&C, GFSK

Points of Communication:

MAUI-1 - Planet Labs (S2912) - (NGSO)

SES-LIC-20150122-00020 E E150003 Pathway Christian Academy, Inc.

EZ

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: PCA-1

LOCATION: 1302 South George St, Wayne, Goldsboro, NC

35 ° 21 ' 47.10 " N LAT.

70 ° 0 ' 31.63 " W LONG.

ANTENNA ID:	PCA-1	2.4 meters	Skyware Global	62-2435611
	11700.0000 - 12200.0000 MHz		112KG1W	QPSK, 1/2 FEC Digital SCPC
	14000.0000 - 14500.0000 MHz		112KG1W	56.98 dBW
				QPSK, 1/2 FEC Digital SCPC

Points of Communication:

PCA-1 - PERMITTED LIST - ()

SES-MFS-20141212-00891 E KA258 Intelsat License LLC

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Intelsat License LLC requests modification of its fixed earth station In Hagerstown, MD, to increase the EIRP and to communicate with the Intelsat 30 and Intelsat 31 satellites at the 95.05° W.L. orbital location using the following center frequencies: 13750-14000 MHz (Earth-to-space), and 10950-11200 MHz (space-to-Earth).

SITE ID: MTN-K91

LOCATION: 17625 TECHNOLOGY BLVD, WASHINGTON, HAGERSTOWN, MD

39 ° 35 ' 54.60 " N LAT.

77 ° 45 ' 33.00 " W LONG.

ANTENNA ID:	1	14.2 meters	TIW	14.2 METER
	14000.0000 - 14500.0000 MHz	NON	51.10 dBW	IOT
	13750.0000 - 13770.0000 MHz	850KF9D	87.00 dBW	TT&C
	13778.0000 - 14000.0000 MHz	850KF9D	87.00 dBW	TT&C
	14000.0000 - 14500.0000 MHz	2M00F9D	78.10 dBW	TT&C
	14000.0000 - 14500.0000 MHz	400KF9D	71.10 dBW	TT&C
	17300.0000 - 17800.0000 MHz	2M00F2D	83.30 dBW	TT&C
	14000.0000 - 14500.0000 MHz	56K0G7W	62.60 dBW	DIGITAL DATA, VOICE AND VIDEO SERVICE
	14000.0000 - 14500.0000 MHz	72M0G7W	88.00 dBW	DIGITAL DATA, VOICE AND VIDEO SERVICE
	10950.0000 - 11200.0000 MHz	NON	0.00 dBW	IOT
	11450.0000 - 12200.0000 MHz	NON	0.00 dBW	IOT
	10950.0000 - 11200.0000 MHz	800KG9D	0.00 dBW	TT&C
	10950.0000 - 11200.0000 MHz	800KF9D	0.00 dBW	TT&C
	11450.0000 - 12200.0000 MHz	800KF9D		TT&C
	11450.0000 - 12200.0000 MHz	800KG9D		TT&C
	12200.0000 - 12700.0000 MHz	2M00F2D		TT&C
	12200.0000 - 12700.0000 MHz	400KF2D		TT&C

10950.0000 - 11200.0000 MHz	2M00F3N		DATA, VOICE AND VIDEO SERVICE
11450.0000 - 12200.0000 MHz	200KF3N		DATA, VOICE AND VIDEO SERVICE
11450.0000 - 12200.0000 MHz	2M00F3N		DATA, VOICE AND VIDEO SERVICE
10950.0000 - 11200.0000 MHz	200KF3N		DIGITAL DATA, VOICE AND VIDEO SERVICE
11700.0000 - 12200.0000 MHz	56K0G7W		DIGITAL DATA, VOICE AND VIDEO SERVICE
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL DATA, VOICE AND VIDEO SERVICE
17300.0000 - 17800.0000 MHz	400KF2D	76.30 dBW	TT&C
13246.5000 - 13246.5000 MHz	850KF2D	87.00 dBW	TT&C

Points of Communication:

MTN-K91 - INTELSAT 11 - (43.0 W.L.)

MTN-K91 - Intelsat 16 - (58 W.L.)

MTN-K91 - INTELSAT 30 - (95.05)

MTN-K91 - INTELSAT 31 - (95.05)

MTN-K91 - PAS-1R - (45.0 W.L.)

MTN-K91 - PERMITTED LIST - ()

SES-MOD-20141202-00879 E E040445 AMC Networks Broadcasting and Technology LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

AMC Networks Broadcasting and Technology LLC requests modification of its fixed earth station in Bethpage, NY, to modify Antenna ID "18" to operate with the satellites listed in the Permitted List in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: Bethpage

LOCATION: 620 HICKSVILLE ROAD, NASSAU, BETHPAGE, NY

40 ° 44 ' 39.10 " N LAT.

73 ° 29 ' 37.90 " W LONG.

ANTENNA ID: 18	9.3 meters	VERTEX CORPORATION	9.3 METER
5925.0000 - 6038.0000 MHz	36M0F8F	78.00 dBW	ANALOG VIDEO CARRIER
6088.0000 - 6425.0000 MHz	36M0F8F	78.00 dBW	ANALOG VIDEO CARRIER
5925.0000 - 6038.0000 MHz	36M0G7F	80.80 dBW	DIGITAL VIDEO CARRIER

6088.0000 - 6425.0000 MHz	36M0G7F	80.80 dBW	DIGITAL VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO CARRIER
ANTENNA ID: 19,20	9.3 meters	VERTEX CORPORATION	9.3 KPC
14000.0000 - 14500.0000 MHz	36M0F3F	85.07 dBW	ANALOG VIDEO CARRIER
14000.0000 - 14500.0000 MHz	36M0G7F	75.00 dBW	DIGITAL COMPRESSED VIDEO CARRIER
14000.0000 - 14500.0000 MHz	36M0F3F	85.10 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0F3F	83.60 dBW	ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO CARRIER
11700.0000 - 12200.0000 MHz	36M0G7F		DIGITAL COMPRESSED VIDEO CARRIER
11450.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO
11450.0000 - 12200.0000 MHz	36M0G7F		DIGITAL COMPRESSED VIDEO CARRIER
10950.0000 - 11200.0000 MHz	36M0F3F		ANALOG VIDEO
10950.0000 - 11200.0000 MHz	36M0G7F		DIGITAL VIDEO

Points of Communication:

Bethpage - PERMITTED LIST - ()

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 202-418-2555.