



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01983

Wednesday August 16, 2017

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-20170726-00809 E E170142 SES Americom, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3401 Technology Dr, Duluth, MN

46 ° 49 ' 37.64 " N LAT.

92 ° 7 ' 48.47 " W LONG.

ANTENNA ID:	1	6.3 meters	GD Satcom	6.3m Ka
	28350.0000 - 28600.0000 MHz	100KG7W	56.28 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	201MG7W	89.30 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	250MG7W	89.30 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	N0N	42.30 dBW	CW
	29500.0000 - 30000.0000 MHz	100KG7W	56.28 dBW	Digital Data
	29500.0000 - 30000.0000 MHz	201MG7W	89.30 dBW	Digital Data
	29500.0000 - 30000.0000 MHz	250MG7W	89.30 dBW	Digital data
	29500.0000 - 30000.0000 MHz	N0N	42.30 dBW	Digital data
	18550.0000 - 18800.0000 MHz	100KG7W		Digital Data

18550.0000 - 18800.0000 MHz	201MG7W	Digital Data
18550.0000 - 18800.0000 MHz	250MG7W	Digital data
18550.0000 - 18800.0000 MHz	N0N	CW
19700.0000 - 20200.0000 MHz	100KG7W	Digital data
19700.0000 - 20200.0000 MHz	201MG7W	Digital data
19700.0000 - 20200.0000 MHz	250MG7W	Digital data
19700.0000 - 20200.0000 MHz	N0N	CW

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20170726-00810 E E170143 SES Americom, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 13619 Cabezut, Laredo, TX

27 ° 41 ' 25.70 " N LAT.

99 ° 26 ' 59.02 " W LONG.

ANTENNA ID:	1	6.3 meters	GD Satcom	6.3m Ka
	28350.0000 - 28600.0000 MHz	100KG7W	56.36 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	201MG7W	89.38 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	250MG7W	89.38 dBW	Digital Data
	28350.0000 - 28600.0000 MHz	N0N	42.30 dBW	CW
	29500.0000 - 30000.0000 MHz	100KG7W	56.73 dBW	Digital Data
	29500.0000 - 30000.0000 MHz	201MG7W	89.75 dBW	Digital data
	29500.0000 - 30000.0000 MHz	250MG7W	89.75 dBW	Digital data
	29500.0000 - 30000.0000 MHz	N0N	42.30 dBW	Digital Data
	18550.0000 - 18800.0000 MHz	100KG7W		Digital Data
	18550.0000 - 18800.0000 MHz	201MG7W		Digital data
	18550.0000 - 18800.0000 MHz	250MG7W		Digital data

18550.0000 - 18800.0000 MHz	N0N	CW
19700.0000 - 20200.0000 MHz	100KG7W	Digital data
19700.0000 - 20200.0000 MHz	201MG7W	Digital data
19700.0000 - 20200.0000 MHz	N0N	Digital Data
19700.0000 - 20200.0000 MHz	250MG7W	Digital data

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20170804-00864 E E170148 Spire Global, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service

SITE ID: JNUGS2

LOCATION: 1050 Harbor Way, Juneau, AK

58 ° 18 ' 6.69 " N LAT.

134 ° 25 ' 35.06 " W LONG.

ANTENNA ID: UHF-1	1.85 meters	M2 Antenna Systems	401CP14
402.0000 - 403.0000 MHz	15K0F1D	31.50 dBW	Digital/TT&C Uplink
402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink
ANTENNA ID: SBAND-1	1.2 meters	ARA − Seavey	C1502−800
2020.0000 - 2025.0000 MHz	5M00M1DXN	0.00 dBW	Digital/Data Downlink

Points of Communication:

JNUGS2 - LEMUR NGSO (S2946) - (NGSO)

SES-LIC-20170804-00865 E E170149 Spire Global, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service

SITE ID: TUSGS

LOCATION: 1215 E Pennsylvania Street, Tuscon, AZ

32 ° 10 ' 20.28 " N LAT.

110 ° 57 ' 14.94 " W LONG.

ANTENNA ID: UHF-2	1.85 meters	Innov	405-18-R
402.0000 - 403.0000 MHz	15K0F1D	31.50 dBW	Digital/TT&C Uplink

402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Digital/Data Downlink and TT&C Downlink
ANTENNA ID: SBAND-2	1.2 meters	Elite	999001
2020.0000 - 2025.0000 MHz	5M00M1DXN	0.00 dBW	Digital/Data Downlink

Points of Communication:

TUSGS - LEMUR NGSO (S2946) - (NGSO)

SES-MFS-20170725-00793 E E120106 AC BidCo LLC

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service

AC BidCo LLC requests a modification of its blanket license to operate Ku-band earth stations aboard aircraft (ESAAs) with additional satellites as authorized points of communication. Specifically, AC BidCo requests that the Commission permit ESAA operations with: (1) AMC-4 (S2135) at 134.9° W.L. and AMC-6 (S2347) at 83° W.L. in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands on a primary basis, and in the 11.45-11.7 GHz (space-to-Earth) frequency band on an unprotected basis; (2) SES-10 (S2940) at 66.9° W.L. in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands on a primary basis, and in the 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth) frequency bands on an unprotected basis; and (3) Optus D2 satellite at 152° E.L. in the 12.25-12.75 GHz (space-to-Earth) frequency band on a nonconforming basis. AC BidCo requests a waiver of the U.S. Table of Allocations in Section 2.106 to permit ESAA operations with the Optus D2 satellite in the 12.25-12.75 GHz (space-to-Earth) frequency band.

SITE ID: AES1

LOCATION: UP TO 1000 ESAA TERMINALS (0.24 m), CONUS and OCONUS

ANTENNA ID: AES1	0.24 meters	AeroSat	HR6400
14000.0000 - 14500.0000 MHz	8M00G7D	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M94G7D	44.45 dBW	DIGITAL DATA SERVICES
11700.0000 - 12200.0000 MHz	30M0G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	30M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	30M0G7D		Digital Data Services
14000.0000 - 14500.0000 MHz	6M56G7D	44.43 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M00G7D	44.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M10G7D	42.80 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M34G7D	44.63 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M40G7D	43.89 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M50G7D	44.57 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M66G7D	44.55 dBW	DIGITAL DATA SERVICES

14000.0000 - 14500.0000 MHz	3M79G7D	44.48 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M89G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M90G7D	44.49 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M57G7D	44.53 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	882KG7D	44.56 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	9M36G7D	42.32 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	8M19G7D	43.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M10G7D	38.10 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M40G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M00G7W	44.33 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M20G7W	44.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M67G7W	42.74 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M75G7W	43.10 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M76G7W	43.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	830KG7W	42.40 dBW	DIGITAL DATA SERVICES
12200.0000 - 12750.0000 MHz	30M0G7D	0.00 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	6M35G7W	43.70 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	2M50G7W	44.25 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	2M30G7W	44.50 dBW	Digital Data Services
14000.0000 - 14250.0000 MHz	2M05G7W	42.67 dBW	Digital Data Services
11200.0000 - 11450.0000 MHz	30M0G7W		Digital Data Services

SITE ID: AES2

LOCATION: UP TO 1000 ESAA TERMINALS (0.74 m), CONUS and OCONUS

ANTENNA ID:	AES2	0.74 meters	THINKOM	2KUANTENNA
	14000.0000 - 14500.0000 MHz	7M28G7D	41.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	1M51G7D	44.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	1M80G7D	43.20 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	2M00G7D	43.90 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	2M00G7D	44.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	2M10G7D	44.20 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	2M27G7D	44.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	2M40G7D	44.50 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	3M00G7D	44.50 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	3M60G7D	44.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	4M10G7D	41.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	4M80G7D	44.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	5M60G7D	44.50 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	5M64G7D	40.70 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	5M83G7D	44.50 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	5M97G7D	43.10 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	6M72G7D	42.30 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	7M17G7D	40.90 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	7M40G7D	41.40 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	7M50G7D	41.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	8M00G7D	44.60 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	8M10G7D	43.20 dBW	DIGITAL DATA SERVICES
	10950.0000 - 11200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
	11450.0000 - 11700.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
	11700.0000 - 12200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES

12250.0000 - 12750.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M00G7W	44.71 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M20G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M75G7W	42.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M00G7W	46.98 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M00G7W	50.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M00G7W	45.94 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M00G7W	45.08 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M48G7W	43.87 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	930KG7W	42.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M20G7W	42.43 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M35G7W	44.80 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M05G7W	45.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M50G7W	48.70 dBW	DIGITAL DATA SERVICES
14000.0000 - 14250.0000 MHz	2M05G7W	41.70 dBW	DIGITAL DATA SERVICES
11200.0000 - 11450.0000 MHz	30M0G7W		DIGITAL DATA SERVICES

Points of Communication:

- AES1 - AMC 21 - (124.9 W.L.)
- AES1 - AMC-1(S2445) - (129.15)
- AES1 - AMC-4 (formerly GE-4 - (67 W.L.)
- AES1 - AMC-6 (S2347) - (85 W.L.)
- AES1 - ARSAT-2 - (81.0 W.L.)
- AES1 - AsiaSat 7 - (105.5 E.L.)
- AES1 - ASTRA 4A - (4.8 E.L.)
- AES1 - E117 WA (S2873) - (116.8 W.L.)
- AES1 - EUTELSAT 172A(S2610) - (172 E. L.)
- AES1 - EUTELSAT115WB(S2938) - (114.9 W.L.)

AES1 - GALAXY 17 (S2715) - (91 W.L.)

AES1 - GALAXY 28 (S2160) - (89.0 W.L.)

AES1 - INTEL 907 (S2411) - (27.5 W.L.)

AES1 - INTELSAT 14 (S2785) - (45.0 W.L.)

AES1 - INTELSAT 18 (S2817) - (180 E.L.)

AES1 - INTELSAT 19 (S2850) - (166.0 E.L.)

AES1 - INTELSAT 20 - (68.5 E.L.)

AES1 - INTELSAT 21 (S2863) - (58.0 W.L.)

AES1 - INTELSAT 22 - (72.1 E. L.)

AES1 - INTELSAT 29e (S2913) - (50.0 W.L.)

AES1 - INTELSAT 33e (S2939) - (60.0 E.L.)

AES1 - INTELSAT 904 - (60 E.L.)

AES1 - JCSAT 5A - (132 E.L.)

AES1 - JCSAT-2B - (154 E.L.)

AES1 - OPTUS D2 - (152 E.L.)

AES1 - SES-1 - (101.0 W.L.)

AES1 - SES-10 (S2950) - (66.9 W.L.)

AES1 - SES-2 (S2826) - (87 W.L.)

AES1 - SES-3 (S2892) - (103 W.L.)

AES1 - SES-4 (S2828) - (22.0 W.L.)

AES1 - SES-6 (S2870) - (40.5 W.L.)

AES1 - TELSTAR 11N (S2357) - (37.5 W.L.)

AES1 - TELSTAR 12 V (S2933) - (15 W.L.)

AES1 - Yamal 300K - (177 W.L.)

AES1 - Yamal 401 - (90 E.L.)

AES2 - AMC 21 - (124.9 W.L.)

AES2 - AMC-1(S2445) - (129.15)

AES2 - AMC-4 (formerly GE-4 - (67 W.L.)

AES2 - AMC-6 (S2347) - (85 W.L.)

AES2 - AMC-6 (S2347) - (85 W.L.)

AES2 - APSTAR V - (138 E.L.)

AES2 - ARSAT-2 - (81.0 W.L.)

AES2 - AsiaSat 7 - (105.5 E.L.)

AES2 - ASTRA 4A - (4.8 E.L.)

AES2 - E117 WA (S2873) - (116.8 W.L.)

AES2 - EUTELSAT115WB(S2938) - (114.9 W.L.)

AES2 - GALAXY 17 (S2715) - (91 W.L.)

AES2 - GALAXY 28 (S2160) - (89.0 W.L.)

AES2 - INTEL 907 (S2411) - (27.5 W.L.)

AES2 - INTELSAT 14 (S2785) - (45.0 W.L.)

AES2 - INTELSAT 18 (S2817) - (180 E.L.)

AES2 - INTELSAT 19 (S2850) - (166.0 E.L.)

AES2 - INTELSAT 20 - (68.5 E.L.)

AES2 - INTELSAT 21 (S2863) - (58.0 W.L.)

AES2 - INTELSAT 22 - (72.1 E. L.)

AES2 - INTELSAT 29e (S2913) - (50.0 W.L.)

AES2 - INTELSAT 33e (S2939) - (60.0 E.L.)

AES2 - INTELSAT 904 - (60 E.L.)

AES2 - JCSAT-2B - (154 E.L.)

AES2 - OPTUS D2 - (152 E.L.)

AES2 - SES-1 - (101.0 W.L.)

AES2 - SES-10 (S2950) - (66.9 W.L.)

AES2 - SES-3 (S2892) - (103 W.L.)

AES2 - SES-4 (S2828) - (22.0 W.L.)

AES2 - SES-6 (S2870) - (40.5 W.L.)

AES2 - TELSTAR 11N (S2357) - (37.5 W.L.)

AES2 - TELSTAR 12 V (S2933) - (15 W.L.)

AES2 - Yamal 300K - (177 W.L.)

AES2 - Yamal 401 - (90 E.L.)

SES-MOD-20170726-00804 E E000324 SES Americom, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SES Americom is relocating this fixed earth station antenna within its Somis, CA South Mountain teleport. The new coordinates are reflected in this application. SES is also requesting a change to the coordinated satellite arc.

SITE ID: 1SMTN

LOCATION: 5990 SOLANO VERDE DRIVE, VENTURA, SOMIS, CA

34 ° 19 ' 34.60 " N LAT.

118 ° 59 ' 46.20 " W LONG.

ANTENNA ID:	SM-K4	11 meters	VERTEX	11M KU	
	14000.0000 - 14500.0000 MHz		36M0G7W	87.50 dBW	DIGITAL VIDEO, AUDIO AND DATA
	14000.0000 - 14500.0000 MHz		100KG7W	62.00 dBW	DIGITAL DATA
	14000.0000 - 14500.0000 MHz		N0N	54.00 dBW	CW TEST CARRIER
	14000.0000 - 14500.0000 MHz		1M00F9D	78.00 dBW	TELECOMMAND
	11700.0000 - 12200.0000 MHz		36M0G7W		DIGITAL VIDEO, AUDIO AND DATA
	11700.0000 - 12200.0000 MHz		100KG7W		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		N0N		TRACKING BEACON
	11700.0000 - 12200.0000 MHz		500KF9D		TELEMETRY
	11450.0000 - 11700.0000 MHz		36M0G7W		DIGITAL VIDEO, AUDIO AND DATA
	11450.0000 - 11700.0000 MHz		100KG7W		DIGITAL DATA
	11450.0000 - 11700.0000 MHz		N0N		TRACKING BEACON
	11450.0000 - 11700.0000 MHz		500KF9D		TELEMETRY
	10950.0000 - 11200.0000 MHz		36M0G7W		DIGITAL VIDEO, AUDIO AND DATA
	10950.0000 - 11200.0000 MHz		100KG7W		DIGITAL DATA
	10950.0000 - 11200.0000 MHz		N0N		TRACKING BEACON
	10950.0000 - 11200.0000 MHz		500KF9D		TELEMETRY

Points of Communication:

1SMTN - ASTRA 3A - (176.85)

1SMTN - EUTELSAT 172A(S2610) - (172 E. L.)

1SMTN - PERMITTED LIST - ()

SES-MOD-20170804-00860 E E160038 Spire Global, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service, Other

Spire Global, Inc. requests modification of its fixed earth station in Piti, GU to add a 2.46 meter antenna (Antenna ID "3") to communicate with the LEMUR (S2946) satellite in the 449.75-450.25 MHz (Earth-to-space) frequency band.

SITE ID: 1

LOCATION: 312 Route 2A Shell Fuel Farm Road, N/A, Piti, GU

13 ° 24 ' 56.30 " N LAT.

144 ° 41 ' 15.10 " E LONG.

ANTENNA ID:	1	1.85 meters	M2 Antenna Systems	401CP14
	402.0000 - 403.0000 MHz		15K0F1D	0.00 dBW
				Digital/Backup Data Downlink, telemetry and tracking
	402.0000 - 403.0000 MHz		15K0F1D	31.50 dBW
				command
ANTENNA ID:	2	1.2 meters	ARA - Seavey	C1502-800
	2020.0000 - 2025.0000 MHz		250KG1D	0.00 dBW
				Digital Data
ANTENNA ID:	3	2.46 meters	TACO	H-105
	449.7500 - 450.2500 MHz		15K0F1DXN	31.50 dBW
				DIGITAL/TT&C UPLINK

Points of Communication:

1 - LEMUR NGS0 (S2946) - (NGSO)

SES-MOD-20170804-00862 E E160037 Spire Global, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service, Other

Spire Global, Inc. requests modification of its fixed earth station in Naalehu, HI to add a 2.46 meter antenna (Antenna ID "3") to communicate with the LEMUR (S2946) satellite in the 449.75-450.25 MHz (Earth-to-space) frequency band.

SITE ID: 1

LOCATION: 93-1704 South Point Road, Hawaii, Naalehu, HI

19 ° 0 ' 50.90 " N LAT.

155 ° 39 ' 46.78 " W LONG.

ANTENNA ID:	1	1.85 meters	M2 Antenna Systems	401CP14
	402.0000 - 403.0000 MHz		15K0F1D	0.00 dBW
				Telemetry and Tracking and Digital Data
	402.0000 - 403.0000 MHz		15K0F1D	31.50 dBW
				Command
ANTENNA ID:	2	1.2 meters	ARA - Seavey	C1502-800

2020.0000 - 2025.0000 MHz	250KG1D	0.00 dBW	Digital Data
ANTENNA ID: 3	2.46 meters	TACO	H-105
449.7500 - 450.2500 MHz	15K0F1DXN	31.50 dBW	DIGITAL/TT&C UPLINK

Points of Communication:

1 - LEMUR NGSO (S2946) - (NGSO)

SES-MOD-20170804-00863 E E160042 Spire Global, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service, Mobile Satellite Service

Spire Global, Inc. request modification of its fixed earth station in West Jordan, UT to add a 2.46-meter antenna (Antenna ID "UHF-3") to communicate with the LEMUR (S2946) satellite in the 449.25-450.25 MHz (Earth-to-space) frequency band.

SITE ID: UTGS

LOCATION: 7202 South Campus View Drive (UTGS), Salt Lake, West Jordan, UT
 40 ° 37 ' 12.47 " N LAT. 111 ° 59 ' 9.98 " W LONG.

ANTENNA ID: UHF-1	1.85 meters	M2 Antenna Systems	401CP14
402.0000 - 403.0000 MHz	15K0F1D	0.00 dBW	Telemetry and Tracking and Digital Data
402.0000 - 403.0000 MHz	15K0F1D	31.50 dBW	Command
ANTENNA ID: SBAND-1	1.2 meters	ARA - Seavey	C1502-800
2020.0000 - 2025.0000 MHz	250KG1D	0.00 dBW	Digital Data

SITE ID: SLCGS

LOCATION: 7202 SOUTH CAMPUS VIEW DRIVE (SLCGS), Salt Lake, West Jordan, UT
 40 ° 37 ' 12.47 " N LAT. 111 ° 59 ' 9.98 " W LONG.

ANTENNA ID: UHF-3	2.46 meters	TACO	H-105
449.7500 - 450.2500 MHz	15K0F1D	31.50 dBW	Digital/TT&C Uplink

Points of Communication:

SLCGS - LEMUR NGSO (S2946) - (NGSO)

UTGS - LEMUR NGSO (S2946) - (NGSO)

SES-MOD-20170804-00870 E KA261 Intelsat License LLC

Application for 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 operate with the Intelsat 9 (S2380) satellite at the 24.5° W.L. orbital location and the Intelsat 901 (S2409) satellite at the 29.5° W.L. in the 5925-6425 MHz (Earth-to-space), and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1
 LOCATION: 17625 TECHNOLOGY BLVD., WASHINGTON, HAGERSTOWN, MD
 39 ° 35 ' 57.00 " N LAT. 77 ° 45 ' 22.00 " W LONG.

ANTENNA ID:	1	15.2 meters	VERTEX	15.2KPC
	5925.0000 - 6425.0000 MHz	NON	55.70 dBW	IOT
	5925.0000 - 6425.0000 MHz	1M00F2D	79.70 dBW	TT&C
	5925.0000 - 6425.0000 MHz	200KF2D	72.70 dBW	TT&C
	5850.0000 - 5925.0000 MHz	56K0G7W	67.20 dBW	DIGITAL DATA, VIDEO AND VOICE SERVICES
	5850.0000 - 5925.0000 MHz	72M0G7W	88.00 dBW	DIGITAL DATA, VIDEO AND VOICE SERVICES
	3700.0000 - 4200.0000 MHz	NON		IOT
	3700.0000 - 4200.0000 MHz	1M00F2D		TT&C
	3700.0000 - 4200.0000 MHz	200KF2D		TT&C
	3625.0000 - 4200.0000 MHz	56K0G7W		DIGITAL DATA, VIDEO AND VOICE SERVICES
	3625.0000 - 4200.0000 MHz	72M0G7W		DIGITAL DATA, VIDEO AND VOICE SERVICES
	5925.0000 - 6425.0000 MHz	72M0G7W	79.70 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz	56K0G7W	67.20 dBW	DIGITAL DATA
	3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL DATA
	3700.0000 - 4200.0000 MHz	56K0G7W		DIGITAL DATA

Points of Communication:

- 1 - INTELSAT 9 (S2380) - (29.5 W.L.)
- 1 - Intelsat 905 (S2409) - (24.5 W.L.)
- 1 - OTHER -
- 1 - PERMITTED LIST - ()

SES-MOD-20170809-00896 E E040257 Time Warner Cable Midwest LLC
 Application for Modification
 Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Time Warner Cable Midwest LLC requests modification of its temporary-fixed earth station to replace a 1.2-meter AVL Tech antenna with a 1.5-meter Sat-Lite antenna to transmit news and event coverage nationwide. The station will continue to communicate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) frequency band.

SITE ID: 1

LOCATION: 6550 WINCHESTER AVE (DSNG), JACKSON, KANSAS CITY, MO

ANTENNA ID:	DSNG	1.5 meters	SAT-LITE	1411
	14000.0000 - 14500.0000 MHz	36M0G7W	62.15 dBW	COMPRESSED DIGITAL VIDEO AND AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

SES-T/C-20170727-00842 E E130136 UltiSat, Inc.

Application for Consent to Transfer of Control

Current Licensee: UltiSat, Inc.

FROM: ULTISAT, INC.

TO: SpeedCast Americas, Inc.

No. of Station(s) listed: 17

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