



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02186

Wednesday July 31, 2019

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-AFS-20190719-00929 E E080100 Global Eagle Telecom Licensing Subsidiary LLC

Amendment

Class of Station: Other

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

See IBFS File No.SES-MFS-20190312-00328 for a description of application.

SITE ID: 1

LOCATION: (.6M) 1000 UNITS CONUS, +TERR, INTERNATIONAL WATERS

ANTENNA ID:	1	0.6 meters	AeroSat Avionics	70-100-0000-01
	14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK OR OCTAL PSK
	11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK OR OCTAL PSK

SITE ID: 2

LOCATION: (.62M) 1000 UNITS CONUS,+ TERR, INTERNATIONAL WATERS

ANTENNA ID:	2	0.62 meters	TECOM	Ku-Stream
	14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	6M40G7D	43.80 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	1M60G7D	38.80 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK

14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	36.00 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M20G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	42.80 dBW	QPSK OR OCTAL PSK
12250.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10700.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
12500.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M02G7D	41.30 dBW	QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M02G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK

SITE ID: 3
LOCATION: (.63M) 1000 UNITS CONUS,+ TERR, INTERNATIONAL WATERS

ANTENNA ID: 3 0.63 meters QUEST Q050000

14050.0000 - 14470.0000 MHz	4M09G7D	41.90 dBW	QPSK OR OCTAL PSK
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14050.0000 - 14470.0000 MHz	2M04G7D	41.90 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M02G7D	41.90 dBW	QPSK OR OCTAL PSK
12200.0000 - 12500.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10700.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK

Points of Communication:

- 1 - AMC 9 (S2434) - (83 W.L.)
- 1 - HORIZONS 1 (S2475) - (127 WL)
- 1 - SES-1 (S2807) - (101.0 W.L.)
- 2 - AMC 2 - (84.85)
- 2 - AMC 9 (S2434) - (83 W.L.)
- 2 - AMC-1(S2445) - (130.90)
- 2 - AMC-3 - (72 W.L.)
- 2 - E117 WA (S2873) - (116.8 W.L.)
- 2 - ESTRELA DO SUL 2 - (63 W.L.)
- 2 - EUTELSAT115WA(S2589) - (114.9 W.L.)
- 2 - EUTELSAT115WB(S2938) - (114.9 W.L.)
- 2 - EUTELSAT133WA(S3031) - (132.85)
- 2 - HORIZONS 1 (S2475) - (127 WL)
- 2 - INTELSAT 19 (S2850) - (166.0 E.L.)
- 2 - INTELSAT 29e (S2913) - (50.0 W.L.)
- 2 - SES-1 (S2807) - (101.0 W.L.)
- 2 - SES-10 (S2950) - (66.9 W.L.)

- 2 - SES-14 (S2974) - (47.5 W.L.)
- 2 - SES-15 (S2951) - (129.15 W.L)
- 2 - SES-6 (S2870) - (40.5 W.L.)
- 2 - TELSTAR 11N (S2357) - (37.5 W.L.)
- 2 - Telstar 12 (S2462) - (109.2)
- 3 - AMC 2 - (84.85)
- 3 - AMC 9 (S2434) - (83 W.L.)
- 3 - AMC-1(S2445) - (130.90)
- 3 - AMC-3 - (72 W.L.)
- 3 - EUTELSAT115WB(S2938) - (114.9 W.L.)
- 3 - EUTELSAT133WA(S3031) - (132.85)
- 3 - INTELSAT 29e (S2913) - (50.0 W.L.)
- 3 - SES-1 (S2807) - (101.0 W.L.)
- 3 - SES-10 (S2950) - (66.9 W.L.)
- 3 - SES-14 (S2974) - (47.5 W.L.)
- 3 - SES-15 (S2951) - (129.15 W.L)
- 3 - Telstar 12 (S2462) - (109.2)

SES-AMD-20190627-00858 E E190544 Washington DC FCC License Sub, LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20181015-04224 for a description of application.

SITE ID: 1

LOCATION: 5425 WISCONSIN AVE. (WTOP Wisconsin Ave), MONTGOMERY, CHEVY CHASE, MD
 38 ° 57 ' 44.00 " N LAT. 77 ° 5 ' 7.50 " W LONG.

ANTENNA ID: WTOP Sat 1 3.7 meters PRODELIN 1374(3.7M.)

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Application for Authority

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

SES Americom, Inc. (SES) requests authorization for a blanket license to operate 1000 of each of two types of Ku-band earth stations aboard aircraft (ESAA) terminals, the HR6400 and HR129 antenna models, on domestic and international flights. SES requests authority to communicate with Permitted List satellites as well as the following additional satellites: ASTRA 4A at 4.8° E.L. orbital location on a primary basis in the 14-14.25 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth), and on a nonconforming basis in the 12.2-12.75 GHz (space-to-Earth); NSS-6 at the 169.5° W.L. orbital location a primary basis in the 14-14.5 GHz (Earth-to-space), on an unprotected basis in the 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth), and on a nonconforming basis in the 12.5-12.75 GHz (space-to-Earth); NSS-12 at 57° E.L. orbital location on a primary basis in the 14-14.5 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth), on an unprotected basis in the 10.95-11.7 GHz (space-to-Earth), and a nonconforming basis in the 12.2-12.75 GHz (space-to-Earth); SES-4 at the 22° W.L. orbital location on a primary basis in the 14-14.5 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth), on an unprotected basis in the 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth), and on a nonconforming basis in the 12.5-12.75 GHz (space-to-Earth); SES-6 at the 40.5° W.L. orbital location on a primary basis in the 14-14.5 GHz (Earth-to-space), and on an unprotected basis in the 10.95-11.45 GHz (space-to-Earth); SES-9 at the 108.3° E.L. orbital location primary basis in the 14-14.5 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth), and on a nonconforming basis in the 12.2-12.75 GHz (space-to-Earth); SES-10 at the 66.9° W.L. orbital location on a primary basis in the 14-14.5 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth), and on an unprotected basis in the 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth); SES-12 at the 95° E.L. orbital location on a primary basis in the 14-14.5 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth), and on an unprotected basis in the 10.7-11.7 GHz (space-to-Earth), and on a nonconforming basis in the 12.2-12.75 GHz (space-to-Earth); SES-14 at the 47.5° W.L. orbital location on a primary basis in the 14-14.5 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth), on an unprotected basis in the 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth), and on a nonconforming basis in the 12.2-12.45 GHz (space-to-Earth); and SES-15 at the 129.15° W.L. orbital location on a primary basis in the 14-14.5 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth), and on an unprotected basis in the 10.7-11.7 GHz (space-to-Earth). SES requests waivers of the U.S. Table of Allocations in Section 2.106 and footnote NG52 to permit ESAA operations in the 10.7-10.95 GHz, 11.2-11.45 GHz, and 12.2-12.75 GHz spectrum, and waivers of provisions in Section 25.227 that have been deleted by the ESIMs Order.

SITE ID: 1

LOCATION: 12811 Randolph Ridge Lane .29METER/1000 UNITS, Prince William, Manassas, VA

ANTENNA ID:	1	0.29 meters	Astronics Aerosat	HR129
	10700.0000 - 12700.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	10700.0000 - 12700.0000 MHz	1M0G7W	0.00 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	54M0G7W	35.33 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	1M0G7W	31.59 dBW	Digital Data Services

SITE ID: 2

LOCATION: 12811 Randolph Ridge Lane .24METER/1000 UNITS, Prince William, Manassas, VA

ANTENNA ID:	2	0.24 meters	Astronics Aerosat	HR6400
	10700.0000 - 12700.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	10700.0000 - 12700.0000 MHz	1M0G7W	0.00 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	54M0G7W	35.48 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	1M0G7W	31.66 dBW	Digital Data Services

Points of Communication:

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

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- 1 - NSS-12 - (57.0 E.L.)
 - 1 - NSS-6 - (169.5 W.L.)
 - 1 - PERMITTED LIST - ()
 - 1 - SES-10 (S2950) - (66.9 W.L.)
 - 1 - SES-12 (M192103) - (95 E.L.)
 - 1 - SES-14 (S2974) - (47.5 W.L.)
 - 1 - SES-15 (S2951) - (129.15 W.L.)
 - 1 - SES-4 (S2828) - (22.0 W.L.)
 - 1 - SES-6 (S2870) - (40.5 W.L.)
 - 1 - SES-9 (M192101) - (108.3 E.L.)
 - 2 - ASTRA 4A - (4.8 E.L.)
 - 2 - NSS-12 - (57.0 E.L.)
 - 2 - NSS-6 - (169.5 W.L.)
 - 2 - PERMITTED LIST - ()
 - 2 - SES-10 (S2950) - (66.9 W.L.)
 - 2 - SES-12 (M192103) - (95 E.L.)
 - 2 - SES-14 (S2974) - (47.5 W.L.)
 - 2 - SES-15 (S2951) - (129.15 W.L.)
 - 2 - SES-4 (S2828) - (22.0 W.L.)
 - 2 - SES-6 (S2870) - (40.5 W.L.)
 - 2 - SES-9 (M192101) - (108.3 E.L.)
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SES-MFS-20190312-00328 E E080100 Global Eagle Telecom Licensing Subsidiary LLC

Modification

Class of Station: Other

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

Global Eagle Telecom Licensing Subsidiary LLC, requests modification of its Earth Station Aboard Aircraft license to communicate with the Eutelsat 133WA (S3031) satellite at the 132.85° W.L. orbital location in the 14050-14470 MHz (Earth-to-space), and 11200-11450 MHz, 11450-11700 MHz and 12500-12750 MHz (space-to-Earth) frequency bands, and the SES-14 (S2974) satellite at the 47.5° W.L. orbital location in the 14050-14470 MHz (Earth-to-space), and 11700-12200 MHz (space-to-Earth) frequency bands. IBFS File No. SES-AFS-20190719-00929 added the SES-14 (S2974) satellite as a point of communication.

SITE ID: 1

LOCATION: (.6M) 1000 UNITS CONUS, +TERR, INTERNATIONAL WATERS

ANTENNA ID: 1 0.6 meters AeroSat Avionics 70-100-0000-01

14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK OR OCTAL PSK

SITE ID: 2
LOCATION: (.62M) 1000 UNITS CONUS,+ TERR, INTERNATIONAL WATERS

ANTENNA ID:	2	0.62 meters	TECOM	Ku-Stream
14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	6M40G7D	43.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	1M60G7D	38.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	1M60G7D	36.00 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	1M20G7D	42.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	2M04G7D	42.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	4M09G7D	42.80 dBW	QPSK OR OCTAL PSK	
12250.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK	
11450.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK	
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK	
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK	
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK	
10700.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK	
12500.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK	
14050.0000 - 14470.0000 MHz	1M02G7D	41.30 dBW	QPSK OR OCTAL PSK	
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK	

11450.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M02G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK

SITE ID: 3

LOCATION: (.63M) 1000 UNITS CONUS,+ TERR, INTERNATIONAL WATERS

ANTENNA ID: 3	0.63 meters	QEST	Q050000
14050.0000 - 14470.0000 MHz	4M09G7D	41.90 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	41.90 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M02G7D	41.90 dBW	QPSK OR OCTAL PSK
12200.0000 - 12500.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10700.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	43.80 dBW	QPSK OR OCTAL PSK

Points of Communication:

- 1 - AMC 9 (S2434) - (83 W.L.)
- 1 - HORIZONS 1 (S2475) - (127 WL)
- 1 - SES-1 (S2807) - (101.0 W.L.)
- 2 - AMC 2 - (84.85)
- 2 - AMC 9 (S2434) - (83 W.L.)
- 2 - AMC-1(S2445) - (130.90)
- 2 - AMC-3 - (72 W.L.)
- 2 - E117 WA (S2873) - (116.8 W.L.)

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- 2 - ESTRELA DO SUL 2 - (63 W.L.)
 - 2 - EUTELSAT115WA(S2589) - (114.9 W.L.)
 - 2 - EUTELSAT115WB(S2938) - (114.9 W.L.)
 - 2 - EUTELSAT133WA(S3031) - (132.85)
 - 2 - HORIZONS 1 (S2475) - (127 WL)
 - 2 - INTELSAT 19 (S2850) - (166.0 E.L.)
 - 2 - INTELSAT 29e (S2913) - (50.0 W.L.)
 - 2 - SES-1 (S2807) - (101.0 W.L.)
 - 2 - SES-10 (S2950) - (66.9 W.L.)
 - 2 - SES-14 (S2974) - (47.5 W.L.)
 - 2 - SES-15 (S2951) - (129.15 W.L)
 - 2 - SES-6 (S2870) - (40.5 W.L.)
 - 2 - TELSTAR 11N (S2357) - (37.5 W.L.)
 - 2 - Telstar 12 (S2462) - (109.2)
 - 3 - AMC 2 - (84.85)
 - 3 - AMC 9 (S2434) - (83 W.L.)
 - 3 - AMC-1(S2445) - (130.90)
 - 3 - AMC-3 - (72 W.L.)
 - 3 - EUTELSAT115WB(S2938) - (114.9 W.L.)
 - 3 - EUTELSAT133WA(S3031) - (132.85)
 - 3 - INTELSAT 29e (S2913) - (50.0 W.L.)
 - 3 - SES-1 (S2807) - (101.0 W.L.)
 - 3 - SES-10 (S2950) - (66.9 W.L.)
 - 3 - SES-14 (S2974) - (47.5 W.L.)
 - 3 - SES-15 (S2951) - (129.15 W.L)
 - 3 - Telstar 12 (S2462) - (109.2)

SES-MOD-20180628-01726 E E3329
Application for Modification

Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, L

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Comcast of Florida I, Inc., requests modification of its fixed earth station in Palm Bay, FL to add antennas and update the site coordinates. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band

SITE ID: 1
LOCATION: 1710 PATTY CIRCLE NE, BREVARD, PALM BAY, FL
28 ° 2 ' 29.10 " N LAT. 80 ° 36 ' 46.90 " W LONG.

ANTENNA ID:	1	6.1 meters	HARRIS	615-003
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	SCIENTIFIC-ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.7 meters	SATCOM	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180906-03553 E E050221 Scripps Broadcasting Holdings LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Scripps Broadcasting Holdings LLC, requests modification of its fixed earth station in Phoenix, AZ to correct the site coordinates, replace the antenna and other minor data corrections. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 515 N. 44TH STREET (KNXV-TV Studio RO 1), MARICOPA, PHOENIX, AZ
33 ° 27 ' 15.50 " N LAT. 111 ° 59 ' 5.30 " W LONG.

ANTENNA ID:	1	3.7 meters	DH SATELLITE	3.7M.
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180903-04173 E E190485 RCN Telecom Services of Massachusetts, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 430 Main Street (STH.MA), Middlesex, Stoneham, MA
42 ° 28 ' 41.80 " N LAT. 71 ° 5 ' 58.90 " W LONG.

ANTENNA ID:	DH5M	5 meters	DH	50DH1
	3700.0000 - 4200.0000 MHz		36M0G7F	NULL
ANTENNA ID:	SA45M	4.5 meters	SA	Series 8345
	3700.0000 - 4200.0000 MHz		36M0G7F	NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180904-04174 E E190486 Apple Valley Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 601 No. Edison St. (KVEW-TV Studio), Benton, Kennewick, WA
46 ° 13 ' 0.50 " N LAT. 119 ° 11 ' 33.10 " W LONG.

ANTENNA ID:	ANT 1	7.3 meters	Andrew	7.3
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
ANTENNA ID:	ANT 2	4.6 meters	Andrew	4.6
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
ANTENNA ID:	ANT 3	5 meters	Prodlin	5.0
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180904-04175 E E190487 KAUZ License Subsidiary, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3601 Seymour Highway (KAUZ TV Studio), Wichita, Wichita Falls, TX
33 ° 54 ' 1.30 " N LAT. 98 ° 32 ' 21.20 " W LONG.

ANTENNA ID:	3.8M.	3.8 meters	Challenger Communications	3.8m
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: CBS main	7 meters	Scientific Atlanta 8010C
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: CBS backup	4.6 meters	Scientific Atlanta 8346
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180905-04201 E E190519 Gray Television Licensee, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2923 E. Lincolnway (KGWN), Cheyenne, WY
 41 ° 8 ' 16.47 " N LAT. 104 ° 46 ' 49.62 " W LONG.

ANTENNA ID: KGWN - 1	4.6 meters	Scientific Atlanta	8346
3700.0000 - 4200.0000 MHz	36M0G7W	NULL	
ANTENNA ID: KGWN - 2	7 meters	Scientific Atlanta	8010A
3700.0000 - 4200.0000 MHz	36M0G7W	NULL	
ANTENNA ID: KGWN - 3	5 meters	Comtech	PRT-500AZKP
3700.0000 - 4200.0000 MHz	36M0G7W	NULL	
ANTENNA ID: KGWN - 4	5 meters	DH Satellite	Gibraltar IV
3700.0000 - 4200.0000 MHz	36M0G7W	NULL	
ANTENNA ID: KGWN - 5	3 meters	Antennas for Communications	PR-10
3700.0000 - 4200.0000 MHz	36M0G7W	NULL	
ANTENNA ID: KGWN- 6, 8	3 meters	Prodelin Antennas	1304
3700.0000 - 4200.0000 MHz	36M0G7W	NULL	
ANTENNA ID: KGWN - 7	3 meters	DH Satellite	Gibraltar IV
3700.0000 - 4200.0000 MHz	36M0G7W	NULL	

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180905-04202 E E190520 Gray Television Licensee, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2531 Blichmann Ave (KKCO), Grand Junction, CO
39 ° 5 ' 47.12 " N LAT.

108 ° 34 ' 59.23 " W LONG.

ANTENNA ID:	KKCO - 1	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
ANTENNA ID:	KKCO - 2	4.5 meters	Patriot	4.5m Prime Focus
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
ANTENNA ID:	KJCT 1	4.5 meters	ViaSat	8345-310
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
ANTENNA ID:	KJCT 2, 3	3.1 meters	Patriot	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
ANTENNA ID:	KKCO-KJCT1	3.1 meters	Patriot	PRT 310
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
ANTENNA ID:	KKCO-KJCT2	4.5 meters	Andrew	ES45
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180905-04203 E E190521 Gray Television Licensee, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 120 W Del Mar Blvd (KGNS), Laredo, TX
27 ° 34 ' 3.11 " N LAT.

99 ° 29 ' 53.20 " W LONG.

ANTENNA ID:	KGNS 1, 2	3.8 meters	Comtech	3.8
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3700.0000 - 4200.0000 MHz		36M0G7W		NULL
ANTENNA ID:	KGNS 3	3 meters	Patriot	3
3700.0000 - 4200.0000 MHz		36M0G7W		NULL
ANTENNA ID:	KGNS 4	3 meters	Comtech	3
3700.0000 - 4200.0000 MHz		36M0G7W		NULL
ANTENNA ID:	KGNS 5	5 meters	Comtech	5
3700.0000 - 4200.0000 MHz		36M0G7W		NULL
ANTENNA ID:	KGNS 6, 7	4.5 meters	ViaSat	Series 8345
3700.0000 - 4200.0000 MHz		36M0G7W		NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180905-04204 E E190522 Crosslake Telephone d/b/a Tri-Co Technologies, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 35910 Co Rd 66 (Crosslake Comm), Crow wing, Crosslake, MN
 46 ° 40 ' 26.00 " N LAT. 94 ° 6 ' 27.00 " W LONG.

ANTENNA ID:	Site 1	3.8 meters	Patriot Antenna	Patriot 3.8
3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW	Analog video
3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180906-04206 E E190526 Scripps Broadcasting Holdings LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 20777 West Ten Mile Road, Oakland, Southfield, MI
 42 ° 28 ' 14.00 " N LAT. 83 ° 14 ' 48.50 " W LONG.

ANTENNA ID:	1	4.2 meters	Andrew Corp	ESA42
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Multiplex Carrier
ANTENNA ID: 2	4.2 meters	DH Satellite	4.2M
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180906-04208 E E190528 Scripps Broadcasting Holdings LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 20777 West Ten Mile Road, Oakland, Southfield, MI
 42 ° 28 ' 11.50 " N LAT. 83 ° 14 ' 48.50 " W LONG.

ANTENNA ID: 1 6.5 meters Andrew Corp ESA65

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 2 4.6 meters Andrew Corporation ESA46

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04205 E E190523 Buford Satellite Systems. L.P.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1499 R.W. Moore Memorial Hwy. (Turney Center), Hickman, Only, TN
 35 ° 49 ' 44.82 " N LAT. 87 ° 41 ' 13.18 " W LONG.

ANTENNA ID: Turney 4 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W NULL

ANTENNA ID: Turney 3 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W NULL

ANTENNA ID: Turney 2 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 6
LOCATION: US 62 & Moody Drive, Mason, Maysville, KY
38 ° 38 ' 33.00 " N LAT. 83 ° 46 ' 48.00 " W LONG.

ANTENNA ID: 6 3.1 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 6M00C7W

SITE ID: 7
LOCATION: US 62 & Moody Drive, Mason, Maysville, KY
38 ° 38 ' 35.00 " N LAT. 83 ° 46 ' 45.00 " W LONG.

ANTENNA ID: 7 3.8 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 6M00C7W

SITE ID: 8
LOCATION: US 62 & Moody Drive, Mason, Maysville, KY
38 ° 38 ' 34.00 " N LAT. 83 ° 46 ' 46.00 " W LONG.

ANTENNA ID: 8 3.7 meters General Dynamics Not Known

3700.0000 - 4200.0000 MHz 6M00C7W

Points of Communication:

- 1 - AMC-11(S2433) - (131 W.L.)
- 2 - AMC 7(S2155) - (135 W.L.)
- 3 - GALAXY 17 (S2715) - (91 W.L.)
- 4 - GALAXY 14 (S2385) - (125 W.L.)
- 5 - GALAXY 18 (S2733) - (123 W.L.)
- 6 - GALAXY 16 (S2687) - (99 W.L.)
- 7 - PERMITTED LIST - ()
- 7 - SES-3 (S2892) - (103 W.L.)
- 8 - GALAXY 13 (S2386) - (127 W.L.)

SES-REG-20181015-03939 E E190243 Conway Corporation
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Conway Corp DishFarm
LOCATION: 800 S. Harkrider, Faulkner, Conway, AL
35 ° 4 ' 12.03 " N LAT. 92 ° 25 ' 43.54 " W LONG.

ANTENNA ID: 1

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: Head End

LOCATION: 1313 Prairie St., Faulkner, Conway, AR

35 ° 5 ' 13.36 " N LAT.

92 ° 26 ' 25.76 " W LONG.

ANTENNA ID: 2 3.7 meters Scientific Atlanta na

3700.0000 - 4200.0000 MHz 36M0G7W NULL

Points of Communication:

Conway Corp DishFarm - AMC 10 (S2432) - (135 W.L.)

Conway Corp DishFarm - AMC-11(S2433) - (131 W.L.)

Conway Corp DishFarm - GALAXY 13 (S2386) - (127 W.L.)

Conway Corp DishFarm - GALAXY 14 (S2385) - (125 W.L.)

Conway Corp DishFarm - GALAXY 15 (S2387) - (133.1)

Conway Corp DishFarm - GALAXY 18 (S2733) - (123 W.L.)

Conway Corp DishFarm - GALAXY 18 (S2733) - (123 W.L.)

Conway Corp DishFarm - GALAXY 23 (S2592) - (121 W.L.)

Conway Corp DishFarm - SES-1 (S2807) - (101.0 W.L.)

Conway Corp DishFarm - SES-3 (S2892) - (103 W.L.)

Head End - GALAXY 16 (S2687) - (99 W.L.)

Head End - GALAXY 17 (S2715) - (91 W.L.)

SES-REG-20181015-04224 E E190544 Washington DC FCC License Sub, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Washington DC FCC Licensing Sub., LLC request Registration of a C-band RO fixed earth station to support the applicant's broadcast operations. This station will communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band. SES-AMD-20190627-00858 amended this application to reflect the 2019 move of the WTOP-FM radio studio to a new location.

SITE ID: 1

LOCATION: 5425 WISCONSIN AVE. (WTOP Wisconsin Ave), MONTGOMERY, CHEVY CHASE, MD

38 ° 57 ' 44.00 " N LAT.

77 ° 5 ' 7.50 " W LONG.

ANTENNA ID: WTOP Sat 1 3.7 meters PRODELIN 1374(3.7M.)

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-04244 E E190571 Image Video Teleproductions, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Need Earth Station Location 6755 FREEDOM AVE NW, USA, NORTH CANTON, OH
40 ° 52 ' 50.20 " N LAT. 81 ° 25 ' 40.40 " W LONG.

ANTENNA ID:	1	3.7 meters	DH Antennas	3.7 M 12'
	3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Modulation and Services Digital Video
	3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-04248 E E190576 VideoIndiana, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1000 N. Meridian, Marion, Indianapolis, IN
39 ° 46 ' 54.00 " N LAT. 86 ° 9 ' 32.00 " W LONG.

ANTENNA ID:	1	3.7 meters	DAWNco	D37F48-4PC-5.5
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio, Video & Data
ANTENNA ID:	2	5 meters	Radiation Systems Inc.	500C/K
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio, Video & Data
ANTENNA ID:	3	4.5 meters	Patriot Antenna Systems	Patriot 4.5 (RC 2000)
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio, Video & Data
ANTENNA ID:	4	3.7 meters	Antennas for Communications	PR-12
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio, Video & Data
ANTENNA ID:	5	3.7 meters	Antennas for Communications	PR-12
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio, Video & Data

ANTENNA ID: 6 2.4 meters Andrew Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio, Video & Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-04239 E E190565 Universal Cable Holdings, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1410 W 5th St, Donley, Clarendon, TX

34 ° 56 ' 12.70 " N LAT.

100 ° 53 ' 36.40 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 3.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-04240 E E190566 Universal Cable Holdings, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 500 Martinez St, Reeves, Pecos, TX

31 ° 25 ' 42.30 " N LAT.

103 ° 38 ' 49.00 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Cassegrain

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20190703-00876 E E170197 SES Americom, Inc.

Special Temporary Authority

Class of Station:

SES Americom, Inc. requests special temporary authority for 180 days, to operate its fixed earth station in Mt. Airy, MD with the SES-14 (S2974) satellite at the 47.5° W.L. orbital location in the 13.75-14.0 GHz (Earth-to-space) frequency band.

Points of Communication:

SES-STA-20190703-00878 E E170198 SES Americom, Inc.

Special Temporary Authority

Class of Station:

SES Americom, Inc. requests special temporary authority for 180 days to operate its fixed earth station in Port St. Lucie, FL with the SES-14 satellite (S2974) at the 47.5° W.L. orbital location in the 13.75-14.0 GHz (Earth-to-space) frequency band.

Points of Communication:

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