



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02115

Wednesday November 21, 2018

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-ASG-20180731-02060 E E090079 Marshall Communications
Application for Consent to Assignment
Current Licensee: Marshall Communications
FROM: Marshall Communications
TO: Science Applications International Corporation

No. of Station(s) listed: 2

SES-LIC-20180604-01082 E E180620 WorldVu Satellites Limited
Application for Authority
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

WorldVu Satellites Limited requests authority to operate a fixed earth station consisting of twenty six 3.5 meter diameter antennas in Talkeetna, AK with the OneWeb (S2963) NGSO FSS satellite system in the 17.8-18.6 and 18.8-19.3 GHz (space-to-Earth), and 27.5-29.1 and 29.5 -30.0 GHz (Earth-to-space) frequency bands. A technical analysis has been provided for the 27.5-28.35 GHz frequency band, in accordance with 47 CFR § 25.136.

SITE ID: 1
LOCATION: 21518 Comsat Road, Matanuska-Susitna, Talkeetna, AK
62 ° 19 ' 59.07 " N LAT. 150 ° 1 ' 52.43 " W LONG.

ANTENNA ID:	Frequency	Power	Modulation	Notes
1	29500.0000 - 30000.0000 MHz	66.00 dBW	250MG7D	using Adaptive Code Modulating with QPSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
	27500.0000 - 29100.0000 MHz	66.00 dBW	250MG7D	using Adaptive Code Modulating with QPSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates

18800.0000 - 19300.0000 MHz	20M0G7D	0.00 dBW	emission range of 2M50G7D - 20M0G7D using Adaptive Code Modulating with QPSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
18800.0000 - 19300.0000 MHz	2M50G7D	0.00 dBW	emission range of 2M50G7D - 20M0G7D using Adaptive Code Modulating with QPSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
17800.0000 - 18600.0000 MHz	20M0G7D	0.00 dBW	emission range of 2M50G7D - 20M0G7D using Adaptive Code Modulating with QPSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
17800.0000 - 18600.0000 MHz	2M50G7D	0.00 dBW	emission range of 2M50G7D - 20M0G7D using Adaptive Code Modulating with QPSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates

Points of Communication:

1 - ONEWEB (S2963) - (NGSO)

SES-LIC-20180727-02075 E E181293 WorldVu Satellites Limited

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

WorldVu Satellites Limited requests authority to operate a fixed earth station consisting of thirteen 3.5 meter diameter antennas in Clewiston, FL with the OneWeb (S2963) NGSO FSS satellite system in the 17.8-18.6 and 18.8-19.3 GHz (space-to-Earth), and 27.5-29.1 and 29.5 -30.0 GHz (Earth-to-space) frequency bands. A technical analysis has been provided for the 27.5-28.35 GHz frequency band, in accordance with 47 CFR § 25.136.

SITE ID: 1

LOCATION: SSC Space 400 Airglades Blvd, Hendry, Clewiston, FL

26 ° 44 ' 51.80 " N LAT.

81 ° 2 ' 57.20 " W LONG.

ANTENNA ID: 1 3.5 meters CPI 4715000-01

29500.0000 - 30000.0000 MHz	250MG7D	66.00 dBW	using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
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27500.0000 - 29100.0000 MHz	250MG7D	66.00 dBW	using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
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18800.0000 - 19300.0000 MHz	20M0G7D	0.00 dBW	emission range of 2M50G7D to 20M0G7D using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
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18800.0000 - 19300.0000 MHz	2M50G7D	0.00 dBW	emission range of 2M50G7D to 20M0G7D using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
17800.0000 - 18600.0000 MHz	20M0G7D	0.00 dBW	emission range of 2M50G7D to 20M0G7D using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
17800.0000 - 18600.0000 MHz	2M50G7D	0.00 dBW	emission range of 2M50G7D to 20M0G7D using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates

Points of Communication:

1 - ONEWEB (S2963) - (NGSO)

SES-LIC-20180727-02076 E E181294 WorldVu Satellites Limited

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

WorldVu Satellites Limited requests authority to operate a fixed earth station consisting of twenty six 3.5 meter diameter antennas in Southbury, CT with the OneWeb (S2963) NGSO FSS satellite system in the 17.8-18.6 and 18.8-19.3 GHz (space-to-Earth), and 27.5-29.1 and 29.5 -30.0 GHz (Earth-to-space) frequency bands. A technical analysis has been provided for the 27.5-28.35 GHz frequency band, in accordance with 47 CFR § 25.136.

SITE ID: SNP Gateway SOU2508

LOCATION: COMSAT, Inc. 2120 River Road, New Haven, Southbury, CT

41 ° 27 ' 6.40 " N LAT.

73 ° 17 ' 21.60 " W LONG.

ANTENNA ID: CPI 3.5m 3.5 meters CPI 4715000-01

29500.0000 - 30000.0000 MHz	250MG7D	66.00 dBW	using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
27500.0000 - 29100.0000 MHz	250MG7D	66.00 dBW	using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
18800.0000 - 19300.0000 MHz	20M0G7D	0.00 dBW	emission range of 2M50G7D to 20M0G7D using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
18800.0000 - 19300.0000 MHz	2M50G7D	0.00 dBW	emission range of 2M50G7D to 20M0G7D using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates

17800.0000 - 18600.0000 MHz	20M0G7D	0.00 dBW	emission range of 2M50G7D to 20M0G7D using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates
17800.0000 - 18600.0000 MHz	2M50G7D	0.00 dBW	emission range of 2M50G7D to 20M0G7D using Adaptive Code Modulating with QPSK, 8PSK, 16QAM, 32QAM, or 64QAM modulations and variable coding rates

Points of Communication:

SNP Gateway SOU2508 - ONEWEB (S2963) - (NGSO)

SES-LIC-20181008-03141 E E020257 Westar Satellite Services LP

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 777 Westar Lane, Dallas, Cedar Hill, TX

32 ° 34 ' 42.00 " N LAT.

96 ° 58 ' 56.00 " W LONG.

ANTENNA ID: AK4 7 meters SATCOM 700 KS

11700.0000 - 12200.0000 MHz 36M0G1F Digital TV

14000.0000 - 14500.0000 MHz 36M0G1F 71.00 dBW Digital TV

Points of Communication:

1 - AMC-15 (S2180) - (105.0 W.L.)

SES-LIC-20181008-03144 E E020259 Westar Satellite Services LP

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 777 Westar Lane, Dallas, Cedar Hill, TX

32 ° 34 ' 42.00 " N LAT.

96 ° 58 ' 56.00 " W LONG.

ANTENNA ID: AK5 6.1 meters Vertex Communications 61KPK

11700.0000 - 12200.0000 MHz 36M0G1F Digital TV

14000.0000 - 14500.0000 MHz 36M0G1F 71.00 dBW Digital TV

Points of Communication:

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-MOD-20180720-02560 E E160102 ViaSat, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

ViaSat, Inc. requests modification of its fixed earth station in Pevely, MO, to relocate the fixed earth station five miles from its currently authorized location. This earth station is currently authorized to operate in the following frequency bands: (i) 18.3-18.8 GHz, 19.7-20.2 GHz, 28.35-28.6 GHz and 29.5-30.0 GHz on a primary basis; (ii) 18.8-19.3 GHz and 28.6-29.1 GHz on a secondary basis to NGSO FSS systems; (iii) 17.8-18.3 GHz on a secondary basis to fixed terrestrial services; (iv) 27.5-28.35 GHz on a secondary basis to Upper Microwave Flexible Use Services ("UMFUS") services with the rights and protections afforded by Section 25.136; and (v) 17.7-17.8 GHz on an unprotected, non-interference basis pursuant to a waiver. A technical analysis has been provided for the 27.5-28.35 GHz frequency band, in accordance with 47 CFR §25.136.

SITE ID: SAN 1

LOCATION: 1803 Herky Horine Rd, Jefferson, Pevely, MO

38 ° 15 ' 53.50 " N LAT.

90 ° 24 ' 45.13 " W LONG.

ANTENNA ID: 1	4.1 meters	ViaSat, Inc.	VA-41-KA
29500.0000 - 30000.0000 MHz	417MG7D	60.00 dBW	416.6 MBd M-ary PSK Digital Data
27600.0000 - 29100.0000 MHz	417MG7D	60.00 dBW	416.6 MBd M-ary PSK Digital Data
27500.0000 - 28100.0000 MHz	500MG7D	61.60 dBW	500 MBd M-ary PSK Digital Carrier
19700.0000 - 20200.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
17800.0000 - 19300.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
17700.0000 - 18300.0000 MHz	500MG7D		500 MBd M-ary PSK Digital Carrier

Points of Communication:

SAN 1 - VIASAT-2 (S2902) - (69.9 W.L.)

SES-MOD-20180720-02561 E E160094 ViaSat, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

ViaSat, Inc. requests modification of its fixed earth station in Augusta, GA, to relocate the fixed earth station 6.5 miles from its currently authorized location. This earth station is currently authorized to operate in the following frequency bands: (i) 18.3-18.8 GHz, 19.7-20.2 GHz, 28.35-28.6 GHz and 29.5-30.0 GHz on a primary basis; (ii) 18.8-19.3 GHz and 28.6-29.1 GHz on a secondary basis to NGSO FSS systems; (iii) 17.8-18.3 GHz band on a secondary basis to fixed terrestrial services; (iv) 27.5-28.35 GHz on a secondary basis to Upper Microwave Flexible Use Services (UMFUS) services with the rights and protections afforded by Section 25.136; and (v) in the 17.7-17.8 GHz on an unprotected, non-interference basis pursuant to a waiver. A technical analysis has been provided for the 27.5-28.35 GHz frequency band, in accordance with 47 CFR §25.136

SITE ID: SAN 1

LOCATION: 419 11th St, Richmond, Augusta, GA

33 ° 28 ' 28.61 " N LAT.

81 ° 58 ' 21.88 " W LONG.

ANTENNA ID: 1	4.1 meters	ViaSat, Inc.	VA-41-KA
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29500.0000 - 30000.0000 MHz	417MG7D	60.00 dBW	416.6 MBd M-ary PSK Digital Data
27600.0000 - 29100.0000 MHz	417MG7D	60.00 dBW	416.6 MBd M-ary PSK Digital Data
27500.0000 - 28100.0000 MHz	500MG7D	61.60 dBW	500 MBd M-ary PSK Digital Carrier
19700.0000 - 20200.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
17800.0000 - 19300.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
17700.0000 - 18300.0000 MHz	500MG7D		500 MBd M-ary PSK Digital Carrier

Points of Communication:

SAN 1 - VIASAT-2 (S2902) - (69.9 W.L.)

SES-MOD-20180720-02562 E E160100 ViaSat, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

ViaSat, Inc. requests modification of its fixed earth station in Detroit, MI, to relocate the fixed earth station 150 feet from its currently authorized location. This earth station is currently authorized to operate in the following frequency bands: (i) 18.3-18.8 GHz, 19.7-20.2 GHz, 28.35-28.6 GHz and 29.5-30.0 GHz on a primary basis; (ii) 18.8-19.3 GHz and 28.6-29.1 GHz frequencies on a secondary basis to NGSO FSS systems; (iii) 17.8-18.3 GHz band on a secondary basis to fixed terrestrial services; (iv) 27.5-28.35 GHz frequencies on a secondary basis to Upper Microwave Flexible Use Services(UMFUS) services with the rights and protections afforded by Section 25.136; and (v) in the 17.7-17.8 GHz on an unprotected, non-interference basis pursuant to a waiver. A technical analysis has been provided for the 27.5-28.35 GHz frequency band, in accordance with 47 CFR §25.136.

SITE ID: SAN 1

LOCATION: 1965 Porter St, Wayne, Detroit, MI
42 ° 19 ' 30.06 " N LAT.

83 ° 4 ' 13.60 " W LONG.

ANTENNA ID: 1	4.1 meters	ViaSat, Inc.	VA-41-KA
29500.0000 - 30000.0000 MHz	417MG7D	60.00 dBW	416.6 MBd M-ary PSK Digital Data
27600.0000 - 29100.0000 MHz	417MG7D	60.00 dBW	416.6 MBd M-ary PSK Digital Data
27500.0000 - 28100.0000 MHz	500MG7D	61.60 dBW	500 MBd M-ary PSK Digital Carrier
19700.0000 - 20200.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
17800.0000 - 19300.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
17700.0000 - 18300.0000 MHz	500MG7D		500 MBd M-ary PSK Digital Carrier

Points of Communication:

SAN 1 - VIASAT-2 (S2902) - (69.9 W.L.)

SES-REG-20180509-00615 E E180257 Benton-Weatherford Broadcasting Inc. of Tennessee

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 110 India Road, Henry, Paris, TN

36 ° 18 ' 51.00 " N LAT.

88 ° 17 ' 37.00 " W LONG.

ANTENNA ID: 1 4.5 meters Dawnco TVRO-4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Audio and Video modulation with subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180517-00839 E E180425 AMC Networks Broadcasting and Technology LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 620 Hicksville Road, Nassau, Bethpage, NY

40 ° 44 ' 39.60 " N LAT.

73 ° 29 ' 38.10 " W LONG.

ANTENNA ID: 1 7 meters ATCI SS-7

3700.0000 - 4200.0000 MHz 36M0F3F Analog Video Carrier

3700.0000 - 4200.0000 MHz 36M0G3F Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180531-01047 E E180601 Canfin Enterprises, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 402 Cypress St., Taylor, Abilene, TX

32 ° 27 ' 10.70 " N LAT.

99 ° 44 ' 4.14 " W LONG.

ANTENNA ID: 2 3.8 meters Prodelin 3.8

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video signals

ANTENNA ID: 1 3.8 meters Patriot 3.8

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters DH Satellite	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180703-01983 E E181228 Charter Communications Operating, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 11011 E Peakview Ave, Arapahoe, Centennial, CO

39 ° 35 ' 57.90 " N LAT.

104 ° 51 ' 37.60 " W LONG.

ANTENNA ID: 1	5 meters ATCi	Simulsat 5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 2	5 meters Scientific-Atlanta	8008B
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 3	4.6 meters Andrew	ESA46
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 4	4.6 meters Scientific-Atlanta	8346
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data

ANTENNA ID:	5	4.5 meters	Andrew	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180703-01984 E E181229 Charter Communications Operating, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2345 Alaska Ave, Los Angeles, El Segundo, CA
33 ° 54 ' 27.70 " N LAT.

118 ° 22 ' 53.00 " W LONG.

ANTENNA ID:	1	5 meters	ATCi	Simulsat 5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 5	4.5 meters Andrew	ESA45
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters DH Satellite	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180705-01996 E E181237 Ethel Huff Broadcasting, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 202 E 2nd St (Station), Laurel, London, KY

37 ° 7 ' 39.73 " N LAT.

84 ° 4 ' 54.22 " W LONG.

ANTENNA ID: AMC-18 3.7 meters DAWNc0-DH #D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - SES-11 (S2964) - (104.95 W.L)

SES-REG-20180718-02476 E E181589 ARRIS Enterprises LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 900 Chelmsford St T3-3, Middlesex, Lowell, MA
 42 ° 36 ' 50.70 " N LAT. 71 ° 19 ' 31.40 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	2	2.4 meters	Prodelin	2.4 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	3	8.5 meters	Simulsat	5 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception

SITE ID: 2
 LOCATION: 3701 FAU Blvd, Palm Beach, Boca Raton, FL
 26 ° 23 ' 2.60 " N LAT. 80 ° 5 ' 55.10 " W LONG.

ANTENNA ID:	4	3.1 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	5	3.8 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception

SITE ID: 3
 LOCATION: 6450 Sequence Drive, San Diego, San Diego, CA
 32 ° 54 ' 31.50 " N LAT. 117 ° 10 ' 50.20 " W LONG.

ANTENNA ID:	6	2.6 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	7	3.6 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	8	3.65 meters	unknown	Patriot PRT380-style
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	9	3.048 meters	unknown	CM 10' mesh style
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	10	2.5 meters	unknown	unknown

	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	11	3.7 meters	Prodelin	Series 1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	12	3.8 meters	Challenger	Prime Focus
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
SITE ID:	4			
LOCATION:	2450/2500 Walsh Avenue, Santa Clara, Santa Clara, CA			
	37 ° 22 ' 8.50 " N LAT.			121 ° 58 ' 15.80 " W LONG.
ANTENNA ID:	13	3.2 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	14	3.7 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	15	1.8 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	16	1.2 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	17	3.2 meters	KTI (Kaul Tronics Inc)	mesh style
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	18	3.2 meters	Winegard	mesh style
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	19	2.4 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
SITE ID:	5			
LOCATION:	101 Tournament Drive, Montgomery, Horsham, PA			
	40 ° 12 ' 6.50 " N LAT.			75 ° 9 ' 42.50 " W LONG.
ANTENNA ID:	20	3 meters	Comtech	3.0 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Broadcast TV reception
ANTENNA ID:	21	3.8 meters	Comtech	3.8 Meter

3700.0000 - 4200.0000 MHz	36M0G7W	Broadcast TV reception
ANTENNA ID: 22	5 meters	DH Satellite
		Gibraltar
3700.0000 - 4200.0000 MHz	36M0G7W	Broadcast TV reception
SITE ID: 6		
LOCATION: 3871 Lakefield Drive, Forsyth, Suwanee, GA		
34 ° 3 ' 52.10 " N LAT.	84 ° 9 ' 16.00 " W LONG.	
ANTENNA ID: 23	3 meters	Prodelin
		Series 1304
3700.0000 - 4200.0000 MHz	36M0G7W	Broadcast TV reception

Points of Communication:

- 1 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 3 - PERMITTED LIST - ()
- 4 - PERMITTED LIST - ()
- 5 - PERMITTED LIST - ()
- 6 - PERMITTED LIST - ()

SES-REG-20180809-03133 E E181924 Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1		
LOCATION: 550 W 22nd Street, Roosevelt, Portales, NM		
34 ° 9 ' 48.00 " N LAT.	103 ° 20 ' 20.00 " W LONG.	
ANTENNA ID: 1	5 meters	Andrew
		5 Meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 2	3.8 meters	Comtech
		945 6446
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 3	3.8 meters	Comtech
		945 7573 16
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 4	3.6 meters	DH
		3.6 Meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier

SITE ID: 1
LOCATION: 340 Edwards Ave, Jefferson Parish, Harahan, LA
29 ° 56 ' 45.20 " N LAT. 90 ° 11 ' 24.20 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-4
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180821-03189 E E181942 Cox Communications Louisiana, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 340 Edwards Ave, Jefferson Parish, Harahan, LA
29 ° 56 ' 45.50 " N LAT. 90 ° 11 ' 24.80 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-4
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180821-03190 E E181943 Cox Communications Louisiana, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 340 Edwards Ave, Jefferson Parish, Harahan, LA
29 ° 56 ' 45.80 " N LAT. 90 ° 11 ' 25.10 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-4
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180821-03191 E E181944 Cox Communications Louisiana, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 41107 Hwy 621, Ascension Parish, Gonzales, LA
30 ° 16 ' 9.00 " N LAT. 90 ° 55 ' 5.80 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-4
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180821-03193 E E181946 Cox Communications Louisiana, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 41107 Hwy 621, Ascension Parish, Gonzales, LA
30 ° 16 ' 8.50 " N LAT. 90 ° 55 ' 5.60 " W LONG.

ANTENNA ID: 1 4.2 meters DAWNCo DH/DH42GAE-8P
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180821-03194 E E181947 Cox Communications Louisiana, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 41107 Hwy 621, Ascension Parish, Gonzales, LA
30 ° 16 ' 7.90 " N LAT. 90 ° 55 ' 4.80 " W LONG.

ANTENNA ID: 1 5 meters Andrew Corporation 8008
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180822-03192 E E181945 Bible Broadcasting Network, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1609 Conwell Ave., Huron, Willard, OH
41 ° 2 ' 6.30 " N LAT. 82 ° 42 ' 48.80 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304-990
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180822-03195 E E181948 Bible Broadcasting Network, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 18754 Robinsonville Rd., Sussex, Belltown, DE
38 ° 43 ' 30.80 " N LAT. 75 ° 10 ' 56.10 " W LONG.

ANTENNA ID: 1 3 meters Channel Master 6346-6969
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180823-03098 E E181899 Hearst Properties Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 100 South Commercial Street (WMUR-TV), Hillsborough, Manchester, NH
42 ° 59 ' 4.20 " N LAT. 71 ° 27 ' 57.20 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 2 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 3 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 4 4.5 meters EASI 4.5 meter

3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: 5	4.5 meters EASI	4.5 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
SITE ID: 2		
LOCATION: 100 South Commercial Street (WMUR-TV), Hillsborough, Manchester, NH		
42 ° 59 ' 4.20 " N LAT.	71 ° 27 ' 57.20 " W LONG.	
ANTENNA ID: 6	2.1 meters Digiwave	DWD210T
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20180926-03065 E E181884 Alabama 810, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 188 Broadcast Blvd (WCKA-AM), Calhoun, Jacksonville, AL

33 ° 50 ' 56.63 " N LAT. 85 ° 45 ' 44.22 " W LONG.

ANTENNA ID: A 3.7 meters DawnCo D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181001-03090 E E181892 Liberty University, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1971 University Blvd, Lynchburg, VA

37 ° 21 ' 28.80 " N LAT. 79 ° 10 ' 22.80 " W LONG.

ANTENNA ID: 1 4.5 meters Challenger Communications Navigator 45-III

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video

3700.0000 - 4200.0000 MHz

36M0F8F

Analog Video with Associated
Subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

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