



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02044

Wednesday March 14, 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-AMD-20180212-00104 E E170213 Global Foundation for Ocean Exploration, Inc.

Amendment

Class of Station: Earth Stations on-board Vessels/VSAT

Nature of Service: Earth Stations on-board Vessels, Fixed Satellite Service

See IBFS File No. SES-LIC-20171219-01341 for a description of application.

SITE ID: ESV-1-KUBAND

LOCATION: MOBILE-KUBAND U.S. and international waterways

ANTENNA ID:	ESV-1KU	1 meters	SeaTel	4006
	14000.0000 - 14500.0000 MHz	928KG7W	47.44 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	58K2G7D	34.43 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	1M40G7D	47.49 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	154KG7W	39.66 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz	928KG7W		QPSK, DATA
	11700.0000 - 12200.0000 MHz	58K2G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	1M40G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	154KG7W		QPSK, DATA

SITE ID: ESV-2-KUBAND
LOCATION: MOBILE-KUBAND U.S. and international waterways

ANTENNA ID:	ESV-2-KU	2.4 meters	SeaTel	9711(KU)
	14000.0000 - 14500.0000 MHz	64K0G7W	49.20 dBW	DIGITAL
	14000.0000 - 14500.0000 MHz	14M0G7W	66.30 dBW	DIGITAL
	11700.0000 - 12200.0000 MHz	10M7G7W		DIGITAL

SITE ID: ESV-3-C-BAND
LOCATION: MOBILE-C-BAND U.S. and international waterways

ANTENNA ID:	ESV-3-CB	2.4 meters	SeaTel	9711(CB)
	5925.0000 - 6425.0000 MHz	7M20G7W	61.20 dBW	DIGITAL
	5925.0000 - 6425.0000 MHz	128KG7W	43.70 dBW	DIGITAL
	3700.0000 - 4200.0000 MHz	10M7G7W		DIGITAL

Points of Communication:

ESV-1-KUBAND - PERMITTED LIST - ()

ESV-2-KUBAND - PERMITTED LIST - ()

ESV-3-C-BAND - PERMITTED LIST - ()

SES-AMD-20180306-00200 E E180002 Clarity Telecom, LLC DBA Vast Broadband
Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180108-00014 for a description of application.

SITE ID: 1
LOCATION: 809 Deadwood Ave, Pennington, Rapid City, SD
44 ° 5 ' 31.00 " N LAT. 103 ° 15 ' 50.00 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific Atlanta	4.5 METER
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	DVB-S2 8PSK, QPSK, QAM, video

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20171219-01341 E E170213 Global Foundation for Ocean Exploration, Inc.
Application for Authority

Class of Station: Earth Stations on-board Vessels/VSAT

Nature of Service: Earth Stations on-board Vessels, Fixed Satellite Service

Global Foundation for Oceana Exploration Inc. requests an authorization to operate ESV earth stations with the Permitted List satellites in the 14-.14.5 GHz and 5925-6425 MHz (Earth-to-space) and 11.7-12.2 GHz and 3700-4200 MHz (space-to-Earth) frequency bands. This application was amended by IBFS File No. SES-AMD-20180212-00104 to update antenna information, power levels and operational specifics.

SITE ID: ESV-1-KUBAND

LOCATION: MOBILE-KUBAND U.S. and international waterways

ANTENNA ID:	ESV-1KU	1 meters	SeaTel	4006	
	14000.0000 - 14500.0000 MHz		928KG7W	47.44 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		58K2G7D	34.43 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		1M40G7D	47.49 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		154KG7W	39.66 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		928KG7W		QPSK, DATA
	11700.0000 - 12200.0000 MHz		58K2G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		1M40G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		154KG7W		QPSK, DATA

SITE ID: ESV-2-KUBAND

LOCATION: MOBILE-KUBAND U.S. and international waterways

ANTENNA ID:	ESV-2-KU	2.4 meters	SeaTel	9711(KU)	
	14000.0000 - 14500.0000 MHz		64K0G7W	49.20 dBW	DIGITAL
	14000.0000 - 14500.0000 MHz		14M0G7W	66.30 dBW	DIGITAL
	11700.0000 - 12200.0000 MHz		10M7G7W		DIGITAL

SITE ID: ESV-3-C-BAND

LOCATION: MOBILE-C-BAND U.S. and international waterways

ANTENNA ID:	ESV-3-CB	2.4 meters	SeaTel	9711(CB)	
	5925.0000 - 6425.0000 MHz		7M20G7W	61.20 dBW	DIGITAL
	5925.0000 - 6425.0000 MHz		128KG7W	43.70 dBW	DIGITAL
	3700.0000 - 4200.0000 MHz		10M7G7W		DIGITAL

Points of Communication:

ESV-1-KUBAND - PERMITTED LIST - ()

ESV-2-KUBAND - PERMITTED LIST - ()

ESV-3-C-BAND - PERMITTED LIST - ()

SES-LIC-20180307-00194 E E180034 General Atomics Aeronautical Systems, Inc. **EZ**

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 4.0M

LOCATION:

ANTENNA ID:	4.0M	4 meters	DataPath	DKET
	14000.0000 - 14500.0000 MHz		36M0G7W 74.00 dBW	Digital data, various FEC, data rates and modulations
	14000.0000 - 14500.0000 MHz		51K2G7W 48.10 dBW	Digital data, various FEC, data rates and modulations

Points of Communication:

4.0M - PERMITTED LIST - ()

SES-MOD-20180223-00162 E E980241 DOMINION VIDEO SATELLITE, INC.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

Dominion Video Satellite, Inc. requests modification of its fixed earth station authorization in Cleveland, TN to: (1) delete its transmit authorization (convert to receive-only); (2) remove remote control point data; (3) and add three (3.5-meter), one (4.5-meter), three (5-meter) and twelve (6.3-meter) receive-only antennas. All antennas operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 492 KILE LANE SW, BRADLEY, CLEVELAND, TN

35 ° 8 ' 39.20 " N LAT.

84 ° 53 ' 51.20 " W LONG.

ANTENNA ID:	1	3.8 meters	COMTECH	COMTECH 3.8M
	3700.0000 - 4200.0000 MHz		8M20G7W 0.00 dBW	BPSK, QPSK, 8PSK
ANTENNA ID:	2	4.5 meters	PRODELIN	4.5M
	3700.0000 - 4200.0000 MHz		8M20G7W	BPSK, QPSK, 8PSK
ANTENNA ID:	3	5 meters	COMTECH	COMTECH 5M
	3700.0000 - 4200.0000 MHz		8M20G7W	BPSK, QPSK, 8PSK
ANTENNA ID:	4	6.3 meters	RSI-VERTEX	6.3 KPC

3700.0000 - 4200.0000 MHz

8M20G7W

BPSK, QPSK, 8PSK

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180307-00195 E E040242 Minnesota Public Radio

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Minnesota Public Radio requests modification of its fixed earth station to relocate it from Moorhead, MN to Saint Paul, MN. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 480 CEDAR STREET, CLAY, SAINT PAUL, MN

46 ° 45 ' 35.00 " N LAT.

96 ° 36 ' 26.00 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF

3700.0000 - 4200.0000 MHz 10M3G7W 0.00 dBW DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 30K0F1D 0.00 dBW DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180108-00014 E E180002 Clarity Telecom, LLC DBA Vast Broadband

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Clarity Telecom, LLC DBA Vast Broadband, requests registration of a receive-only fixed earth station in Rapid City, SD for reception of analog/digital video from Permitted List satellites in the 3700-4200MHz (space-to-Earth) frequency band. This application was amended by IBFS File No. SES-AMD-20180306-00200 to correct inconsistencies technical data on FCC Form 312 Schedule B and the Comsearch Frequency Coordination Analysis Report.

SITE ID: 1

LOCATION: 809 Deadwood Ave, Pennington, Rapid City, SD

44 ° 5 ' 31.00 " N LAT.

103 ° 15 ' 50.00 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific Atlanta 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DVB-S2 8PSK, QPSK, QAM, video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180307-00197 E E180035 Rhode Island Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1110 Douglas Ave, Providence, North Providence, RI
41 ° 51 ' 23.70 " N LAT. 71 ° 26 ' 36.20 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	3.7M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G7W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F3W	Analog traffic
	3700.0000 - 4200.0000 MHz		30K0F3W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180308-00201 E E180036 Hearst Stations Inc. **EZ**

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3 Television Circle, Sacramento, Sacramento, CA
38 ° 35 ' 16.70 " N LAT. 121 ° 29 ' 32.80 " W LONG.

ANTENNA ID:	1	4.5 meters	COMMSCOPE	ES45MPJ
	3700.0000 - 4200.0000 MHz		36M0G7W	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180313-00207 E E180038 Public Broadcasting of Colorado, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 315 E Costilla St, El Paso, Colorado Springs, CO
38 ° 49 ' 40.40 " N LAT. 104 ° 49 ' 9.10 " W LONG.

ANTENNA ID:	1	2.7 meters	DAWNco	D27F39
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G7W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F7W	Analog traffic
	3700.0000 - 4200.0000 MHz		30K0F7W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180313-00208 E E180039 Public Broadcasting of Colorado, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: W Mountain, Gunnison, Gunnison, CO

38 ° 31 ' 40.70 " N LAT.

106 ° 54 ' 17.10 " W LONG.

ANTENNA ID:	1	2.4 meters	Anderson	Offset
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G7W	digital data: various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F7W	Analog traffic
	3700.0000 - 4200.0000 MHz		30K0F7W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180313-00210 E E180040 Public Broadcasting of Colorado, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3150 Baculite Mesa Rd, Pueblo, Pueblo, CO

38 ° 22 ' 21.40 " N LAT.

104 ° 33 ' 40.10 " W LONG.

ANTENNA ID:	1	2.4 meters	Anderson	Offset
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3700.0000 - 4200.0000 MHz	30K0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0F7W	Analog Traffic
3700.0000 - 4200.0000 MHz	30K0F7W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180313-00211 E E180041 Public Broadcasting of Colorado, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 414 Main Street, Mesa, Grand Junction, CO

39 ° 4 ' 3.20 " N LAT.

108 ° 33 ' 56.70 " W LONG.

ANTENNA ID: 1 3 meters DAWNco D30F48

3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30K0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0F7W	Analog traffic
3700.0000 - 4200.0000 MHz	30K0F7W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180313-00212 E E180042 Public Broadcasting of Colorado, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Cedar Mountain, Moffat, Craig, CO

40 ° 33 ' 50.10 " N LAT.

107 ° 36 ' 40.60 " W LONG.

ANTENNA ID: 1 2.4 meters Anderson Offset

3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation
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3700.0000 - 4200.0000 MHz	30K0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0F7W	Analog traffic
3700.0000 - 4200.0000 MHz	30K0F7W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180313-00213 E E180043 Public Broadcasting of Colorado, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 539 Merrill Ave, Garfield, Carbondale, CO

39 ° 24 ' 16.50 " N LAT.

107 ° 12 ' 45.10 " W LONG.

ANTENNA ID: 1 2.4 meters Anderson Offset

3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30K0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0F7W	Analog traffic
3700.0000 - 4200.0000 MHz	30K0F7W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180313-00214 E E180044 Public Broadcasting of Colorado, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 20 Eagle Rd, Eagle, Avon, CO

39 ° 37 ' 19.90 " N LAT.

106 ° 29 ' 16.60 " W LONG.

ANTENNA ID: 1 2.4 meters Anderson Offset

3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30K0G7W	digital data: various FEC, data rates and modulation

3700.0000 - 4200.0000 MHz	36M0F7W	Analog traffic
3700.0000 - 4200.0000 MHz	30K0F7W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180313-00215 E E180045 Public Broadcasting of Colorado, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 740 Co Rd 41, Larimer, Bellvue, CO
40 ° 37 ' 0.00 " N LAT.

105 ° 19 ' 38.10 " W LONG.

ANTENNA ID: 1 2.7 meters DAWNco DP27P

3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30K0G7W	digital data: various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0F7W	Analog traffic
3700.0000 - 4200.0000 MHz	30K0F7W	Analog traffic

Points of Communication:

1 - PERMITTED LIST - ()

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