



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-02125

Wednesday December 19, 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-20181211-03424 E E160161 ViaSat, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

See IBFS File No. SES-MOD-20180206-00088 for a description of this application.

SITE ID: 1

LOCATION: 1236 Wayne Poultry Rd (TT&C), Jackson, Pendergrass, GA

34 ° 10 ' 29.00 " N LAT.

83 ° 40 ' 19.00 " W LONG.

ANTENNA ID:	TTC-OTB	5.4 meters	ViaSat, Inc.	841054	
2025.0000 - 2120.0000 MHz			1M31F1D	53.20 dBW	FM TT&C Command
2025.0000 - 2120.0000 MHz			153KM1D	48.00 dBW	TT&C COMMAND
2025.0000 - 2120.0000 MHz			30K0F1D	48.00 dBW	TT&C COMMAND
2025.0000 - 2120.0000 MHz			38K4M1D	48.00 dBW	TT&C COMMAND
2025.0000 - 2120.0000 MHz			614KM1D	48.00 dBW	TT&C COMMAND
2025.0000 - 2120.0000 MHz			76K8M1D	48.00 dBW	TT& C COMMAND
2025.0000 - 2120.0000 MHz			307KM1D	48.00 dBW	TT&C COMMAND

Points of Communication:

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1 - OTB (WJ2XNU) - (NGSO)

1 - Planet Labs (S2912) - (NGSO)

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**SES-ASG-20181203-03383** E E000127 Emerging Markets Communications, LLC

Application for Consent to Assignment

**Current Licensee:** Emerging Markets Communications, LLC

**FROM:** Emerging Markets Communications, LLC

**TO:** Hawaii Pacific Teleport, L.P.

No. of Station(s) listed: 5

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**SES-MOD-20180206-00088** E E160161 ViaSat, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

Viasat requests modification of its fix earth station in Pendergrass, GA to add as a point of communication the Orbital Test Bed (OTB) (NGSO) satellite (Call Sign WJ2XNU) that will operate in a 720 km x 720 km orbit at 24 degrees inclination. This earth station will continue to operate Earth-to-space and space-to-Earth links in the 2025-2120 MHz frequency band but with different emissions when communicating with WJ2XNU. The emissions will be at power levels that are at a lower EIRP per carrier, but at a higher EIRP per carrier density levels, than the emissions currently authorized. IBFS File No. SES-AMD-20181211-03424 requests an extension of the deadline for commencement of operations of this earth station.

SITE ID: 1

LOCATION: 1236 Wayne Poultry Rd (TT&C), Jackson, Pendergrass, GA

34 ° 10 ' 29.00 " N LAT.

83 ° 40 ' 19.00 " W LONG.

ANTENNA ID:	TTC-S2192	5.4 meters	ViaSat, Inc.	841054
	2025.0000 - 2120.0000 MHz		1M31F1D 53.20 dBW	FM TT&C Command

ANTENNA ID:	TTC-W2J2X	5.4 meters	ViaSat, Inc.	841054
	2025.0000 - 2120.0000 MHz		153KM1D 48.00 dBW	TT&C COMMAND
	2025.0000 - 2120.0000 MHz		30K0F1D 48.00 dBW	TT&C COMMAND
	2025.0000 - 2120.0000 MHz		38K4M1D 48.00 dBW	TT&C COMMAND
	2025.0000 - 2120.0000 MHz		614KM1D 48.00 dBW	TT&C COMMAND
	2025.0000 - 2120.0000 MHz		76K8M1D 48.00 dBW	TT& C COMMAND
	2025.0000 - 2120.0000 MHz		307KM1D 48.00 dBW	TT&C COMMAND

**Points of Communication:**

1 - OTB (WJ2XNU) - (NGSO)

1 - Planet Labs (S2912) - (NGSO)

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**SES-MOD-20180604-01206** E E000414 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Toledo, OH to: change the existing 5.0-meter antenna to a 4.5 meter; add a second 4.5-meter antenna; and change emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1  
LOCATION: 730 N. SUMMIT, LUCAS, TOLEDO, OH  
41 ° 39 ' 10.20 " N LAT. 83 ° 31 ' 56.80 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180604-01207** E E000425 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Cincinnati, OH to: change the existing 5.0-meter antenna to a 4.5 meter; add a second 4.5-meter antenna; and change emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1  
LOCATION: 19 BROADCAST PLAZA 635 WEST 7TH STREET, HAMILTON, CINCINNATI, OH  
39 ° 6 ' 7.20 " N LAT. 84 ° 31 ' 27.80 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180604-01208** E E000405 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Kansas City, MO to: change the existing 5.0-meter antenna to a 4.5 meter; add a second 4.5-meter antenna; and change emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

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SITE ID: 1  
LOCATION: 3030 SUMMIT ROAD, JACKSON, KANSAS CITY, MO  
39 ° 4 ' 19.00 " N LAT. 94 ° 35 ' 51.00 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180604-01209** E E000403 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Columbia, MO to: change the existing 5.0-meter antenna to a 4.5 meter; add a second 4.5-meter antenna; and change emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1  
LOCATION: 501 BUSINESS LOOP 70 EAST, BOONE, COLUMBIA, MO  
38 ° 57 ' 54.20 " N LAT. 92 ° 19 ' 52.70 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180604-01210** E E000613 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Tupelo, MS to: change the existing 5.0-meter antenna to a 4.5 meter; add a second 4.5-meter antenna; and change emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1  
LOCATION: 1359 BEECH SPRINGS RD., LEE, TUPELO, MS  
34 ° 19 ' 25.30 " N LAT. 88 ° 42 ' 45.60 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
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3700.0000 - 4200.0000 MHz	36M0F8F	Video Carrier
3700.0000 - 4200.0000 MHz	36M0G7F	Digital traffic, various FEC, modulations and data rates

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20180604-01211** E E000608 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Biloxi, MS to: change the existing 5.0-meter antenna to a 4.5 meter; add a second 4.5-meter antenna; and change emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 14351 HWY 49 NORTH, HARRISON, BILOXI, MS  
 30 ° 29 ' 41.70 " N LAT. 89 ° 6 ' 22.10 " W LONG.

ANTENNA ID: 4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
3700.0000 - 4200.0000 MHz	36M0G7F	Digital traffic, various FEC, modulations and data rates	
3700.0000 - 4200.0000 MHz	36M0F8F	Video Carrier	

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20180604-01212** E E070203 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Greenville, MS to: change the existing antenna 4.5 meter; add a second 4.5-meter antenna; change emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 849 WASHINGTON AVENUE (WABG), WASHINGTON, GREENVILLE, MS  
 33 ° 24 ' 26.60 " N LAT. 91 ° 3 ' 16.20 " W LONG.

ANTENNA ID: 4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
3700.0000 - 4200.0000 MHz	36M0G7F	Digital traffic, various FEC, modulations and data rates	
3700.0000 - 4200.0000 MHz	36M0F8F	Video Carrier	

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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180604-01213** E E000612 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Meridian, MS to: change the existing 5.0-meter antenna to a 4.5 meter; add a second 4.5-meter antenna; change emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

**SITE ID:** 1

**LOCATION:** 1151 CRESTVIEW CIRCLE, LAUDERDALE, MERIDIAN, MS

32 ° 19 ' 39.40 " N LAT.

88 ° 41 ' 31.90 " W LONG.

**ANTENNA ID:** 4.5M. 4.5 meters ANDREW CORP. ESA45-46A

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180529-00831** E E180420 Metro Radio Group, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 2020 Alameda St, Cleveland, Norman, OK

35 ° 13 ' 3.39 " N LAT.

97 ° 24 ' 35.80 " W LONG.

**ANTENNA ID:** 1 3.7 meters GD SATCOM 1374-990

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

**Points of Communication:**

1 - AMC-18 (S2713) - (139 WL)

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**SES-REG-20180705-02025** E E181261 VCY America Inc

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 1605 Tower Drive Road (Millie Hill), Dickinson, Iron Mountain, MI  
45 ° 49 ' 14.94 " N LAT. 88 ° 2 ' 27.51 " W LONG.

ANTENNA ID: DH1 3.9 meters Design Home 39  
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180705-02097** E E181301 Resources Management Unlmited, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 802 Calhoun Street, Ross, Chillicothe, MO  
39 ° 47 ' 42.10 " N LAT. 93 ° 33 ' 15.20 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Comtech 3.8M.  
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180706-02026** E E181262 Saga Communications of New England, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 500 North Commercial St. Suite 501, Hillsborough, Manchester, NH  
42 ° 59 ' 40.60 " N LAT. 71 ° 28 ' 5.00 " W LONG.

ANTENNA ID: WFEA 3.8 meters Patriot 3.8 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180706-02057** E E181285 Franklin Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 4401 Carriage Hill Lane (WSNY), Franklin, Columbus, OH  
40 ° 2 ' 49.70 " N LAT. 83 ° 3 ' 40.70 " W LONG.

ANTENNA ID: ANT1 3.8 meters Comtech 3.8 meter  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio  
3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW Analog Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180706-02086** E E181296 Citizen Potawatomi Nation

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1570 S. Gordon Cooper Drive (KGFF Radio Studios), Pottawatomie, Shawnee, OK  
35 ° 18 ' 9.10 " N LAT. 96 ° 55 ' 41.90 " W LONG.

ANTENNA ID: 1 3.7 meters Comtech 1374  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data/Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180706-02095** E E181299 Carroll Broadcasting Co., Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: SITE 1  
LOCATION: 1119 East Plaza Drive, Carroll, Carroll, IA  
42 ° 3 ' 0.89 " N LAT. 94 ° 50 ' 0.99 " W LONG.

ANTENNA ID: ANT 1 3.8 meters COMTECH CASI 3.8 METER  
3700.0000 - 4200.0000 MHz 30M0F8F DVBS DIGITAL

**Points of Communication:**

SITE 1 - PERMITTED LIST - ()

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**SES-REG-20180706-02098** E E181302 S & T Communications LLC

Registration

**Class of Station:** Fixed Earth Stations



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**Nature of Service:** Fixed Satellite Service

SITE ID: Site 1

LOCATION: 320 Kansas Ave, USA, Brewster, KS  
39 ° 21 ' 47.40 " N LAT.

101 ° 22 ' 38.80 " W LONG.

ANTENNA ID: ANT1            4.5 meters            Scientific-Atlanta Inc            8345  
3700.0000 - 4200.0000 MHz            36M0G7W            0.00 dBW            Modulation and Services Digital Video

ANTENNA ID: ANT2            2.8 meters            Scientific-Atlanta Inc            9000 Series  
3700.0000 - 4200.0000 MHz            36M0G7W            0.00 dBW            Modulation and Services Digital Video

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

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**SES-REG-20180709-02066**    E E181290    Salem Communications Holding Corporation

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 5757 Blue Lagoon Drive, Suite 450, Miami-Dade, MIAMI, FL  
25 ° 46 ' 59.70 " N LAT.

80 ° 17 ' 26.70 " W LONG.

ANTENNA ID: 3.8D&            3.8 meters            D&H            38DH460A  
3700.0000 - 4200.0000 MHz            36M0G7W            0.00 dBW            Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180709-02096**    E E181300    Thompson Falls Tv District

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 601 GOLF STREET, SANDERS, THOMPSONFALL, MT  
47 ° 35 ' 41.70 " N LAT.

115 ° 19 ' 18.50 " W LONG.

ANTENNA ID: 3.7DH            3.7 meters            DH Satellite            3.7M.  
3700.0000 - 4200.0000 MHz            36M0G7W            0.00 dBW            Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180710-02064** E E181289 New Inspiration Broadcasting Company, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 500Esplandade Dr. Suite #1500, Ventura, OXNARD, CA

34 ° 13 ' 44.10 " N LAT.

119 ° 10 ' 19.40 " W LONG.

ANTENNA ID: 3.7Da 3.7 meters Dawnco F-48-4pc-5.5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180716-02003** E E181243 CCI SYSTEMS, INC.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: N Linden Ave, Price, Fifield, WI

44 ° 52 ' 44.31 " N LAT.

90 ° 25 ' 25.57 " W LONG.

ANTENNA ID: 1 3.8 meters

3700.0000 - 4200.0000 MHz 36M0G7W

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180724-02099** E E181303 Team Broadcasting, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4131 Barbara Loop Suite 202, Sandoval, Rio Rancho, NM

35 ° 14 ' 6.80 " N LAT.

106 ° 39 ' 11.40 " W LONG.

ANTENNA ID: 3.0M. 3 meters Prodelin 3.0M.

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

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180727-02344** E E181464 NBC Telemundo License LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: MGardens

LOCATION: 1255 NW 210 St., BROWARD, Miami Gardens, FL

25 ° 58 ' 9.50 " N LAT.

80 ° 13 ' 18.00 " W LONG.

ANTENNA ID: WTVJTX-1 3.8 meters DH

3.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W

Digital video, audio and data on phase modulated carriers

**Points of Communication:**

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MGardens - PERMITTED LIST - ()

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**SES-REG-20180727-02345** E E181465 NBC Telemundo License LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Hartford-2

LOCATION: 1422 New Britain Ave., HARTFORD, West Hartford, CT

41 ° 43 ' 40.00 " N LAT.

72 ° 45 ' 31.00 " W LONG.

ANTENNA ID: WVIT-2 4.5 meters Challenger

CHA-45P-MOTO-HDJD

3700.0000 - 4200.0000 MHz 36M0G7W

Digital video, audio and data on phase modulated carriers

SITE ID: Hartford-3

LOCATION: 1422 New Britain Ave., HARTFORD, West Hartford, CT

41 ° 43 ' 40.00 " N LAT.

72 ° 45 ' 31.00 " W LONG.

ANTENNA ID: WVIT-3 3.8 meters Comtech Antenna Systems

3.8 meter PF

3700.0000 - 4200.0000 MHz 36M0G7W

Digital video, audio and data on phase modulated carriers

SITE ID: Hartford-1

LOCATION: 1422 New Britain Ave., HARTFORD, West Hartford, CT

41 ° 43 ' 40.00 " N LAT.

72 ° 45 ' 31.00 " W LONG.

ANTENNA ID: WVIT-1 4.5 meters Andrew Corporation

ESA45-46

3700.0000 - 4200.0000 MHz 36M0G7W

Digital video, audio and data on phase modulated carriers

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**Points of Communication:**

Hartford-1 - PERMITTED LIST - ()

Hartford-2 - PERMITTED LIST - ()

Hartford-3 - PERMITTED LIST - ()

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**SES-REG-20180809-03439** E E182012 Alabama TV License Company, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Huntsville, AL

LOCATION: 1000 Monte Sano Blvd, Huntsville, AL

34 ° 44 ' 14.60 " N LAT.

86 ° 31 ' 56.60 " W LONG.

ANTENNA ID: WAAY 1 7.3 meters Andrew ES73-1

3700.0000 - 4200.0000 MHz 36M0G7F

ANTENNA ID: WAAY 2 4.5 meters DH 45DH1

3700.0000 - 4200.0000 MHz 36M0G7F

ANTENNA ID: WAAY 3 4.5 meters Patriot 4.5M

3700.0000 - 4200.0000 MHz 36M0G7F

**Points of Communication:**

Huntsville, AL - PERMITTED LIST - ()

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**SES-REG-20180809-03451** E E182017 Comcast Cable Communications Management, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1026 S. 2nd Street, Colfax, Raton, NM

36 ° 54 ' 31.00 " N LAT.

104 ° 27 ' 59.00 " W LONG.

ANTENNA ID: 1 3 meters Patriot 3 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 3.8 meters Patriot PRT-380

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 3 3.8 meters Prodelin 3.8 Meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-REG-20180809-03482** E E182037 Comcast Cable Communications Management, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 714 Railroad Street, Warren, Warrenton, GA

33 ° 24 ' 59.00 " N LAT.

82 ° 39 ' 3.10 " W LONG.

ANTENNA ID: 1

3 meters

Patriot

3 Meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

SITE ID: 2

LOCATION: 714 Railroad Street, Warren, Warrenton, GA

33 ° 24 ' 59.10 " N LAT.

82 ° 39 ' 3.10 " W LONG.

ANTENNA ID: 2

4.2 meters

Scientific Atlanta

4.2 Meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

SITE ID: 3

LOCATION: 714 Railroad Street, Warren, Warrenton, GA

33 ° 24 ' 59.30 " N LAT.

82 ° 39 ' 2.50 " W LONG.

ANTENNA ID: 3

4.2 meters

Scientific Atlanta

4.2 Meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

SITE ID: 4

LOCATION: 714 Railroad Street, Warren, Warrenton, GA

33 ° 24 ' 59.40 " N LAT.

82 ° 39 ' 3.30 " W LONG.

ANTENNA ID: 4

4.2 meters

Scientific Atlanta

4.2 Meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

SITE ID: 5

LOCATION: 714 Railroad Street, Warren, Warrenton, GA

33 ° 24 ' 58.90 " N LAT.

82 ° 39 ' 2.90 " W LONG.

ANTENNA ID: 5

4.2 meters

Scientific Atlanta

4.2 Meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

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SITE ID: 6  
LOCATION: 714 Railroad Street, Warren, Warrenton, GA  
33 ° 25 ' 0.10 " N LAT. 82 ° 39 ' 3.00 " W LONG.

ANTENNA ID: 6 3.6 meters Patriot 3.6 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

SITE ID: 7  
LOCATION: 714 Railroad Street, Warren, Warrenton, GA  
33 ° 24 ' 59.90 " N LAT. 82 ° 39 ' 2.80 " W LONG.

ANTENNA ID: 7 3.6 meters Patriot 3.6 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

**Points of Communication:**

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

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**SES-REG-20180809-03487** E E182040 Comcast Cable Communications Management, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1251 Wilmington Avenue, Salt Lake, Salt Lake City, UT  
40 ° 43 ' 25.00 " N LAT. 111 ° 51 ' 18.50 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 4.5 meters Superior Satellite Equipment 8345  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

**Points of Communication:**

- 1 - PERMITTED LIST - ()
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**SES-REG-20180814-02821** E E181783 The Moody Bible Institute of Chicago

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1502 Amsterdam St., Polk, Mena, AR  
34 ° 34 ' 26.00 " N LAT. 94 ° 14 ' 4.00 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		230KG7W	0.00 dBW
				QPSK broadcasting

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180814-03476** E E182031 Hearst Stations Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 5 TV Place, Norfolk, Needham, MA  
42 ° 18 ' 13.70 " N LAT. 71 ° 13 ' 40.80 " W LONG.

ANTENNA ID:	1	6.1 meters	Harris	5242
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video, audio, data
ANTENNA ID:	2	4.5 meters	EASI	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video, audio, data
ANTENNA ID:	3	4.5 meters	EASI	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180817-02851** E E181808 Cox Communications Arizona, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 17602 N Black Canyon Hwy, Maricopa, Phoenix, AZ  
33 ° 38 ' 45.30 " N LAT. 112 ° 7 ' 0.20 " W LONG.

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ANTENNA ID:	1	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-03425** E E182008 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: .45 mi. W of Ave 30 & 56th St., Buffalo, Kearney, NE  
40 ° 43 ' 36.60 " N LAT. 99 ° 7 ' 48.70 " 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 - ()

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**SES-REG-20180822-03452** E E182018 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1.6 km S of S Loop 286 on CR 11300, Lamar, Paris, TX  
33 ° 36 ' 58.90 " N LAT. 95 ° 32 ' 49.60 " 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 - ()

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**SES-REG-20180822-03468** E E182023 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 621 Claude Rd., Hall, Grand Island, NE  
40 ° 54 ' 50.00 " N LAT. 98 ° 23 ' 8.20 " W LONG.



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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 - ()

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**SES-REG-20180822-03470**    E E182025    Bible Broadcasting Network, Inc.

Registration

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:                      1

LOCATION:                    146 North Shields Lane, Adams, Natchez, MS

31 ° 32 ' 47.20 " N LAT.

91 ° 22 ' 31.90 " 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 - ()

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**SES-REG-20180822-03471**    E E182026    Bible Broadcasting Network, Inc.

Registration

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:                      1

LOCATION:                    2470 Horton Rd., Chautauqua, Jamestown, NY

42 ° 7 ' 52.00 " N LAT.

79 ° 13 ' 12.20 " W LONG.

ANTENNA ID: 1                      2.8 meters                      Scientific Atlanta                      9000  
3700.0000 - 4200.0000 MHz                      36M0G7W                      0.00 dBW                      Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-03475**    E E182030    Bible Broadcasting Network, Inc.

Registration

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:                      1

LOCATION:                    Decker Ave Power Pole J26630, Cambria, Johnstown, PA

40 ° 22 ' 16.30 " N LAT.

78 ° 58 ' 56.20 " W LONG.

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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 - ()

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**SES-REG-20180822-03477** E E182032 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 401 Kye St., Angelina, Lufkin, TX  
31 ° 20 ' 5.90 " N LAT. 94 ° 40 ' 10.90 " 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 - ()

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**SES-REG-20180822-03478** E E182033 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4515 Moulton St., Hunt, Greenville, TX  
33 ° 7 ' 24.00 " N LAT. 96 ° 5 ' 47.80 " 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 - ()

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**SES-REG-20180822-03481** E E182036 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 6018 Beatty Ln, Erie, Sandusky, OH  
41 ° 23 ' 58.20 " N LAT. 82 ° 39 ' 7.70 " W LONG.

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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 - ()

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**SES-REG-20180822-03483** E E182038 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 5367 Back Orrville Rd., Wayne, Wooster, OH

40 ° 49 ' 41.10 " N LAT.

81 ° 52 ' 13.10 " 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 - ()

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**SES-REG-20180822-03490** E E182043 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1736 Bayou Marie Rd., Rapides, Pineville, LA

31 ° 18 ' 23.90 " N LAT.

92 ° 24 ' 11.80 " 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 - ()

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**SES-REG-20180822-03491** E E182044 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4083 State Street, Burleigh, Bismarck, ND

46 ° 50 ' 59.80 " N LAT.

100 ° 46 ' 12.80 " W LONG.

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ANTENNA ID: K204FG 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 - ()

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**SES-REG-20180822-03492** E E182045 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1005 N. Interlake Dr., Livingston, Pontiac, IL  
40 ° 53 ' 10.90 " N LAT.

88 ° 38 ' 41.50 " 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 - ()

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**SES-REG-20180823-03472** E E182027 Radio Maria, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: HWY99 at 17th St, Blair, Altoona, PA  
40 ° 29 ' 18.70 " N LAT.

78 ° 21 ' 19.30 " W LONG.

ANTENNA ID: 1 2.4 meters ASC Signal 2.4 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03473** E E182028 Radio Maria, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 601 W State St, Shelby, Botkins, OH  
40 ° 28 ' 2.50 " N LAT.

84 ° 11 ' 23.00 " W LONG.

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ANTENNA ID:	1	2.4 meters	Prodelin	3 meter	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03474** E E182029 Radio Maria, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4891 Co Rd HH, Door, Sturgeon Bay, WI

44 ° 54 ' 25.00 " N LAT.

87 ° 22 ' 17.00 " W LONG.

ANTENNA ID:	1	2.4 meters	ASC Signal	2.4 Meter	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180824-03428** E E182011 KPAX Communications, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1049 W. Central Avenue, Missoula, Missoula, MT

46 ° 51 ' 0.00 " N LAT.

114 ° 0 ' 52.20 " W LONG.

ANTENNA ID:	1	3.1 meters	Patriot	PRT-310	
	3700.0000 - 4200.0000 MHz		36M0G7F		Digital video, audio, data

ANTENNA ID:	2	3.7 meters	Prodelin	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7F		Digital video, audio, data

ANTENNA ID:	3	3.7 meters	DH	37DH4	
	3700.0000 - 4200.0000 MHz		36M0G7F		Digital video audio data

ANTENNA ID:	5	4.5 meters	DH	45DH1	
	3700.0000 - 4200.0000 MHz		36M0G7F		Digital video audio data

ANTENNA ID:	6	4.6 meters	Vertex	4.6 KPC/KPK
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3700.0000 - 4200.0000 MHz	36M0G7F	Digital video audio data
ANTENNA ID: 7	4.6 meters Andrew	ES45MPJ-1
3700.0000 - 4200.0000 MHz	36M0G7F	Digital video audio data
<b>Points of Communication:</b>		
1 - PERMITTED LIST - ()		
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<b>SES-REG-20180827-03469</b>	E E182024	Comcast Cable Communications Management, LLC
Registration		
<b>Class of Station:</b>	Fixed Earth Stations	
<b>Nature of Service:</b>	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	2291 Venter Road, King William, Aylett, VA	
	37 ° 45 ' 22.90 " N LAT.	77 ° 7 ' 35.80 " W LONG.
ANTENNA ID: 1	4.5 meters Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 2	3.2 meters Scientific-Atlanta	9000
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
<b>Points of Communication:</b>		
1 - PERMITTED LIST - ()		
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<b>SES-REG-20180827-03488</b>	E E182041	Comcast Cable Communications Management, LLC
Registration		
<b>Class of Station:</b>	Fixed Earth Stations	
<b>Nature of Service:</b>	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	1717 E. Bukeye Ave., Spokane, Spokane, WA	
	47 ° 40 ' 58.00 " N LAT.	117 ° 22 ' 59.00 " W LONG.
ANTENNA ID: 1	4.5 meters Scientific Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 2	4.6 meters Scientific Atlanta	8125
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
<b>Points of Communication:</b>		
1 - PERMITTED LIST - ()		

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**SES-REG-20180827-03489** E E182042 Comcast Cable Communications Management, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 200 SW 114th Street, King, Seattle, WA  
47 ° 30 ' 5.90 " N LAT.

122 ° 20 ' 12.90 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific Atlanta	8345PF
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180829-03426** E E182009 Mainstreet Communications LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 831 Main St. S., Stearns, Sauk Centre, MN  
45 ° 43 ' 47.08 " N LAT.

94 ° 57 ' 3.14 " W LONG.

ANTENNA ID:	1	4.5 meters	Satellite Export & Engineering	Patriot 4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video reception for CATV retransmission

ANTENNA ID:	2	4.5 meters	Satellite Export & Engineering	Patriot 4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video reception for CATV retransmission

ANTENNA ID:	3	4.5 meters	Satellite Export & Engineering	Patriot 4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video reception for CATV retransmission

ANTENNA ID:	4	4.5 meters	Satellite Export & Engineering	Patriot 4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video reception for CATV retransmission

ANTENNA ID:	5	4.5 meters	Satellite Export & Engineering	Patriot 4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video reception for CATV retransmission

ANTENNA ID:	6	4.5 meters	Satellite Export & Engineering	Patriot 4.5
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video reception for CATV retransmission
ANTENNA ID: 7	4.5 meters	Satellite Export & Engineering	Patriot 4.5
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video reception for CATV retransmission
ANTENNA ID: 8	4.5 meters	Satellite Export & Engineering	Patriot 4.5
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video reception for CATV retransmission
ANTENNA ID: 9	4.5 meters	Satellite Export & Engineering	Patriot 4.5
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video reception for CATV retransmission

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-REG-20180829-03465** E E182020 WTCM Radio, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 300 East Front St, Grand Traverse, Traverse City, MI

44 ° 45 ' 50.10 " N LAT.

85 ° 37 ' 4.20 " W LONG.

ANTENNA ID: 1	3.8 meters	Prime Focus	3.8 meter
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio
3700.0000 - 4200.0000 MHz	36M0F8W	0.00 dBW	Analog Audio
ANTENNA ID: 2	3.8 meters	Prime Focus	3.8 meter
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio
3700.0000 - 4200.0000 MHz	36M0F8W	0.00 dBW	Analog Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-REG-20181102-03446** E E182014 Heartland Tower Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service



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SITE ID: Kelley  
 LOCATION: 27879 510th Ave., Story, Kelley, IA  
 41 ° 57 ' 7.80 " N LAT. 93 ° 40 ' 42.60 " W LONG.

ANTENNA ID: Kelley 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Atlantic  
 LOCATION: 58997 610th Street, Cass, Atlantic, IA  
 41 ° 22 ' 30.10 " N LAT. 95 ° 0 ' 49.30 " W LONG.

ANTENNA ID: Atlantic 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Audubon  
 LOCATION: 2053 Pheasant Ave. (N36 Hwy), Audubon, Audubon, IA  
 41 ° 42 ' 36.10 " N LAT. 94 ° 48 ' 5.50 " W LONG.

ANTENNA ID: Audubon 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Chelsea  
 LOCATION: 3821 Highway V18, Tama, Chelsea, IA  
 41 ° 53 ' 18.00 " N LAT. 92 ° 24 ' 50.00 " W LONG.

ANTENNA ID: Chelsea 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Arispe  
 LOCATION: 2664 255th Street, Union, Arispe, IA  
 40 ° 55 ' 59.50 " N LAT. 94 ° 9 ' 16.40 " W LONG.

ANTENNA ID: Arispe 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Gilman  
 LOCATION: 2973 310 Street, Marshall, Gilman, IA  
 41 ° 54 ' 24.90 " N LAT. 92 ° 51 ' 0.40 " W LONG.

ANTENNA ID: Gilman 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Griswold  
 LOCATION: 16874 M47 (500th St), Pottawattamie, Griswold, IA  
 41 ° 15 ' 27.70 " N LAT. 95 ° 13 ' 57.70 " W LONG.

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ANTENNA ID: Griswold      4.5 meters      ASC Signal      ES45P-1  
 3700.0000 - 4200.0000 MHz      30M0G7W      Digital Video

SITE ID: Homestead  
 LOCATION: 3329 Hwy 6 Trail, Iowa, Homestead, IA  
 41 ° 45 ' 37.20 " N LAT.      91 ° 50 ' 45.80 " W LONG.

ANTENNA ID: Homestead      4.5 meters      ASC Signal      ES45P-1  
 3700.0000 - 4200.0000 MHz      30M0G7W      Digital Video

SITE ID: Mondamin  
 LOCATION: 550 yds SW of Hwy 127 & Irwin Ave., Harrison, Mondamin, IA  
 41 ° 41 ' 36.20 " N LAT.      95 ° 56 ' 17.60 " W LONG.

ANTENNA ID: Mondamin      4.5 meters      ASC Signal      ES45P-1  
 3700.0000 - 4200.0000 MHz      30M0G7W      Digital Video

SITE ID: Elk Horn  
 LOCATION: 337 Highway 173, Shelby, Elk Horn, IA  
 41 ° 32 ' 42.10 " N LAT.      95 ° 3 ' 29.20 " W LONG.

ANTENNA ID: Elk Horn      4.5 meters      ASC Signal      ES45P-1  
 3700.0000 - 4200.0000 MHz      30M0G7W      Digital Video

SITE ID: Panora  
 LOCATION: 2993 190th Street, Guthrie, Panora, IA  
 41 ° 43 ' 54.70 " N LAT.      94 ° 21 ' 30.00 " W LONG.

ANTENNA ID: Panora      4.5 meters      ASC Signal      ES45P-1  
 3700.0000 - 4200.0000 MHz      30M0G7W      Digital Video

SITE ID: Portsmouth  
 LOCATION: 1250 Cedar Rd., Shelby, Portsmouth, IA  
 41 ° 41 ' 16.50 " N LAT.      95 ° 31 ' 9.30 " W LONG.

ANTENNA ID: Portsmouth      4.5 meters      ASC Signal      ES45P-1  
 3700.0000 - 4200.0000 MHz      30M0G7W      Digital Video

SITE ID: Atlanta  
 LOCATION: 23366 22nd Rd., Cowley, Atlanta, KS  
 37 ° 26 ' 49.00 " N LAT.      96 ° 44 ' 34.00 " W LONG.

ANTENNA ID: Atlanta      4.5 meters      ASC Signal      ES45P-1  
 3700.0000 - 4200.0000 MHz      30M0G7W      Digital Video

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SITE ID: Basehor  
 LOCATION: 17490 158th Rd, Leavenworth, Basehor, KS  
 39 ° 5 ' 32.00 " N LAT. 94 ° 56 ' 43.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Morse  
 LOCATION: 2184 S. Bridgets Rd NE, Johnson, Morse, IA  
 41 ° 46 ' 26.00 " N LAT. 91 ° 22 ' 24.00 " W LONG.

ANTENNA ID: Morse 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: El Dorado  
 LOCATION: 4995 NW Hopkins Switch Rd., Butler, El Dorado, KS  
 37 ° 53 ' 48.00 " N LAT. 96 ° 55 ' 58.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Fort Scott  
 LOCATION: 1311 185th Street, Bourbon, Fort Scott, KS  
 37 ° 51 ' 1.90 " N LAT. 94 ° 46 ' 4.30 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Hoisington  
 LOCATION: 6 Mi N of K-4 Hwy at NE 40 Rd., Barton, Hoisington, KS  
 38 ° 36 ' 20.00 " N LAT. 98 ° 41 ' 51.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Hoyt  
 LOCATION: 11891 U4 Rd., Jackson, Hoyt, KS  
 39 ° 15 ' 41.00 " N LAT. 95 ° 39 ' 21.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Dodge City  
 LOCATION: 1506 W. Comanche St., Ford, Dodge City, KS  
 37 ° 45 ' 58.00 " N LAT. 100 ° 2 ' 4.00 " W LONG.

ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Matfield Green			
LOCATION:	2266 50th Rd., Chase, Olpe, KS		96 ° 26 ' 14.00 " W LONG.	
	38 ° 8 ' 40.00 " N LAT.			
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	McPherson			
LOCATION:	2046 17th Ave., McPherson, McPherson, KS		97 ° 36 ' 39.00 " W LONG.	
	38 ° 28 ' 15.00 " N LAT.			
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Paola			
LOCATION:	Hwy 68 - Bethel Church & Crescent Hill Rd, Miami, Paola, KS		94 ° 59 ' 14.10 " W LONG.	
	38 ° 37 ' 21.30 " N LAT.			
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Parsons			
LOCATION:	1721 S. Highway 59, Labette, Parsons, KS		95 ° 15 ' 58.90 " W LONG.	
	37 ° 19 ' 26.50 " N LAT.			
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Louisburg			
LOCATION:	29747 S. Coldwater Rd., Miami, Louisburg, KS		94 ° 37 ' 14.00 " W LONG.	
	38 ° 35 ' 10.00 " N LAT.			
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Topeka			
LOCATION:	5030 SW Auburn Rd., Shawnee, Topeka, KS		95 ° 48 ' 34.00 " W LONG.	
	38 ° 58 ' 34.00 " N LAT.			
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video

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SITE ID: Robstown  
 LOCATION: 4835 CR 79, Nueces, Robstown, TX  
 27 ° 50 ' 21.10 " N LAT. 97 ° 43 ' 16.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Newcastle  
 LOCATION: 6801 N. US 62 Highway, McClain, Newcastle, OK  
 35 ° 12 ' 6.61 " N LAT. 97 ° 36 ' 2.14 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Ransom  
 LOCATION: 841 yds SE of K-4 Hwy & 533 Rd., Ness, Ransom, KS  
 38 ° 37 ' 52.90 " N LAT. 99 ° 59 ' 22.60 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Pawnee Rock  
 LOCATION: 1360 SW 40th Rd., Barton, Pawnee Rock, LA  
 38 ° 18 ' 18.00 " N LAT. 99 ° 1 ' 28.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Table Mound  
 LOCATION: 4862 Table Mound Rd., Montgomery, Independence, KS  
 37 ° 15 ' 42.20 " N LAT. 95 ° 46 ' 2.90 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: TopekaSE  
 LOCATION: 4316 SE Oakview Ln, Shawnee, Topeka, KS  
 38 ° 59 ' 22.40 " N LAT. 95 ° 40 ' 27.10 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Tribune  
 LOCATION: 1441 yds W. of K96 & Astor Rd. S. Side., Greeley, Tribune, KS  
 38 ° 27 ' 55.00 " N LAT. 101 ° 54 ' 56.50 " W LONG.

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ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Walnut			
LOCATION:	1497 W. 710 Ave., Crawford, Walnut, KS			
	37 ° 38 ' 42.00 " N LAT.			95 ° 5 ' 15.00 " W LONG.
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	St. Marys			
LOCATION:	27240 Diamond Rd., Pottawatomie, St. Marys, KS			
	39 ° 15 ' 35.90 " N LAT.			96 ° 4 ' 52.90 " W LONG.
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Carthage			
LOCATION:	1253 W. Mound, Jasper, Carthage, MO			
	37 ° 10 ' 52.20 " N LAT.			94 ° 19 ' 35.40 " W LONG.
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Marshall			
LOCATION:	.5 mil N. on CR-103 from Hwy 240, Saline, Marshall, MO			
	39 ° 8 ' 19.50 " N LAT.			93 ° 11 ' 37.80 " W LONG.
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Columbus			
LOCATION:	1 mi E Hwy 64 fr Hwy 81 then S 2 mi, Butler, Columbus, NE			
	41 ° 18 ' 21.00 " N LAT.			97 ° 20 ' 57.00 " W LONG.
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Humboldt			
LOCATION:	63211 718th Rd., Richardson, Humboldt, NE			
	40 ° 13 ' 55.00 " N LAT.			95 ° 58 ' 18.00 " W LONG.
ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video

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SITE ID: Belton  
 LOCATION: 401 S. Mullen Rd., Cass, Belton, MO  
 38 ° 48 ' 28.19 " N LAT. 94 ° 30 ' 41.33 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Ketchum  
 LOCATION: 3 mi N of Ketchum on 4480 Rd., Craig, Ketchum, OK  
 36 ° 34 ' 2.00 " N LAT. 95 ° 1 ' 24.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Canton  
 LOCATION: 29120 Hwy 11, Lincoln, Canton, SD  
 43 ° 10 ' 2.50 " N LAT. 96 ° 37 ' 40.10 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Kismet  
 LOCATION: RR #1 Box 73, Seward, Kismet, KS  
 37 ° 15 ' 28.10 " N LAT. 100 ° 47 ' 50.10 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Liberal  
 LOCATION: 4.8 km NE of 6-points intersection, Seward, Liberal, KS  
 37 ° 3 ' 11.50 " N LAT. 100 ° 51 ' 17.00 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Winslow  
 LOCATION: 26677 CO Rd. 10, Washington, Winslow, NE  
 41 ° 37 ' 30.20 " N LAT. 96 ° 25 ' 7.50 " W LONG.

ANTENNA ID: ANT1 4.5 meters ASC Signal ES45P-1  
 3700.0000 - 4200.0000 MHz 30M0G7W Digital Video

SITE ID: Plains  
 LOCATION: Between Plains & Meade, Meade, Plains, KS  
 37 ° 17 ' 11.00 " N LAT. 100 ° 29 ' 58.00 " W LONG.

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ANTENNA ID:	ANT1	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital Video

**Points of Communication:**

Arispe - PERMITTED LIST - ()  
Atlanta - PERMITTED LIST - ()  
Atlantic - PERMITTED LIST - ()  
Audubon - PERMITTED LIST - ()  
Basehor - PERMITTED LIST - ()  
Chelsea - PERMITTED LIST - ()  
Elk Horn - PERMITTED LIST - ()  
Gilman - PERMITTED LIST - ()  
Griswold - PERMITTED LIST - ()  
Homestead - PERMITTED LIST - ()  
Kelley - PERMITTED LIST - ()  
Mondamin - PERMITTED LIST - ()  
Morse - PERMITTED LIST - ()  
Panora - PERMITTED LIST - ()  
Portsmouth - PERMITTED LIST - ()  
Ransom - PERMITTED LIST - ()

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**SES-STA-20181010-03160** E E960131 Iridium Satellite LLC  
Special Temporary Authority

**Class of Station:**

Iridium Satellite LLC requests special temporary authority for 180 days to operate its fixed earth station in Tempe, AZ to provide launch and early orbit phase (LEOP) services to the Iridium NEXT NGSO satellites in the 19.4-19.6 GHz (space-to-Earth) and 29.1-29.3 GHz (Earth-to-space) frequency bands.

**Points of Communication:**

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**SES-STA-20181018-03213** 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:**

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