



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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News media information 202-418-0500  
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Report No. SES-02203

Wednesday September 25, 2019

## Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-LIC-20190816-01062 E E190648 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SpaceX Services seeks authority to operate a gateway earth station located in Conrad, MT with the Space Exploration Holdings, LLC (SpaceX) NGSO Satellite Systems, Call Signs S2983 and S3018, orbiting at 550 km, in the 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth), and in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space) frequency bands. SpaceX will operate on a non-interference basis with respect to UMFUS systems in the 27.5-28.35 GHz (Earth-to-space) frequency band. At a later time, SpaceX will demonstrate that operations with this station will comply with the provisions of 25.136(a)(4) of the Commission's rules, which allows earth station licensees in this band to operate without providing additional interference protection to UMFUS systems when conditions are satisfied.

SITE ID: 1

LOCATION: 250 Dusty Rd (Conrad MT Gateway), Pondera, Conrad, MT  
48 ° 12 ' 11.90 " N LAT. 111 ° 56 ' 43.00 " W LONG.

ANTENNA ID:	CO-1	1.47 meters	SpaceX	1.47M
	17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
	18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
	27500.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data

Points of Communication:

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1 - SPACEX (S2983/3018) - (NGSO)

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**SES-LIC-20190816-01063** E E190649 SpaceX Services, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SpaceX Services seeks authority to operate a gateway earth station located in Loring, ME with the Space Exploration Holdings, LLC (SpaceX) NGSO Satellite Systems, Call Signs S2983 and S3018, orbiting at 550 km, in the 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth), and in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space) frequency bands. SpaceX will operate on a non-interference basis with respect to UMFUS systems in the 27.5-28.35 GHz (Earth-to-space) frequency band. At a later time, SpaceX will demonstrate that operations with this station will comply with the provisions of 25.136(a)(4) of the Commission's rules, which allows earth station licensees in this band to operate without providing additional interference protection to UMFUS systems when conditions are satisfied.

SITE ID: 1

LOCATION: 1500 ME-8 (Loring ME Gateway), Aroostook, Limestone, ME  
46 ° 54 ' 53.70 " N LAT. 67 ° 55 ' 10.30 " W LONG.

ANTENNA ID:	LO-1	1.47 meters	SpaceX	1.47M
	17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
	18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
	27500.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data

**Points of Communication:**

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1 - SPACEX (S2983/3018) - (NGSO)

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**SES-LIC-20190827-01110** E E190676 SpaceX Services, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SpaceX Services seeks authority to operate gateway earth station located in Redmond, WA with the Space Exploration Holdings, LLC (SpaceX) NGSO Satellite Systems, Call Signs S2983 and S3018 operating at 550 km, in the 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth), and in the 28.35-19.1 GHz and 29.5-30.0 GHz (Earth-to-space) frequency bands.

SITE ID: 1

LOCATION: 23040 NE Alder Crest Drive, King, Redmond, WA  
47 ° 41 ' 39.10 " N LAT. 122 ° 1 ' 55.70 " W LONG.

ANTENNA ID:	1	1.47 meters	SpaceX	1.47M
	17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
	18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data

28350.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data
29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data

**Points of Communication:**

1 - SPACEX (S2983/3018) - (NGSO)

**SES-LIC-20190906-01170** E E190724 SpaceX Services, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SpaceX Services seeks authority to operate gateway earth station located in Greenville, PA with the Space Exploration Holdings, LLC (SpaceX) NGSO Satellite Systems, Call Signs S2983 and S3018 operating at 550 km, in the 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth), and in the 28.35-19.1 GHz and 29.5-30.0 GHz (Earth-to-space) frequency bands.

SITE ID: 1

LOCATION: 1020 Methodist Road, Mercer, Greenville, PA

41 ° 26 ' 0.80 " N LAT.

80 ° 19 ' 59.60 " W LONG.

ANTENNA ID: 1 1.47 meters SpaceX 1.47M

17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
28350.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data
29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data

**Points of Communication:**

1 - SPACEX (S2983/3018) - (NGSO)

**SES-LIC-20190906-01171** E E190725 SpaceX Services, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SpaceX Services seeks authority to operate gateway earth station located in Merrillan, WI with the Space Exploration Holdings, LLC (SpaceX) NGSO Satellite Systems, Call Signs S2983 and S3018 operating at 550 km, in the 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth), and in the 28.35-19.1 GHz and 29.5-30.0 GHz (Earth-to-space) frequency bands.

SITE ID: 1

LOCATION: W10022 Garage Road, Jackson, Merrillan, WI

44 ° 24 ' 22.80 " N LAT.

90 ° 48 ' 51.40 " W LONG.

ANTENNA ID: 1 1.47 meters SpaceX 1.47M

17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
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18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data
28350.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data
29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64QAM; Digital Data

**Points of Communication:**

1 - SPACEX (S2983/3018) - (NGSO)

**SES-LIC-20190909-01166** E E930489 Comcast Cable Communications Management, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 7235 W. Titan Road, Douglas, Littleton, CO

39 ° 30 ' 50.00 " N LAT.

105 ° 1 ' 30.50 " W LONG.

ANTENNA ID: 1	9.1 meters	Scientific-Atlanta	8009A-1
11700.0000 - 12200.0000 MHz	36M0G7W		Digital Data Carrier
11700.0000 - 12200.0000 MHz	36M0F3W		Analog Video and audio subcarriers
14000.0000 - 14500.0000 MHz	36M0G7W	86.40 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0F3W	79.90 dBW	Analog Video and audio subcarriers

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MFS-20181213-03453** E E170121 Intelsat License LLC

Modification

**Class of Station:** Other

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

This application is returned to the Accepted for Filing Public Notice to include the technical characteristics of antenna IDs "BB30" and "BB45". Intelsat License LLC requests modification of its blanket license earth stations aboard aircraft (ESAA) to add two new terminal types, the SkyTech Model BB30Ku (BB30) and the SkyTech Model BB45Ku (BB45), for ESAA and VMES operations with previously authorized satellites points of communication (including any U.S.-licensed or non-U.S. licensed satellites on the Commission's Permitted Space Station List). Intelsat also requests authority to operate with four additional satellites as points of communication for ESAA operations outside the United States at power levels higher than those allowed for communications with Permitted List satellites. Specifically, Intelsat requests authority for the following additional operations: Intelsat 33e (S2939) at the 60° E.L. orbital location in the 10.95-11.2 GHz, 11.45-11.7 GHz, and 11.7-12.2 GHz frequency bands; Galaxy 16 (S2687) at the 43.15° W.L. orbital location in the 11.7-12.2 GHz frequency band; Galaxy 18 (S2733) at the 60° E.L. orbital location in the 11.7-12.2 GHz frequency band; and Intelsat 905 (S2409) at the 335.5° E.L. orbital location in the 10.95-11.20 GHz and 11.45-11.7 GHz frequency bands for all current licensed Site IDs and the requested Site Ids. Additionally, Intelsat requests the Commission permit ESAA operations using the BB30 and BB45 in the 12.2-12.75 GHz frequency band under the same non-interference conditions that currently apply to the other terminals authorized under its current license. See IBFS File No. SES-LIC-20170626-00682.

SITE ID: TECOM REMOTES

LOCATION: .65 METER, (1000 UNITS)

ANTENNA ID:	TECOM	0.65 meters	TECOM	1500
	14000.0000 - 14500.0000 MHz	2M59G7W	42.50 dBW	Digital Data Services
	14000.0000 - 14250.0000 MHz	375KG7W	34.10 dBW	Digital Data Services
	14000.0000 - 14250.0000 MHz	2M59G7W	42.50 dBW	Digital Data Services
	12500.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
	12500.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
	12500.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	12250.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
	12250.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
	12250.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	12200.0000 - 12250.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
	12200.0000 - 12250.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	12200.0000 - 12250.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
	11700.0000 - 12200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
	11700.0000 - 12200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
	11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	11700.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
	11700.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	11700.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
	11450.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
	11450.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
	11450.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	11450.0000 - 11700.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
	11450.0000 - 11700.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
	11450.0000 - 11700.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
	10950.0000 - 11200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services

10950.0000 - 11200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services

SITE ID: RANTEC REMOTES  
LOCATION: .46 METER, (1000 UNITS)

ANTENNA ID:	Rantec	0.46 meters	Rantec Microwave Systems	Rantec SATCOM
14000.0000 - 14500.0000 MHz	375KG7W	30.60 dBW	Digital Data Services	
14000.0000 - 14500.0000 MHz	7M05G7W	43.40 dBW	Digital Data Services	
14000.0000 - 14250.0000 MHz	375KG7W	30.60 dBW	Digital Data Services	
14000.0000 - 14250.0000 MHz	7M05G7W	43.40 dBW	Digital Data Services	
12500.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
12500.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
12500.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
12250.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
12250.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
12250.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
12200.0000 - 12250.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
12200.0000 - 12250.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
12200.0000 - 12250.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
11700.0000 - 12200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
11700.0000 - 12200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
11700.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
11700.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
11700.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
11450.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
11450.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
11450.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	

11450.0000 - 11700.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services

SITE ID: HR129 REMOTES  
LOCATION: 0.29 METER (1000 UNITS)

ANTENNA ID: HR129	0.24 meters	ASTRONICS AEROS	HR129
14000.0000 - 14250.0000 MHz	72M0G7W	40.20 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	1M20G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	54M0G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	1M20G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	18M0G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	54M0G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	1M20G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
14000.0000 - 14250.0000 MHz	375KG7W	27.40 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	375KG7W	27.40 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	7M05G7W	40.20 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	1M20G7W		Digital Data Services

11450.0000 - 11700.0000 MHz	18M0G7W	Digital Data Services
11450.0000 - 11700.0000 MHz	54M0G7W	Digital Data Services
11450.0000 - 11950.0000 MHz	1M20G7W	Digital Data Services
11700.0000 - 11950.0000 MHz	54M0G7W	Digital Data Services
11700.0000 - 12200.0000 MHz	1M20G7W	Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W	Digital Data Services
12200.0000 - 12250.0000 MHz	54M0G7W	Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W	Digital Data Services
12500.0000 - 12750.0000 MHz	18M0G7W	Digital Data Services
12500.0000 - 12750.0000 MHz	54M0G7W	Digital Data Services

SITE ID: HR6400 REMOTES  
LOCATION: 0.86 METER (1000 UNITS)

ANTENNA ID: HR6400	0.86 meters	ASTRONICS AEROSAT	HR6400
14000.0000 - 14250.0000 MHz	2M59G7W	42.00 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	2M59G7W	42.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	54M0G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	54M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	54M0G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	1M20G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	18M0G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	54M0G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	54M0G7W		Digital Data Services



11450.0000 - 11700.0000 MHz	18M0G7W		Digital Data Services
14000.0000 - 14250.0000 MHz	375KG7W	33.60 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	375KG7W	33.60 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	1M20G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	1M20G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	1M20G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	18M0G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	1M20G7W		Digital Data Services

SITE ID: BB45KUREMOTES  
LOCATION: USTerritory (0.3m VMES) Intl' airspace(0.45m ESAA)

ANTENNA ID: BB45KU	0.45 meters	SKYTECH	BB45
10950.0000 - 11200.0000 MHz	1M20G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	18M0G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	54M0G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	54M0G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	1M20G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	18M0G7W		Digital Data Services

12250.0000 - 12750.0000 MHz	54M0G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	1M20G7W		Digital Data Services
14000.0000 - 14250.0000 MHz	375KG7W	29.90 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	7M05G7W	42.60 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	1M20G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	1M20G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	54M0G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	18M0G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	54M0G7W		Digital Data Services
14000.0000 - 14250.0000 MHz	7M05G7W	42.60 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	375KG7W	29.90 dBW	Digital Data Services

SITE ID: BB30KUREMOTES  
LOCATION: U.S. Territory (0.3m SkyTech VMES) Intl' airspace(0.45m SkyTech ESAA)

ANTENNA ID: BB30KU	0.3 meters	SKYTECH	BB30
14000.0000 - 14500.0000 MHz	375KG7W	34.10 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	1M20G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	18M0G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	54M0G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services

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11700.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	54M0G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	1M20G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	18M0G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	54M0G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	1M20G7W		Digital Data Services
14000.0000 - 14250.0000 MHz	7M05G7W	37.00 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	7M05G7W	37.00 dBW	Digital Data Services
14000.0000 - 14250.0000 MHz	375KG7W	24.30 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	375KG7W	24.30 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W		Digital Data Services
10590.0000 - 11200.0000 MHz	54M0G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	1M20G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	18M0G7W		Digital Data Services
11450.0000 - 11950.0000 MHz	54M0G7W		Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	1M20G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W		Digital Data Services
12200.0000 - 12250.0000 MHz	54M0G7W		Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	18M0G7W		Digital Data Services
12500.0000 - 12750.0000 MHz	54M0G7W		Digital Data Services

**Points of Communication:**

BB30KUREMOTES - GALAXY 16 (S2687) - (99 W.L.)

BB30KUREMOTES - GALAXY 18 (S2733) - (123 W.L.)

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BB30KUREMOTES - HORIZONS-3 (S2947) - (169 E.L.)

BB30KUREMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

BB30KUREMOTES - INTELSAT 17 (S2814) - (66 E.L.)

BB30KUREMOTES - INTELSAT 18 (S2817) - (180 E.L.)

BB30KUREMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

BB30KUREMOTES - INTELSAT 20 - (68.5 E.L.)

BB30KUREMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

BB30KUREMOTES - INTELSAT 22 - (72.1 E. L.)

BB30KUREMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

BB30KUREMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

BB30KUREMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

BB30KUREMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

BB30KUREMOTES - Intelsat 905 (S2409) - (24.5 W.L.)

BB30KUREMOTES - PERMITTED LIST - ()

BB45KUREMOTES - GALAXY 16 (S2687) - (99 W.L.)

BB45KUREMOTES - GALAXY 18 (S2733) - (123 W.L.)

BB45KUREMOTES - HORIZONS-3 (S2947) - (169 E.L.)

BB45KUREMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

BB45KUREMOTES - INTELSAT 17 (S2814) - (66 E.L.)

BB45KUREMOTES - INTELSAT 18 (S2817) - (180 E.L.)

BB45KUREMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

BB45KUREMOTES - INTELSAT 20 - (68.5 E.L.)

BB45KUREMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

BB45KUREMOTES - INTELSAT 22 - (72.1 E. L.)

BB45KUREMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

BB45KUREMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

BB45KUREMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

BB45KUREMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

BB45KUREMOTES - Intelsat 905 (S2409) - (24.5 W.L.)

BB45KUREMOTES - PERMITTED LIST - ()

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HR129 REMOTES - GALAXY 16 (S2687) - (99 W.L.)

HR129 REMOTES - GALAXY 18 (S2733) - (123 W.L.)

HR129 REMOTES - GALAXY 19 (S2647) - (97 W.L.)

HR129 REMOTES - HORIZONS 1 (S2475) - (127 WL)

HR129 REMOTES - HORIZONS-3 (S2947) - (169 E.L.)

HR129 REMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

HR129 REMOTES - INTELSAT 17 (S2814) - (66 E.L.)

HR129 REMOTES - INTELSAT 18 (S2817) - (180 E.L.)

HR129 REMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

HR129 REMOTES - INTELSAT 20 - (68.5 E.L.)

HR129 REMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

HR129 REMOTES - INTELSAT 22 - (72.1 E. L.)

HR129 REMOTES - INTELSAT 23 - (53 W. L.)

HR129 REMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

HR129 REMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

HR129 REMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

HR129 REMOTES - INTELSAT 35e(S2959) - (34.5 W.L.)

HR129 REMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

HR129 REMOTES - Intelsat 905 (S2409) - (24.5 W.L.)

HR129 REMOTES - PERMITTED LIST - ()

HR129 REMOTES - SKY-B1(S2922) - (43.15 W.L.)

HR6400 REMOTES - GALAXY 16 (S2687) - (99 W.L.)

HR6400 REMOTES - GALAXY 18 (S2733) - (123 W.L.)

HR6400 REMOTES - GALAXY 19 (S2647) - (97 W.L.)

HR6400 REMOTES - HORIZONS 1 (S2475) - (127 WL)

HR6400 REMOTES - HORIZONS-3 (S2947) - (169 E.L.)

HR6400 REMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

HR6400 REMOTES - INTELSAT 17 (S2814) - (66 E.L.)

HR6400 REMOTES - INTELSAT 18 (S2817) - (180 E.L.)

HR6400 REMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

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HR6400 REMOTES - INTELSAT 20 - (68.5 E.L.)

HR6400 REMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

HR6400 REMOTES - INTELSAT 22 - (72.1 E. L.)

HR6400 REMOTES - INTELSAT 23 - (53 W. L.)

HR6400 REMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

HR6400 REMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

HR6400 REMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

HR6400 REMOTES - INTELSAT 35e(S2959) - (34.5 W.L.)

HR6400 REMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

HR6400 REMOTES - Intelsat 905 (S2409) - (24.5 W.L.)

HR6400 REMOTES - PERMITTED LIST - ()

HR6400 REMOTES - SKY-B1(S2922) - (43.15 W.L.)

RANTEC REMOTES - GALAXY 16 (S2687) - (99 W.L.)

RANTEC REMOTES - GALAXY 18 (S2733) - (123 W.L.)

RANTEC REMOTES - GALAXY 19 (S2647) - (97 W.L.)

RANTEC REMOTES - HORIZONS 1 (S2475) - (127 WL)

RANTEC REMOTES - HORIZONS-3 (S2947) - (169 E.L.)

RANTEC REMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

RANTEC REMOTES - INTELSAT 17 (S2814) - (66 E.L.)

RANTEC REMOTES - INTELSAT 18 (S2817) - (180 E.L.)

RANTEC REMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

RANTEC REMOTES - INTELSAT 20 - (68.5 E.L.)

RANTEC REMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

RANTEC REMOTES - INTELSAT 22 - (72.1 E. L.)

RANTEC REMOTES - INTELSAT 23 - (53 W. L.)

RANTEC REMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

RANTEC REMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

RANTEC REMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

RANTEC REMOTES - INTELSAT 35e(S2959) - (34.5 W.L.)

RANTEC REMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

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RANTEC REMOTES - Intelsat 905 (S2409) - (24.5 W.L.)

RANTEC REMOTES - PERMITTED LIST - ()

RANTEC REMOTES - SKY-B1(S2922) - (43.15 W.L.)

TECOM REMOTES - GALAXY 16 (S2687) - (99 W.L.)

TECOM REMOTES - GALAXY 18 (S2733) - (123 W.L.)

TECOM REMOTES - GALAXY 19 (S2647) - (97 W.L.)

TECOM REMOTES - HORIZONS 1 (S2475) - (127 WL)

TECOM REMOTES - HORIZONS-3 (S2947) - (169 E.L.)

TECOM REMOTES - INTELSAT 14 (S2785) - (45.0 W.L.)

TECOM REMOTES - INTELSAT 17 (S2814) - (66 E.L.)

TECOM REMOTES - INTELSAT 18 (S2817) - (180 E.L.)

TECOM REMOTES - INTELSAT 19 (S2850) - (166.0 E.L.)

TECOM REMOTES - INTELSAT 20 - (68.5 E.L.)

TECOM REMOTES - INTELSAT 21 (S2863) - (58.0 W.L.)

TECOM REMOTES - INTELSAT 22 - (72.1 E. L.)

TECOM REMOTES - INTELSAT 23 - (53 W. L.)

TECOM REMOTES - INTELSAT 29e (S2913) - (50.0 W.L.)

TECOM REMOTES - INTELSAT 33e (S2939) - (60.0 E.L.)

TECOM REMOTES - INTELSAT 34(S2915) - (55.5 W.L.)

TECOM REMOTES - INTELSAT 35e(S2959) - (34.5 W.L.)

TECOM REMOTES - INTELSAT 37e (S2972) - (18.0 W.L.)

TECOM REMOTES - Intelsat 905 (S2409) - (24.5 W.L.)

TECOM REMOTES - PERMITTED LIST - ()

TECOM REMOTES - SKY-B1(S2922) - (43.15 W.L.)

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**SES-MOD-20190212-00172**    E   E180006    ViaSat, Inc.

Application for Modification

**Class of Station:**        Other

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

Viasat, Inc. seeks to modify its SES-LIC-20180123-00055 ESAA authorization to operate two transmit/receive earth station antenna models mounted on aircraft to provide service in the United States using the ViaSat-2 satellite at 69.9° W.L. Viasat seeks to: (i) add the 18.8-19.3 GHz and 28.6-29.1 GHz band segments designated as primary for NGSO FSS and secondary for GSO FSS; (ii) add the 27.5-28.35 GHz band segment designated as primary for Upper Microwave Flexible Use (UMFU) services, but limited to operations for earth stations at altitudes of 10,000 feet or more above ground level; and (iii) correct the license by adding the 18.1-18.3 GHz band segment allocated primarily for terrestrial fixed service and on a secondary basis for FSS downlinks.

SITE ID: M40  
 LOCATION: ESAAs (.397 METER, 4000 UNITS), CONUS, HI, PR

ANTENNA ID:	M40	0.397 meters	Viasat, Inc.	M-40
	28100.0000 - 28350.0000 MHz	5M0G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
	28600.0000 - 29100.0000 MHz	5M0G7D	43.50 dBW	5.0 MBd PSK, Digital Carrier
	28100.0000 - 28350.0000 MHz	10M0G7D	43.50 dBW	10.0 MBd PSK, Digital Carrier
	28100.0000 - 28350.0000 MHz	20M0G7D	43.50 dBW	20.0 MBd PSK, Digital Carrier
	28600.0000 - 29100.0000 MHz	20M0G7D	43.50 dBW	20.0 MBd PSK, Digital Carrier
	18800.0000 - 19300.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data
	17700.0000 - 18300.0000 MHz	500MG7D		500 MBd M-ary PSK Digital Data
	28600.0000 - 29100.0000 MHz	10M0G7D	43.50 dBW	10.0 MBd PSK, Digital Carrier

SITE ID: GM40  
 LOCATION: ESAAs (.397 METER, 4000 UNITS), CONUS, HI, PR

ANTENNA ID:	GM40	0.397 meters	Viasat, Inc.	GM-40
	27500.0000 - 28350.0000 MHz	80M0G7D	55.50 dBW	80 MBd PSK, Digital Carrier
	28600.0000 - 29100.0000 MHz	80M0G7D	55.50 dBW	80 MBd PSK, Digital Carrier
	27500.0000 - 28350.0000 MHz	160MG7D	55.50 dBW	160 MBd PSK, Digital Carrier
	27500.0000 - 28350.0000 MHz	320MG7D	55.50 dBW	320 MBd PSK, Digital Carrier
	28600.0000 - 29100.0000 MHz	160MG7D	55.50 dBW	160 MBd PSK, Digital Carrier
	28600.0000 - 29100.0000 MHz	320MG7D	55.50 dBW	320 MBd PSK, Digital Carrier
	17700.0000 - 18300.0000 MHz	500MG7D		500 MBd M-ary PSK Digital Data
	18800.0000 - 19300.0000 MHz	417MG7D		416.6 MBd M-ary PSK Digital Data

**Points of Communication:**

GM40 - VIASAT-2 (S2902) - (69.9 W.L.)



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M40 - VIASAT-2 (S2902) - (69.9 W.L.)

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**SES-REG-20180910-04254** E E190585 Buford Satellite Systems. L.P.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 421 Barnfield Road, Richmond, Haynesville, VA

37 ° 57 ' 18.49 " N LAT.

76 ° 40 ' 9.48 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 3 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180910-04265** E E190596 TIME BROADCASTERS, INC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 7 Boonshill Road, Lincoln, Fayetteville, TN

35 ° 9 ' 28.00 " N LAT.

86 ° 35 ' 25.00 " W LONG.

ANTENNA ID: 3.6M. 3.6 meters Patriot 3.0M

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-20180910-04266** E E190597 Buford Satellite Systems. L.P.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 1001 Olivesburg Road (Richland Correctiona), Richland, Mansfield, OH  
40 ° 47 ' 0.78 " N LAT. 82 ° 30 ' 0.68 " W LONG.

ANTENNA ID: Richland 1 3.7 meters Prodelin Unk  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL  
ANTENNA ID: Richland 2 3.7 meters Prodelin Unk  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180910-04267** E E190598 Buford Satellite Systems. L.P.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 144 Prison Lane (Fluvanna CC Women), Fluvanna, Troy, VA  
37 ° 59 ' 4.09 " N LAT. 78 ° 16 ' 11.59 " W LONG.

ANTENNA ID: Fluvanna2 3.7 meters Prodelin Unk  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL  
ANTENNA ID: Fluvanna1 3.7 meters Prodelin Unk  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180910-04270** E E190601 Gray Television Licensee, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1114 Grand Ave. (WSAW), Wausau, WI  
44 ° 56 ' 47.54 " N LAT. 89 ° 37 ' 19.23 " W LONG.

ANTENNA ID: WSAW 1 4.6 meters Scientific Atlanta 8346  
3700.0000 - 4200.0000 MHz 6M00C7W Digital  
ANTENNA ID: WSAW 2 7 meters Scientific Atlanta 8010C

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3700.0000 - 4200.0000 MHz	6M00C7W	Digital
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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180910-04271** E E190602 Buford Satellite Systems, L.P.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 920 Old River Road (Pocahontas CC), Tazewell, Pocahontas, VA  
37 ° 17 ' 47.42 " N LAT. 81 ° 21 ' 47.96 " W LONG.

ANTENNA ID: Pocahonta2 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

ANTENNA ID: Pocahonta1 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180910-04273** E E190604 Gray Television Licensee, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

The Antenna Gain has been corrected per Letter Dated September 11, 2019 request. See Other Filings Tab.

SITE ID: 1

LOCATION: 1701 North Stadium Road (WTVG), Oregon, OH  
41 ° 40 ' 59.88 " N LAT. 83 ° 24 ' 48.99 " W LONG.

ANTENNA ID: WTVG 1 7 meters Scientific Atlanta 8029

3700.0000 - 4200.0000 MHz 36M0G7F Digital

ANTENNA ID: WTVG 2 5 meters Scientific Atlanta 8023

3700.0000 - 4200.0000 MHz 36M0G7F Digital

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180910-04287** E E190620 Northern Broadcast Ministries, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 670 Sweden Rd (49517), Aroostook, Caribou, ME

46 ° 53 ' 12.00 " N LAT.

68 ° 2 ' 43.00 " W LONG.

ANTENNA ID: Ant 1 3.8 meters Patriot 3.8 Meter Prime Focu

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog Video with associated subcarriers

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180910-04288** E E190621 Buford Satellite Systems. L.P.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2841 River Road (Virginia CC Women), Goochland, Goochland, VA

37 ° 40 ' 34.62 " N LAT.

77 ° 53 ' 16.58 " W LONG.

ANTENNA ID: VACCWomen3 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

ANTENNA ID: VACCWomen2 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

ANTENNA ID: VACCWomen1 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180910-04289** E E190622 Buford Satellite Systems. L.P.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2338 North West Street, Allen, Lima, OH

40 ° 46 ' 24.35 " N LAT.

84 ° 6 ' 2.82 " W LONG.

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ANTENNA ID: 2                      3.7 meters              Prodelin                      Unk  
3700.0000 - 4200.0000 MHz                      36M0G7W

ANTENNA ID: 1                      3.7 meters              Prodelin                      Unk  
3700.0000 - 4200.0000 MHz                      36M0G7W

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180911-04285**    E E190618    Mapleton License of Chico, LLC

Registration

**Class of Station:**    Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:                      1

LOCATION:                      1459 Humboldt Road, Butte, Chico, CA

39 ° 44 ' 5.09 " N LAT.

121 ° 48 ' 58.36 " W LONG.

ANTENNA ID: 1                      3.7 meters              Prodelin                      1374  
3700.0000 - 4200.0000 MHz                      36M0F8W                      0.00 dBW                      Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180912-04324**    E E190643    Crown Broadcasting Corp.

Registration

**Class of Station:**    Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:                      1

LOCATION:                      304 Oskaloosa St (KCWN Earth Station), Marion, Pella, IA

41 ° 23 ' 55.40 " N LAT.

92 ° 54 ' 33.90 " W LONG.

ANTENNA ID: 1                      3.7 meters              Prodelin                      4096-272  
3700.0000 - 4200.0000 MHz                      36M0G7W                      Digital

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180913-04335**    E E190659    Lamke Broadcasting, Inc.

Registration

**Class of Station:**    Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

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SITE ID: 1  
LOCATION: 507 S.E. 11th St. (KOZY Studio), Itasca, Grand Rapids, MN  
47 ° 13 ' 13.40 " N LAT. 93 ° 31 ' 10.50 " W LONG.

ANTENNA ID: KOZY 3.7 meters Prodelin 1374  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data  
3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW Analog audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180928-04352** E E190681 Nantucket Public Radio, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 215 cliff road (Nantucket MA-1), Nantucket, Nantucket, MA  
41 ° 17 ' 5.00 " N LAT. 70 ° 8 ' 25.00 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374  
3700.0000 - 4200.0000 MHz 30K0G7W 0.00 dBW Digital Data and Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180928-04354** E E190683 New Jersey Public Broadcasting Authority

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 301 Grovers Mill Rd (Lawrenceville #1), Mercer, Lawrence Township, NJ  
40 ° 17 ' 8.00 " N LAT. 74 ° 40 ' 55.00 " W LONG.

ANTENNA ID: Lwrnvl #1 10 meters Andrew 10 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20181010-04279** E E190612 Mapleton License of Alexandria, LLC

Registration

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 92 West Shamrock Street (Pineville Studio), Rapides, Pineville, LA  
31 ° 19 ' 22.60 " N LAT. 92 ° 26 ' 6.00 " W LONG.

ANTENNA ID:	1	3 meters	Orbitron	SX-10	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital video, audio and data

ANTENNA ID:	2	3.7 meters	Prodelin	1374	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-STA-20190830-01175** E E170122 Intelsat License LLC

Special Temporary Authority

**Class of Station:**

Intelsat License LLC requests special temporary authority for 180 days to operate its fixed earth station in Ellenwood, GA to provide launch and early orbit phase service for the Eutelsat-7C satellite, and conduct telemetry, tracking, and command services during in-orbit testing and as the satellite drifts to its final orbital location. LEOP operations will be performed on the following frequencies: 11199.0 MHz, 11200.6 MHz, 11698.2 MHz, and 11699.0 MHz (space-to-Earth), and 13750.40 MHz, 13999.25 MHz, 14250.00 MHz, and 14499.80 MHz (Earth-to-space).

**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.