



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-02307

Wednesday October 7, 2020

## 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-20200609-00618** E E201194 SpaceX Services, Inc.

Amendment

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

See IBFS File No. SES-LIC-20200327-00326 for a description of application.

SITE ID: Beekmantown NY Gatew

LOCATION: Clinton, BEEKMANTOWN, NY

44 ° 47 ' 23.90 " N LAT.

73 ° 28 ' 48.00 " W LONG.

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

17800.0000 - 18600.0000 MHz

480MD7W

BPSK up to 64 QAM; Digital Data

**Points of Communication:**

Beekmantown NY Gateway - SPACEX (S2983/3018) - (NGSO)

**SES-ASG-20200826-00925** E E050075 Live Mobile Group LLC

Application for Consent to Assignment

**Current Licensee:** Live Mobile Group LLC

**FROM:** Live Mobile Group LLC

**TO:** Coastal Satellite, Inc.

No. of Station(s) listed: 4

**SES-ASG-20200923-01048** E E040317 Scripps Media, Inc.

Application for Consent to Assignment

**Current Licensee:** Scripps Media, Inc.

**FROM:** Scripps Media, Inc.

**TO:** Mission Broadcasting, Inc.

No. of Station(s) listed: 5

**SES-LIC-20200305-00216** E E200877 WMMP Licensee L.P.

Application for Authority

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: Various - Temporary Fixed

ANTENNA ID: 1 1.4 meters AVL Technologies 1410K

14000.0000 - 14500.0000 MHz 36M0G7W 65.47 dBW One 36 Mbit MCPC digital carrier for voice/data with an emission designator of 36M0G7W

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-LIC-20200327-00325** E E201193 SpaceX Services, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Arbuckle CA Gateway

LOCATION: Colusa, Arbuckle, CA

39 ° 3 ' 25.20 " N LAT.

122 ° 3 ' 36.00 " W LONG.

ANTENNA ID: CO-1 1.47 meters SpaceX 1.47M

17800.0000 - 18600.0000 MHz 480MD7W 0.00 dBW BPSK up to 64 QAM; Digital Data

18800.0000 - 19300.0000 MHz 480MD7W 0.00 dBW BPSK up to 64 QAM; Digital Data

27500.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data

**Points of Communication:**

Arbuckle CA Gateway - SPACEX (S2983/3018) - (NGSO)

**SES-LIC-20200327-00326** E E201194 SpaceX Services, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

See IBFS File No. SES-AMD-20200609-00618 for a description of application.

SITE ID: Beekmantown NY Gatew

LOCATION: Clinton, BEEKMANTOWN, NY

44 ° 47 ' 23.90 " N LAT.

73 ° 28 ' 48.00 " W LONG.

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

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

**Points of Communication:**

Beekmantown NY Gatew - SPACEX (S2983/3018) - (NGSO)

**SES-LIC-20200410-00399** E E201606 SpaceX Services, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Litchfield CT Gate

LOCATION: Litchfield, Litchfield, CT

41 ° 32 ' 42.10 " N LAT.

73 ° 21 ' 14.50 " W LONG.

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

**Points of Communication:**

Litchfield CT Gate - SPACEX (S2983/3018) - (NGSO)

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**SES-LIC-20200417-00422** E E201763 SpaceX Services, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Nemaha NE Gateway

LOCATION: Nemaha, NE

40 ° 20 ' 1.20 " N LAT.

95 ° 48 ' 55.00 " W LONG.

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

**Points of Communication:**

Nemaha NE Gateway - SPACEX (S2983/3018) - (NGSO)

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**SES-MOD-20200506-00500** E E140069 X2nSat

Application for Modification

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

X2nSat requests modification of its VSAT Network license to add one 7.6-meter Ku band antenna to the existing VSAT Network in California as an alternative HUB.

SITE ID: HUB-1  
 LOCATION: 1310 Redwood Way (6.1M. HUB-1310PET), Sonoma, Petaluma, CA  
 38 ° 16 ' 27.20 " N LAT. 122 ° 39 ' 48.50 " W LONG.

ANTENNA ID:	PET-Ku-3	6.1 meters	Viasat	6.1m Ku 8060	
	14000.0000 - 14500.0000 MHz		4M57G7D	60.50 dBW	16APSK, Data
	14000.0000 - 14500.0000 MHz		1M50G7D	55.50 dBW	16APSK, Data
	11700.0000 - 12200.0000 MHz		3M00G7D	0.00 dBW	4CPM, Data
	11700.0000 - 12200.0000 MHz		2M00G7D	0.00 dBW	4CPM, Data
	11700.0000 - 12200.0000 MHz		1M50G7D	0.00 dBW	4CPM, Data
	11700.0000 - 12200.0000 MHz		768KG7D	0.00 dBW	4CPM, Data
	11700.0000 - 12200.0000 MHz		512KG7D	0.00 dBW	4CPM, Data
	11700.0000 - 12200.0000 MHz		256KG7D	0.00 dBW	4CPM, Data
	11700.0000 - 12200.0000 MHz		128KG7D	0.00 dBW	4CPM, DATA

SITE ID: Remote18  
 LOCATION: 1.8M. VSAT(1000UNITS), Conus, AK,HI,PR VI

ANTENNA ID:	Remote1.8	1.8 meters	Skyware Global	1.8MKU	
	14000.0000 - 14500.0000 MHz		3M00G7D	51.50 dBW	4CPM, Data
	14000.0000 - 14500.0000 MHz		2M00G7D	49.50 dBW	4CPM, Data
	14000.0000 - 14500.0000 MHz		1M50G7D	48.50 dBW	4CPM, Data
	14000.0000 - 14500.0000 MHz		768KG7D	45.50 dBW	4CPM, Data
	14000.0000 - 14500.0000 MHz		512KG7D	43.50 dBW	4CPM, Data
	14000.0000 - 14500.0000 MHz		256KG7D	40.50 dBW	4CPM, Data
	14000.0000 - 14500.0000 MHz		128KG7D	37.50 dBW	4CPM, Data
	11700.0000 - 12200.0000 MHz		4M57G7D	0.00 dBW	16APSK, Data
	11700.0000 - 12200.0000 MHz		1M50G7D	0.00 dBW	16APSK, Data

SITE ID: Remote12  
 LOCATION: 1.2M. VSAT(3000UNITS), Conus, AK,HI,PR VI

ANTENNA ID:	Remote1.2	1.2 meters	Skyware Global	1.2MKU
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14000.0000 - 14500.0000 MHz	128KG7D	37.00 dBW	4CPM, Data
14000.0000 - 14500.0000 MHz	256KG7D	40.00 dBW	4CPM, Data
14000.0000 - 14500.0000 MHz	512KG7D	43.00 dBW	4CPM, Data
14000.0000 - 14500.0000 MHz	768KG7D	45.00 dBW	4CPM, Data
14000.0000 - 14500.0000 MHz	1M50G7D	48.00 dBW	4CPM, Data
11700.0000 - 12200.0000 MHz	4M57G7D	0.00 dBW	16APSK, Data
11700.0000 - 12200.0000 MHz	1M50G7D	0.00 dBW	16APSK, Data

SITE ID: Remote75  
LOCATION: .75M. VSAT(2000UNITS), Conus, AK,HI,PR VI

ANTENNA ID: Remote0.75	0.75 meters	Newtec	75cm
14000.0000 - 14500.0000 MHz	128KG7D	38.00 dBW	4CPM, Data
14000.0000 - 14500.0000 MHz	256KG7D	38.00 dBW	4CPM, Data
14000.0000 - 14500.0000 MHz	512KG7D	38.00 dBW	4CPM, Data
14000.0000 - 14500.0000 MHz	768KG7D	38.00 dBW	4CPM, Data
11700.0000 - 12200.0000 MHz	1M50G7D	0.00 dBW	16APSK, Data
11700.0000 - 12200.0000 MHz	4M57G7D	0.00 dBW	16APSK, Data

SITE ID: HUB 2  
LOCATION: 8811 TRIGG LOOP Alternative HUB-(7.6M.), LAS CRUCES, NM  
32 ° 15 ' 30.00 " N LAT. 106 ° 54 ' 30.00 " W LONG.

ANTENNA ID: W26	7.6 meters	Andrew	ES76K-1
14000.0000 - 14500.0000 MHz	4M57G7D	62.00 dBW	16APSK, Data
14000.0000 - 14500.0000 MHz	1M50G7D	57.00 dBW	16APSK, Data
11700.0000 - 12200.0000 MHz	768KG7D		4CPM, Data
11700.0000 - 12200.0000 MHz	512KG7D		4CPM, Data
11700.0000 - 12200.0000 MHz	3M00G7D		4CPM, Data
11700.0000 - 12200.0000 MHz	2M00G7D		4CPM, Data
11700.0000 - 12200.0000 MHz	256KG7D		4CPM, Data
11700.0000 - 12200.0000 MHz	1M50G7D		4CPM, Data

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11700.0000 - 12200.0000 MHz

128KG7D

4CPM, Data

**Points of Communication:**

HUB 2 - PERMITTED LIST - ()

HUB-1 - SES-2 (S2826) - (87 W.L.)

Remote12 - SES-2 (S2826) - (87 W.L.)

Remote18 - SES-2 (S2826) - (87 W.L.)

Remote75 - SES-2 (S2826) - (87 W.L.)

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**SES-MOD-20200731-00807** E E190066 SpaceX Services, Inc.

Application for Modification

**Class of Station:** Other

**Nature of Service:** Fixed Satellite Service

SpaceX Services, Inc. requests modification of its blanket licensed earth stations to increase the number of fixed earth stations authorized to 5,000,000 to communicate with the current licensed satellites in the current licensed frequency bands.

SITE ID: 1

LOCATION: CONUS, Hawaii, Alaska, Puerto Rico, USVI

ANTENNA ID:	1	0.48 meters	SpaceX	TBD
	14000.0000 - 14500.0000 MHz	62M5D7W	38.20 dBW	BPSK up to 64QAM; Digital Data
	10700.0000 - 12700.0000 MHz	240MD7W		BPSK up to 64QAM; Digital Data

**Points of Communication:**

1 - SPACEX (S2983) - (NGSO)

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**SES-STA-20200113-00043** E E990066 Denali 20020, LLC

Special Temporary Authority

**Class of Station:**

Denali 20020, Inc. requests special temporary authority for 180 days to communicate with the Astroscale ELSA-d "Servicer" non-geostationary orbit space station, which will be licensed by the United Kingdom and operating pursuant to an ITU filing submitted by the Japanese administration. Operations with the Astroscale ELSA-d "Servicer" space station would support a demonstration of rendezvous and proximity operations, capture and removal of orbital debris. Denali 20020 will operate with the Astroscale ELSA-d "Servicer" space station to support telemetry, tracking, and command using the 2025-2110 MHz (Earth-to-space) and 2200-2290 MHz (space-to-Earth) frequency bands; and to support downlinking imaging data in the 8450-8500 MHz (space-to-Earth) frequency band. Specifically, Denali 20020 seeks to communicate with the "Servicer" space station using an uplink center frequency of 2095 MHz (Earth-to-space) with a bandwidth of 300 kHz, a downlink center frequency of 2275 MHz (space-to-Earth) with a bandwidth of 461 kHz, and a downlink center frequency 8470 MHz (space-to-Earth) with a bandwidth of 31 MHz. Denali seeks waiver of the application filing requirements in sections 25.114 and 25.137 of the Commission's rules, 47 CFR §§ 25.114, 25.137, but in the alternative, seeks U.S. market access to the extent necessary for the Astroscale ELSA-d space station operations.

**Points of Communication:**

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**SES-STA-20200811-00859** E University of Miami - CSTARS

Special Temporary Authority

**Class of Station:**

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The University of Miami Center for Southeastern Tropical Advanced Remote Sensing (C-Stars) requests special temporary authority for 180 days to communicate with the Astroscale ELSA-d "Servicer" non-geostationary orbit space station, which will be licensed by the United Kingdom and operating pursuant to an ITU filing submitted by the Japanese administration. Operations with the Astroscale ELSA-d "Servicer" space station would support a demonstration of rendezvous and proximity operations, capture and removal of orbital debris. C-Stars would operate with the Astroscale ELSA-d "Servicer" to support downlink of telemetry and tracking, and imagery facilitating rendezvous and proximity operations in the 8450-8500 MHz (space-to-Earth) frequency band. Specifically, C-Stars seeks to receive transmissions from the Astroscale ELSA-D "Servicer" space station in the 8454.3645-8485.6355 MHz frequency band. C-Stars seeks waiver of the U.S. Table of Frequency Allocations, 47 CFR § 2.106, to the extent necessary. C-Stars also seeks waiver of the application filing requirements in sections 25.114 and 25.137 of the Commission's rules, 47 CFR §§ 25.114, 25.137, but in the alternative, seeks U.S. market access to the extent necessary for the Astroscale ELSA-d space station operations.

**Points of Communication:**

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**SES-T/C-20200915-01018**    E E120106    Intelsat S.A., as debtor-in-possession  
Application for Consent to Transfer of Control  
**Current Licensee:**    Gogo CA Licenses LLC  
**FROM:** Gogo Intermediate Holdings LLC  
**TO:**    Intelsat S.A., as debtor-in-possession

No. of Station(s) listed: 2

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