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**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 13474 Highway 11 S (SAN 1.8 m.), Tuscaloosa, Fosters, AL  
33 ° 5 ' 37.65 " N LAT. 87 ° 41 ' 10.49 " W LONG.

ANTENNA ID:	SAN 1	1.8 meters	Viasat	13138xx	
27500.0000 - 28350.0000 MHz			464MG7D	59.90 dBW	464 MBd digital data carrier
27500.0000 - 28350.0000 MHz			325MG7D	58.30 dBW	325 MBd digital data carrier
17700.0000 - 18300.0000 MHz			464MG7D	0.00 dBW	464 MBd digital data carrier
17700.0000 - 18300.0000 MHz			320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz			160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz			80M0G7D	0.00 dBW	80 MBd digital data carrer
17700.0000 - 18300.0000 MHz			40M0G7D	0.00 dBW	40 MBd digital data carrier
17700.0000 - 18300.0000 MHz			20M0G7D	0.00 dBW	20 MBd digital data carrier
17700.0000 - 18300.0000 MHz			10M0G7D	0.00 dBW	10 MBd digital data carrier
17700.0000 - 18300.0000 MHz			5M00G7D	0.00 dBW	5 MBd digital data carrier

**Points of Communication:**

1 - ViaSat-3 (S2917) - (88.9 W.L.)

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**SES-LIC-20211027-01751** E E210421 SpaceX Services, Inc.  
Application for Authority 04/22/2022 - 04/22/2037  
Grant of Authority Date Effective: 04/22/2022

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Frederick,MD Gateway  
LOCATION: Frederick, Frederick, MD  
39 ° 23 ' 49.10 " N LAT. 77 ° 26 ' 11.90 " 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

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29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data
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**Points of Communication:**

Frederick,MD Gateway - SPACEX (S2983/3018) - (NGSO)

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<b>SES-LIC-20211104-01785</b>	E	E210422	Peak Uplink, Inc	04/20/2022 - 04/20/2037
Application for Authority				Date Effective: 04/20/2022
Grant of Authority				

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 2.4 C-KU

LOCATION:

ANTENNA ID: 2.4C	2.4 meters	AVL	2.4SNG
5925.0000 - 6425.0000 MHz	36M0G7W	67.40 dBW	Digital traffic, various FEC, data rates and modulation
5925.0000 - 6425.0000 MHz	51K2G7W	40.50 dBW	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 2.4KU	2.4 meters	AVL	2.4SNG
14000.0000 - 14500.0000 MHz	36M0G7W	74.80 dBW	Digital traffic, various FEC, data rates and modulation
14000.0000 - 14500.0000 MHz	51K2G7W	46.40 dBW	Digital traffic, various FEC, data rates and modulation
11700.0000 - 12200.0000 MHz	36M0G7W		Digital traffic, various FEC, data rates and modulation
11700.0000 - 12200.0000 MHz	51K2G7W		Digital traffic, various FEC, data rates and modulation

**Points of Communication:**

2.4 C-KU - PERMITTED LIST - ()

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<b>SES-MOD-20211214-01903</b>	E	E181213	Panasonic Avionics Corporation	09/12/2018 - 09/12/2033
Application for Modification				Date Effective: 04/21/2022
Withdrawn				

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: (100 UNITS), Territories and Possession, CONUS, AK, HI US

ANTENNA ID: SW123	1.2 meters	Skyware Global	Type 123
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14000.0000 - 14500.0000 MHz	2M33G7W	49.32 dBW	QPSK
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK
11450.0000 - 11700.0000 MHz	54M0G7W		QPSK
10950.0000 - 11200.0000 MHz	54M0G7W		QPSK
ANTENNA ID: GD1120	1.2 meters	General Dynamics	Series 1120
14000.0000 - 14500.0000 MHz	2M33G7W	49.22 dBW	QPSK
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK
11450.0000 - 11700.0000 MHz	54M0G7W		QPSK
10950.0000 - 11200.0000 MHz	54M0G7W		QPSK
ANTENNA ID: TKVICTS	0.74 meters	THINKOM	VICTS
10950.0000 - 11200.0000 MHz	30M0G7D		DIGITAL
11450.0000 - 11700.0000 MHz	30M0G7D		DIGITAL
11700.0000 - 12200.0000 MHz	30M0G7D		DIGITAL
14000.0000 - 14500.0000 MHz	1M40G7D	44.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	1M51G7D	44.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	1M80G7D	43.20 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	2M00G7D	44.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	2M10G7D	44.20 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	2M27G7D	44.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	2M40G7D	44.50 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	3M00G7D	44.50 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	3M60G7D	44.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	4M10G7D	41.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	4M80G7D	44.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	5M60G7D	44.50 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	5M64G7D	40.70 dBW	DIGITAL

14000.0000 - 14500.0000 MHz	5M83G7D	43.10 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	5M97G7D	43.10 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	6M72G7D	42.30 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	7M17G7D	40.90 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	7M40G7D	41.40 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	7M50G7D	41.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	8M00G7D	44.60 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	8M10G7D	43.20 dBW	DIGITAL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20201217-01404** E E900036 BP Amoco Corporation  
 Renewal 01/19/2021 - 01/19/2036  
 Grant of Authority Date Effective: 04/26/2022

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
 LOCATION: VARIOUS

ANTENNA ID: 1 4.5 meters ANDREW ESA-5 49900-2

5925.0000 - 6425.0000 MHz	64K0F9W	43.02 dBW
5925.0000 - 6425.0000 MHz	128KF9W	46.00 dBW

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-RWL-20220405-00365** E E970070 BFI Licenses, LLC  
 Renewal  
 Date Effective:

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1  
 LOCATION: 23 RESEARCH DRIVE, FAIRFIELD CO., STAMFORD, CT  
 41 ° 4 ' 35.00 " N LAT. 73 ° 31 ' 15.00 " W LONG.

ANTENNA ID: 1 11.3 meters RSI 1100CS

5925.0000 - 6425.0000 MHz	36M0F3F	81.40 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	81.40 dBW	
5925.0000 - 6425.0000 MHz	36M0F3F	85.20 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	85.20 dBW	
5925.0000 - 6425.0000 MHz	36M0F3F	80.20 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	80.20 dBW	
5925.0000 - 6425.0000 MHz	36M0F3F	80.20 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	80.20 dBW	
3700.0000 - 4200.0000 MHz	36M0F3F		
3700.0000 - 4200.0000 MHz	24M0G7W		
ANTENNA ID: 2	11.3 meters	RSI	1100CS
5925.0000 - 6425.0000 MHz	36M0F3F	81.40 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	81.40 dBW	
5925.0000 - 6425.0000 MHz	36M0F3F	85.20 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	85.20 dBW	
5925.0000 - 6425.0000 MHz	36M0F3F	80.20 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	80.20 dBW	
5925.0000 - 6425.0000 MHz	36M0F3F	80.20 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	80.20 dBW	
3700.0000 - 4200.0000 MHz	36M0F3F		
3700.0000 - 4200.0000 MHz	24M0G7W		
ANTENNA ID: 3	11.3 meters	RSI	1100CS
5925.0000 - 6425.0000 MHz	36M0F3F	81.40 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	81.40 dBW	
5925.0000 - 6425.0000 MHz	36M0F3F	85.20 dBW	
5925.0000 - 6425.0000 MHz	24M0G7W	85.20 dBW	

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5925.0000 - 6425.0000 MHz	36M0F3F	80.20 dBW
5925.0000 - 6425.0000 MHz	24M0G7W	80.20 dBW
5925.0000 - 6425.0000 MHz	36M0F3F	80.20 dBW
5925.0000 - 6425.0000 MHz	24M0G7W	80.20 dBW
3700.0000 - 4200.0000 MHz	36M0F3F	
3700.0000 - 4200.0000 MHz	24M0G7W	

ANTENNA ID: 4                      11.3 meters      RSI                                      1100CS

5925.0000 - 6425.0000 MHz	36M0F3F	81.40 dBW
5925.0000 - 6425.0000 MHz	24M0G7W	81.40 dBW
5925.0000 - 6425.0000 MHz	36M0F3F	85.20 dBW
5925.0000 - 6425.0000 MHz	24M0G7W	85.20 dBW
5925.0000 - 6425.0000 MHz	36M0F3F	80.20 dBW
5925.0000 - 6425.0000 MHz	24M0G7W	80.20 dBW
5925.0000 - 6425.0000 MHz	36M0F3F	80.20 dBW
5925.0000 - 6425.0000 MHz	24M0G7W	80.20 dBW
3700.0000 - 4200.0000 MHz	36M0F3F	
3700.0000 - 4200.0000 MHz	24M0G7W	

**Points of Communication:**

- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-2 - (191 DEGR)
- 1 - PERMITTED LIST - ()
- 1 - TDRS-41 - (41.0 W.L.)
- 1 - TELSTAR 11 - (37.5 W.L.)

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SES-RWL-20220412-00376      E E970217      Gray Television Licensee, LLC  
 Renewal  
 Grant of Authority

05/29/2022 - 05/29/2037  
 Date Effective: 04/26/2022

**Class of Station:**      Temporary Fixed Earth Station  
**Nature of Service:**      Domestic Fixed Satellite Service





On April 26, 2022, Intelsat License LLC was granted special temporary authority for 30 days, beginning on April 26, 2022, to test five (5) 0.41-meter flat-panel Ku-band antennas. Four of the proposed operations will take place within a 10-mile radius of Rochester, NY; Broomfield, CO; Intelsat's Hagerstown, MD teleport and Intelsat's Ellenwood, GA teleport and will occur while the antennas are stationary. The fifth test will take place within a 100-meter radius of a private parking lot in Alliance Ft. Worth, TX while the antenna is stationary and in motion. During the proposed testing, the antennas will communicate with the Galaxy 17 (S2715) and Galaxy 18 (S2733) satellites in the 14000-14500 MHz (Earth-to-space), and 11700-12200 MHz (space-to-Earth) frequency bands.

**Points of Communication:**

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**SES-STA-20220405-00370** E E210421 SpaceX Services, Inc.  
Special Temporary Authority  
Grant of Authority  
Date Effective: 04/22/2022

**Class of Station:**

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

**Points of Communication:**

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**SES-T/C-20220329-00380** E E020276 SES Government Solutions, Inc.  
Application for Consent to Transfer of Control  
Grant of Authority  
Date Effective: 03/30/2022

**Current Licensee:** SES Government Solutions, Inc.

**FROM:** SES S.A.

**TO:** SES S.A.

No. of Station(s) listed: 14

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**SES-T/C-20220404-00381** E E000056 SES Americom, Inc.  
Application for Consent to Transfer of Control  
Grant of Authority  
Date Effective: 04/01/2022

**Current Licensee:** SES Americom, Inc.

**FROM:** SES S.A.

**TO:** SES S.A.

No. of Station(s) listed: 116

**Database Entry**

**SES-DBE-20220310-00275** E220038 Federal Aviation Administration

This request for Database Entry was entered into IBFS on 04/26/2022

**SES-DBE-20220310-00276** E220039 Federal Aviation Administration

This request for Database Entry was entered into IBFS on 04/26/2022

**SES-DBE-20220310-00277** E220040 Federal Aviation Administration

This request for Database Entry was entered into IBFS on 04/26/2022

**SES-DBE-20220310-00278** E220041 Federal Aviation Administration

This request for Database Entry was entered into IBFS on 04/26/2022

**SURRENDER**

**SES-MOD-20120809-00740** E870575 Los Angeles Television Station KCAL LLC

License surrendered by letter filed on April 22, 2022.

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