

17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier

Points of Communication:

SAN 1.8 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-AMD-20221021-01158 E E210436 Viasat, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This application amends SES-LIC-20211217-01916.

SITE ID: SAN 2.4 m

LOCATION: 613 18TH AVENUE, Lowndes, Columbus, MS

33 ° 30 ' 53.51 " N LAT.

88 ° 25 ' 29.71 " W LONG.

ANTENNA ID: SAN 1 2.5 meters Viasat, Inc. 13001xx

27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
27500.0000 - 28350.0000 MHz	464MG7D	59.80 dBW	464 MBd digital data carrier
17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	5 MBd digital data carrier
17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	10 MBd digital data carrier
17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier
17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier
17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	80 MBd digital data carrier
17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier

Points of Communication:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-AMD-20221021-01160 E E210438 Viasat, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This application amends SES-LIC-20211217-01918.

SITE ID: SAN 2.4 m
 LOCATION: 10905 Nichols Boulevard, DeSoto, Olive Branch, MS
 34 ° 57 ' 59.49 " N LAT. 89 ° 47 ' 47.69 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat, Inc.	13001xx
	27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
	27500.0000 - 28350.0000 MHz	464MG7D	59.80 dBW	464 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	5 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	10 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	80 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier

Points of Communication:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-AMD-20221021-01161 E E210444 Viasat, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This application amends SES-LIC-20211217-01925.

SITE ID: SAN 2.4
 LOCATION: 17 Old Highway 82 East, Montgomery, Winona, MS
 33 ° 29 ' 17.84 " N LAT. 89 ° 42 ' 57.64 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat, Inc.	13001xx
	27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	digital data carrier
	27500.0000 - 28350.0000 MHz	464MG7D	59.80 dBW	digital data carrier
	17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	digital data carrier
	17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	digital data carrier

17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	digital data carrier
17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	digital data carrier
17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	digital data carrier
17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	digital data carrier
17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	digital data carrier

Points of Communication:

SAN 2.4 - ViaSat-3 (S2917) - (88.9 W.L.)

SES-AMD-20230213-00163 E E220069 SpaceX Services, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant requests amendment to IBFS File No. SES-LIC-20220514-00514 to add 40 identical antennas, and to add the Permitted List satellites and the non-geostationary orbit (NGSO) satellite constellation SpaceX GEN2 (S3069) as points of communication.

SITE ID: Savannah TN Gateway

LOCATION: Hardin, Savannah, TN

35 ° 9 ' 34.20 " N LAT.

88 ° 3 ' 40.70 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data
	27500.0000 - 29100.0000 MHz	480MD7W	62.62 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

Points of Communication:

Savannah TN Gateway - PERMITTED LIST - ()

Savannah TN Gateway - SPACEX (S2983/3018) - (NGSO)

Savannah TN Gateway - SpaceX GEN2 (S3069) - (NGSO)

SES-AMD-20230214-00171 E E220080 SpaceX Services, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This application amends SES-LIC-20220514-00540.

SITE ID: 1
LOCATION: (Angola IN Gateway), Steuben County, Angola, IN
41 ° 38 ' 7.90 " N LAT. 84 ° 58 ' 26.40 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data
	27500.0000 - 29100.0000 MHz	480MD7W	62.62 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

Points of Communication:

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

SES-AMD-20230228-00231 E E220064 SpaceX Services, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant requests amendment to IBFS File No. SES-LIC-20220514-00502 to add 32 identical antennas, and to communicate with the Permitted List satellites and the non geostationary orbit (NGSO) satellite constellation SpaceX GEN 2 (S3069).

SITE ID: Roberts WI Gateway
LOCATION: St. Croix, Roberts, WI
44 ° 56 ' 27.70 " N LAT. 92 ° 30 ' 57.70 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data
	27500.0000 - 29100.0000 MHz	480MD7W	62.62 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

Points of Communication:

Roberts WI Gateway - PERMITTED LIST - ()

Roberts WI Gateway - SPACEX (S2983/3018) - (NGSO)

Roberts WI Gateway - SpaceX GEN2 (S3069) - (NGSO)

SES-AMD-20230315-00287 E E210257 Viasat, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant requests amendment to IBFS File No. SES-LIC-20210719-01218 to change the geographic coordinates.

SITE ID: SAN 2.4 m
 LOCATION: 2-28 Arrington Acres Drive, Haywood, Waynesville, NC
 35 ° 27 ' 23.47 " N LAT. 83 ° 2 ' 22.30 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat	13001xx
	27500.0000 - 28350.0000 MHz	464MG7D	59.80 dBW	M-ary PSK and digital data
	27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	M-ary PSK and digital data
	17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	M-ary PSK and digital data
	17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	M-ary PSK and digital data
	17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	M-ary PSK and digital data
	17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	M-ary PSK and digital data
	17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	M-ary PSK and digital data
	17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	M-ary PSK and digital data
	17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	M-ary PSK and digital data
	17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	M-ary PSK and digital data

Points of Communication:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20210719-01254 E E210291 Viasat, Inc.
 Application for Authority
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1
 LOCATION: 1161 Kay Terrace SE (SAN 1.8 m.), Rockdale, Conyers, GA
 33 ° 36 ' 49.37 " N LAT. 84 ° 0 ' 37.94 " 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 carrier
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.)

SES-LIC-20210803-01377 E E210319 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 2.4 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 2.4 m

LOCATION: 1139 State Rte 3, St. Clair, East St. Louis, IL

38 ° 38 ' 39.81 " N LAT.

90 ° 9 ' 30.94 " W LONG.

ANTENNA ID: SAN 1 2.5 meters Viasat 13001xx

27500.0000 - 28350.0000 MHz	464MG7D	59.80 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 carrier
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:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20210803-01380 E E210322 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 1.8 m

LOCATION: 57 S Center Drive, Botetourt, Daleville, VA

37 ° 26 ' 7.57 " N LAT.

79 ° 54 ' 20.78 " W LONG.

ANTENNA ID:	SAN 1	1.87 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 carrier
	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:

SAN 1.8 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20210803-01382 E E210324 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1

LOCATION: Route 3/12 Hilldale (SAN 1.8 m.), Summers, Green Brier River, WV

37 ° 38 ' 22.67 " N LAT.

80 ° 47 ' 30.75 " 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 carrier
	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.)

SES-LIC-20210803-01388 E E210330 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1

LOCATION: 1306 N Washington St (SAN 1.8 m.), Sumter, Livingston, AL
 32 ° 36 ' 30.78 " N LAT. 88 ° 10 ' 57.60 " 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 carrier

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.)

SES-LIC-20210803-01402 E E210335 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 1.8 m

LOCATION: 198 Richard Temple Blvd, Dillon, Lake View, SC

24 ° 20 ' 44.59 " N LAT.

79 ° 10 ' 1.86 " W LONG.

ANTENNA ID: SAN 1	1.87 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 carrier
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:

SAN 1.8 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20210803-01405 E E210338 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 1.8 m
LOCATION: 19999 Montana Ave., Hamilton, Noblesville, IN
40 ° 4 ' 46.13 " N LAT. 85 ° 52 ' 20.94 " W LONG.

ANTENNA ID:	SAN 1	1.87 meters	Viasat	13138xx
	17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	5 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	80 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	10 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier
	27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
	27500.0000 - 28350.0000 MHz	464MG7D	59.90 dBW	464 MBd digital data carrier

Points of Communication:

SAN 1.8 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20210803-01406 E E210339 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 1.8 m
LOCATION: 9932 Floyd North Highway, Floyd, Copper Hill, VA
37 ° 7 ' 3.54 " N LAT. 80 ° 7 ' 57.48 " W LONG.

ANTENNA ID:	SAN 1	1.87 meters	Viasat	13138xx
	17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	5 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	80 MBd digital data carrier

17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	10 MBd digital data carrier
17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier
17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier
17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier
27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
27500.0000 - 28350.0000 MHz	464MG7D	59.90 dBW	464 MBd digital data carrier

Points of Communication:

SAN 1.8 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20210803-01413 E E210346 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1

LOCATION: 5531 E County Road 1000 N (SAN 1.8 m.), Clinton, Frankfort, IN
 40 ° 25 ' 52.82 " N LAT. 86 ° 23 ' 56.88 " 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 carrier
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
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Points of Communication:

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

SES-LIC-20210803-01415 E E210348 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1

LOCATION: 11036 Hatch Pkwy N (SAN 1.8 m.), Appling, Tarrytown, GA

31 ° 55 ' 56.57 " N LAT.

82 ° 20 ' 57.62 " 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 carrier
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.)

SES-LIC-20210803-01416 E E210349 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 2.4 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1
 LOCATION: 475 N 900 W (SAN 2.4 m.), Carroll, Delphi, IN
 40 ° 33 ' 15.26 " N LAT. 86 ° 41 ' 42.61 " W LONG.

ANTENNA ID:	SAN 1	2.4 meters	Viasat	13001xx
	27500.0000 - 28350.0000 MHz	464MG7D	59.80 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 carrier
	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.)

SES-LIC-20210803-01454 E E210387 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 2.4 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1
 LOCATION: 2958 N. IL-178 (SAN 2.4 m.), LaSalle, North Utica, IL
 41 ° 21 ' 42.10 " N LAT. 89 ° 0 ' 30.77 " W LONG.

ANTENNA ID:	SAN 1	2.4 meters	Viasat	13001xx
	17700.0000 - 18300.0000 MHz	5M00G7D	0.00 dBW	5 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	80M0G7D	0.00 dBW	80 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	10M0G7D	0.00 dBW	10 MBd digital data carrier
	17700.0000 - 18300.0000 MHz	20M0G7D	0.00 dBW	20 MBd digital data carrier

17700.0000 - 18300.0000 MHz	40M0G7D	0.00 dBW	40 MBd digital data carrier
17700.0000 - 18300.0000 MHz	160MG7D	0.00 dBW	160 MBd digital data carrier
17700.0000 - 18300.0000 MHz	320MG7D	0.00 dBW	320 MBd digital data carrier
17700.0000 - 18300.0000 MHz	464MG7D	0.00 dBW	464 MBd digital data carrier
27500.0000 - 28350.0000 MHz	325MG7D	58.30 dBW	325 MBd digital data carrier
27500.0000 - 28350.0000 MHz	464MG7D	59.80 dBW	464 MBd digital data carrier

Points of Communication:

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

SES-LIC-20210803-01458 E E210391 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1

LOCATION: 112 Oakwood Drive Northeast (SAN 1.8 m.), Floyd, Floyd, VA

36 ° 55 ' 27.73 " N LAT.

80 ° 18 ' 38.91 " 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 carrier
	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.)

SES-LIC-20210803-01461 E E210394 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 1.8 m

LOCATION: 1975 S County Road 775 E, Putnam, Coatesville, IN

39 ° 37 ' 51.91 " N LAT.

86 ° 42 ' 38.41 " W LONG.

ANTENNA ID:	SAN 1	1.87 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 carrier
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:

SAN 1.8 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20210803-01466 E E210399 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1

LOCATION: 1541 US Highway 78 West (SAN 1.8 m.), Haralson, Tallapoosa, GA

33 ° 44 ' 31.41 " N LAT.

85 ° 18 ' 30.65 " W LONG.

ANTENNA ID:	SAN 1	1.8 meters	Viasat	13138xx
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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 carrier
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.)

SES-LIC-20210803-01467 E E210400 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: 1

LOCATION: 520 AIMWELL EXT Rd (SAN 1.8 m.), Toombs, Toombs County, GA
 32 ° 9 ' 57.63 " N LAT. 82 ° 22 ' 34.34 " 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 carrier
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.)

SES-LIC-20210803-01471 E E210404 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands

SITE ID: SAN 1.8 m

LOCATION: 5522 Reidville Rd, Spartanburg, Moore, SC

34 ° 53 ' 26.57 " N LAT.

82 ° 2 ' 44.71 " W LONG.

ANTENNA ID:	SAN 1	1.87 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 carrier	
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:

SAN 1.8 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20210813-01484 E E210410 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 2.4 m
LOCATION: 348 Armory Road, Harrison, Clarksburg, WV
39 ° 16 ' 4.64 " N LAT. 80 ° 21 ' 59.89 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat	13001xx
	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 carrier
	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:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20211217-01916 E E210436 Viasat, Inc.
Application for Authority
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands. IBFS File No. SES-AMD-20221021-01158 was filed to change the antenna and geographic coordinates.

SITE ID: SAN 2.4 m
LOCATION: 613 18th avenue, Lowndes, Columbus, MS
33 ° 30 ' 53.51 " N LAT. 88 ° 25 ' 29.71 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat	13001xx
	27500.0000 - 28350.0000 MHz	464MG7D	59.80 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 carrier
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:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20211217-01918 E E210438 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

IBFS File No. SES-AMD-20221021-01160 was filed to change the antenna size.

SITE ID: SAN 2.4 m

LOCATION: 10905 Nichols Boulevard, DeSoto, Olive Branch, MS

34 ° 57 ' 59.49 " N LAT.

89 ° 47 ' 47.69 " W LONG.

ANTENNA ID: SAN 1 2.5 meters Viasat, Inc. 13001xx

27500.0000 - 28350.0000 MHz	464MG7D	59.80 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 carrier
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:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20211217-01924 E E210443 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 2.4 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 2.4 m

LOCATION: 23625 S. Central Ave, Will, Monee, IN

41 ° 27 ' 38.00 " N LAT.

87 ° 44 ' 38.70 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat	13001xx
	27500.0000 - 28350.0000 MHz	464MG7D	59.80 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 carrier
	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:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20211217-01925 E E210444 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

IBFS File No. SES-AMD-20221021-01161 filed to change the antenna size.

SITE ID: SAN 2.4 m

LOCATION: 17 Old Highway 82 East, Montgomery, Winona, MS

33 ° 29 ' 17.84 " N LAT.

89 ° 42 ' 57.64 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat, Inc.	13001xx
	27500.0000 - 28350.0000 MHz	464MG7D	59.80 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 carrier
	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:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20211217-01940 E E210449 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 2.4 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 2.4 m

LOCATION: 3150 Plymouth Rd W. Tower, Washtenaw, Ann Arbor, MI

42 ° 18 ' 10.32 " N LAT.

83 ° 41 ' 53.05 " W LONG.

ANTENNA ID:	SAN 1	2.5 meters	Viasat	13001xx
	27500.0000 - 28350.0000 MHz	464MG7D	59.80 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 carrier

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:

SAN 2.4 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20220502-00428 E E220051 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

License application request for a 1.8 m transmit/receive earth station operating in the 27.5-28.35 GHz and 17.7-18.3 GHz bands.

SITE ID: SAN 1.8 m

LOCATION: 13474 Highway 11 S, Tuscaloosa, Fosters, AL

33 ° 5 ' 34.48 " N LAT.

87 ° 41 ' 5.54 " W LONG.

ANTENNA ID: SAN 1	1.87 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 carrier
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:

SAN 1.8 m - ViaSat-3 (S2917) - (88.9 W.L.)

SES-LIC-20220514-00496 E E220061 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Quincy, WA

SITE ID: Quincy WA Gateway

LOCATION: Grant, Quincy, WA
47 ° 14 ' 16.10 " N LAT.

119 ° 53 ' 20.90 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	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	62.62 dBW	BPSK up to 64 QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Quincy WA Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20220514-00498 E E220062 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Arlington, OR.

SITE ID: Arlington OR Gateway

LOCATION: Gilliam, Arlington, OR
45 ° 37 ' 31.90 " N LAT.

120 ° 10 ' 29.20 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	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	62.62 dBW	BPSK up to 64 QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Arlington OR Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20220514-00500 E E220063 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in San Antonio, TX

SITE ID: San Antonio TX Gatew
LOCATION: Medina; Bexar, San Antonio, TX
29 ° 24 ' 41.60 " N LAT. 98 ° 48 ' 26.20 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
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	62.62 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz		480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

San Antonio TX Gatew - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20220514-00502 E E220064 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Roberts, WI. See also IBFS File No. SES-AMD-20230228-00231 to add 32 identical antennas, and to communicate with the Permitted List and the non-geostationary orbit (NGSO) satellite constellation SpaceX GEN 2 (S3069).

SITE ID: Roberts WI Gateway
LOCATION: St. Croix, Roberts, WI
44 ° 56 ' 27.70 " N LAT. 92 ° 30 ' 57.70 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
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	62.62 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz		480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Roberts WI Gateway - PERMITTED LIST - ()

Roberts WI Gateway - SPACEX (S2983/3018) - (NGSO)

Roberts WI Gateway - SpaceX GEN2 (S3069) - (NGSO)

SES-LIC-20220514-00504 E E220065 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Cheyenne, WY

SITE ID: Cheyenne WY Gateway

LOCATION: Laramie, Cheyenne, WY

41 ° 7 ' 37.50 " N LAT.

104 ° 54 ' 8.70 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M	
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	62.62 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz			480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Cheyenne WY Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20220514-00514 E E220069 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Savannah, TN. See also IBFS File No. SES-AMD-20230213-00163 to add 32 identical antennas, and to add the Permitted List satellites and the non-geostationary orbit (NGSO) satellite constellation SpaceX GEN2 (S3069) as points of communication.

SITE ID: Savannah TN Gateway

LOCATION: Hardin, Savannah, TN

35 ° 9 ' 34.20 " N LAT.

88 ° 3 ' 40.70 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M	
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	62.62 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz			480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Savannah TN Gateway - PERMITTED LIST - ()

Savannah TN Gateway - SPACEX (S2983/3018) - (NGSO)

Savannah TN Gateway - SpaceX GEN2 (S3069) - (NGSO)

SES-LIC-20220514-00517 E E220070 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Charleston, SC

SITE ID: 1

LOCATION: (Charleston SC Gateway), Berkeley, Charleston, SC

33 ° 3 ' 37.06 " N LAT.

80 ° 2 ' 17.63 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
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	62.62 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz		480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

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

SES-LIC-20220514-00519 E E220071 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Port Matilda, PA

SITE ID: 1

LOCATION: (Port Matilda PA Gate), Centre, Port Matilda, PA

40 ° 48 ' 22.30 " N LAT.

77 ° 59 ' 45.40 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
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	62.62 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz		480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

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

SES-LIC-20220514-00543 E E220081 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Boydton, VA

SITE ID: Boydton VA Gateway

LOCATION: Mecklenburg, Boydton, VA

36 ° 41 ' 39.10 " N LAT.

78 ° 22 ' 32.60 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M	
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	62.62 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz			480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Boydton VA Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20220514-00546 E E220083 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in The Dalles, OR

SITE ID: The Dalles OR Gatewa

LOCATION: Wasco, The Dalles, OR

45 ° 37 ' 50.20 " N LAT.

121 ° 12 ' 13.20 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M	
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	62.62 dBW	BPSK up to 64 QAM; Digital Data
29500.0000 - 30000.0000 MHz			480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

The Dalles OR Gatewa - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20220514-00555 E E220087 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Anderson, SC.

SITE ID: Anderson SC Gateway

LOCATION: Anderson, Anderson, SC

34 ° 26 ' 40.90 " N LAT.

82 ° 40 ' 15.00 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	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	62.62 dBW	BPSK up to 64 QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Anderson SC Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20220514-00557 E E220088 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Arvin, CA.

SITE ID: Arvin CA Gateway

LOCATION: Kern, Arvin, CA

35 ° 9 ' 43.40 " N LAT.

118 ° 52 ' 42.10 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	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	62.62 dBW	BPSK up to 64 QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

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

SES-LIC-20230212-00160 E E230032 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant seeks authority for a new Ka-band gateway earth station located in Adelanto, CA.

SITE ID: Adelanto CA Gateway

LOCATION: San Bernardino, Adelanto, CA

34 ° 36 ' 8.60 " N LAT.

117 ° 27 ' 16.40 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	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	62.62 dBW	BPSK up to 64 QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

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

Adelanto CA Gateway - SpaceX GEN2 (S3069) - (NGSO)

SES-LIC-20230420-00677 E E230068 WorldVu Satellites Limited

Application for Authority

Class of Station: Mobile Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: Maritime Terminals

LOCATION: 1785 Greensboro Station Place Tower 3, Suite 500, Fairfax, McLean, VA

ANTENNA ID:	9 dB/K SPM	0.53 meters	Intellian	OW50M
	10700.0000 - 12700.0000 MHz	250MG7D		Modulation and Services Adaptive Code Modulation utilizing QPSK, 8PSK, 16QAM at variable coding rates.
	14000.0000 - 14500.0000 MHz	20M0G7D	36.60 dBW	Modulation and Services Emission range of 2M40G7D-20M0G7D using Adaptive Code Modulation with QPSK, 8PSK, 16QAM at variable coding rates.
	14000.0000 - 14500.0000 MHz	2M40G7D	36.60 dBW	Modulation and Services Emission range of 2M40G7D-20M0G7D using Adaptive Code Modulation with QPSK, 8PSK, 16QAM at variable coding rates.
ANTENNA ID:	12dB/K DPM	0.75 meters	Intellian	OW70M

10700.0000 - 12700.0000 MHz	250MG7D		Modulation and Services Adaptive Code Modulation utilizing QPSK, 8PSK, 16QAM at variable coding rates.
14000.0000 - 14500.0000 MHz	20M0G7D	35.60 dBW	Modulation and Services Emission range of 2M40G7D − 20M0G7D using Adaptive Code Modulation with QPSK, 8PSK, 16QAM at variable coding rates.
14000.0000 - 14500.0000 MHz	2M40G7D	35.60 dBW	Modulation and Services Emission range of 2M40G7D − 20M0G7D using Adaptive Code Modulation with QPSK, 8PSK, 16QAM at variable coding rates.

Points of Communication:

Maritime Terminals - ONEWEB (S2963) - (NGSO)

SES-STA-20230217-00196 E E210037 O3b Limited
Special Temporary Authority

Class of Station:

O3b Limited requests special temporary authority for 180 days, to operate its gateway earth station in Maricopa, AZ to provide telemetry, tracking, and control (TT&C), and launch and early orbit phase (LEOP) services for the non-geostationary orbit (NGSO) mPOWER satellites at the 29086 MHz and 29089 MHz (Earth-to-space), and 19283.5 MHz and 19305.5 MHz (space-to-Earth) center frequencies.

Points of Communication:

SES-STA-20230217-00197 E E202133 O3b Limited
Special Temporary Authority

Class of Station:

O3b Limited requests special temporary authority for 180 days, to operate its gateway earth station in Haleiwa, HI to provide telemetry, tracking, and control (TT&C), and launch and early orbit phase (LEOP) services for the non-geostationary orbit (NGSO) mPOWER satellites at the 29086 MHz and 29089 MHz (Earth-to-space), and 19283.5 MHz and 19305.5 MHz (space-to-Earth) center frequencies.

Points of Communication:

For more information concerning this Notice, contact the Earth Station Licensing Division at (202) 418-0719.