



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02387

Wednesday August 4, 2021

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-20210615-00963 E E202175 SpaceX Services, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-LIC-20201019-01147 for a description of this application.

SITE ID: Dumas, TX Gateway

LOCATION: Moore, Dumas, TX

35 ° 48 ' 29.70 " N LAT.

102 ° 1 ' 54.70 " 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

Points of Communication:

Dumas, TX Gateway - SPACEX (S2983/3018) - (NGSO)

SES-AMD-20210618-00968 E E110108 SATELLITE TECHNOLOGY SYSTEMS, LLC

Amendment

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20210419-00719 for a description of this application.

SITE ID: 1
LOCATION: 2453 ATWOOD DR., STE. 203 MADISON, DANE, WI 53704, VARIOUS

ANTENNA ID:	1- Ku	2.4 meters	AVL	AV-2400-KU
	14000.0000 - 14500.0000 MHz		36M0G7W 72.54 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
	11700.0000 - 12200.0000 MHz		36M0G7W	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID:	1-C	2.4 meters	AVL	AVL 2400 C
	5925.0000 - 6425.0000 MHz		36M0G7W 67.34 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID:	2	1.8 meters	SAT-LITE	PELORIS 1811
	14000.0000 - 14500.0000 MHz		36M0G7W 72.54 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
	11700.0000 - 12200.0000 MHz		36M0G7W	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-AMD-20210618-00970~~ E E110106 SATELLITE TECHNOLOGY SYSTEMS, LLC

Amendment

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20200419-00702 for a description of this application.

SITE ID: 1
LOCATION: 2453 ATWOOD DR., STE. 203 MADISON, DANE, WI 53704, VARIOUS

ANTENNA ID:	1-Ku	2.4 meters	AVL	AVL-2400 KU
	14000.0000 - 14500.0000 MHz		36M0G7W 72.54 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
	11700.0000 - 12200.0000 MHz		36M0G7W	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID:	1-C	2.4 meters	AVL	AVL-2400 C

5925.0000 - 6425.0000 MHz	36M0G7W	67.34 dBW	DIGITAL VODEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID: 2	1.8 meters	SAT-LITE	PELORIS 1811
14000.0000 - 14500.0000 MHz	36M0G7W	72.54 dBW	DIGITAL VODEO, AUDIO, DATA, & TELEMETRY
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VODEO, AUDIO, DATA, & TELEMETRY

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20210729-01284 E E020249 MOBILE SATELLITE CONNECTION,LLC

Amendment

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-ASG-20210630-01008 for description of this application.

Points of Communication:

SES-ASG-20210630-01008 E E020249 MOBILE SATELLITE CONNECTION,LLC

Application for Consent to Assignment

Current Licensee: MOBILE SATELLITE CONNECTION,LLC

FROM: MOBILE SATELLITE CONNECTION, LLC

TO: Phoenix Uplink LLC

No. of Station(s) listed: 8

SES-ASG-20210723-01271 E E040304 Gray Television Licensee, LLC

Application for Consent to Assignment

Current Licensee: Gray Television Licensee, LLC

FROM: GRAY TELEVISION LICENSEE, LLC

TO: Flint TV License Company, LLC

No. of Station(s) listed: 3

SES-LIC-20201019-01147 E E202175 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SpaceX Services, Inc. seeks authority to operate its gateway earth stations located in Dumas, TX, to communicate with the Starlink non-geostationary orbit (NGSO) satellite system using the following frequency bands: 28.35-29.1 GHz, and 29.5-30.0 GHz (Earth-to-space), and 17.8 - 18.6 GHz, and 18.8-19.3 GHz (space-to-Earth) frequency bands.

SITE ID: Dumas, TX Gateway

LOCATION: Moore, Dumas, TX

35 ° 48 ' 29.70 " N LAT.

102 ° 1 ' 54.70 " 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
28305.0000 - 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:

Dumas, TX Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20201023-01173 E E202179 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SpaceX Services, Inc. seeks authority to operate its gateway earth stations located in Wise, NC to communicate with the Starlink non-geostationary orbit (NGSO) satellite system using the following frequency bands: 28.6-29.1 GHz, and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth) frequency bands.

SITE ID: Wise, NC Gateway

LOCATION: Warren, Wise, NC

36 ° 28 ' 14.30 " N LAT.

78 ° 10 ' 24.20 " 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:

Wise, NC Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20201208-01396 E E202201 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SpaceX Services, Inc. seeks authority to operate its gateway earth stations located in Hampshire, TX to communicate with the Starlink non-geostationary orbit (NGSO) satellite system using the following frequency bands: 27.5-29.0 GHz and 29.5-30.1 GHz (Earth-to-space), 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth).

SITE ID: Hampshire, TX Gateway

LOCATION: Jefferson, Hampshire, TX

29 ° 51 ' 35.50 " N LAT.

94 ° 18 ' 44.40 " 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:

Hamshire, TX Gateway - PERMITTED LIST - ()

Hamshire, TX Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20201208-01397 E E202202 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SpaceX Services, Inc. seeks authority to operate its gateway earth stations located in Marcell, MN to communicate with the Starlink non-geostationary orbit (NGSO) satellite system using the following frequency bands: 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: Marcell MN Gateway, Itasca, Marcell, MN

47 ° 35 ' 35.40 " N LAT.

93 ° 41 ' 33.10 " 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:

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

SES-LIC-20210105-00015 E E210002 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SpaceX Services, Inc. seeks authority to operate its gateway earth stations located in Lockport, NY to communicate with the Starlink non-geostationary orbit (NGSO) satellite system using the following frequency bands: 27.5-29.1 GHz, and 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth).

SITE ID: Gateway
LOCATION: Niagara, Lockport, NY
43 ° 9 ' 59.60 " N LAT. 78 ° 45 ' 18.40 " 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:

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

SES-LIC-20210311-00471 E E210051 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SpaceX Services, Inc. seeks authority to operate its gateway earth stations located in Broadview, IL to communicate with the Starlink non-geostationary orbit (NGSO) satellite system using the following frequency bands: 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth) .

SITE ID: Broadview,IL Gateway
LOCATION: Cook, Broadview, IL
41 ° 51 ' 17.60 " N LAT. 87 ° 51 ' 32.00 " 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:

Broadview,IL Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20210323-00557 E E210056 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Viasat, Inc. seeks authority to operate a new Ka-band fixed earth station in Chamblee, GA with a 1.8-meter antenna to communicate with the ViaSat-3 (S2917) satellite at the 88.9° W.L. orbital location in the 27.5-28.35 GHz (Earth-to-space) and 17.7-18.3 GHz (space-to-Earth) frequency bands.

SITE ID: 1
 LOCATION: 2210 Perimeter Park Dr (SAN 1.8 m.), DeKalb, Chamblee, GA
 33 ° 55 ' 6.14 " N LAT. 84 ° 17 ' 46.96 " 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 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.)

SES-LIC-20210323-00558 E E210057 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Viasat, Inc. seeks authority to operate a new Ka-band fixed earth station in East Point, GA with a 1.8-meter antenna to communicate with the ViaSat-3 (S2917) satellite at the 88.9° W.L. orbital location in the 27.5-28.35 GHz (Earth-to-space) and 17.7-18.3 GHz (space-to-Earth) frequency bands.

SITE ID: 1
 LOCATION: 3485 North Desert Drive (SAN 1.8 m.), Fulton, East Point, GA
 33 ° 39 ' 33.18 " N LAT. 84 ° 29 ' 40.69 " 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 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.)

SES-LIC-20210323-00559 E E210058 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3800 Kings Hwy (SAN 1.8 m.), Douglas, Douglasville, GA
33 ° 42 ' 8.64 " N LAT.

84 ° 46 ' 13.18 " 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 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.)

SES-LIC-20210402-00613 E E210067 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Viasat, Inc. seeks authority to operate a new Ka-band fixed earth station in Bremen, GA with a 1.8-meter antenna to communicate with the ViaSat-3 (S2917) satellite at the 88.9° W.L. orbital location in the 27.5-28.35 GHz (Earth-to-space) and 17.7-18.3 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 1181 Liberty Church Road (SAN 1.8 m.), Haralson, Bremen, GA
33 ° 44 ' 27.02 " N LAT. 85 ° 4 ' 52.21 " 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:

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

SES-LIC-20210402-00614 E E210068 Viasat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Viasat, Inc. seeks authority to operate a new Ka-band fixed earth station in Cedartown, GA with a 1.8-meter antenna to communicate with the ViaSat-3 (S2917) satellite at the 88.9° W.L. orbital location in the 27.5-28.35 GHz (Earth-to-space) and 17.7-18.3 GHz (space-to-Earth) frequency bands.

SITE ID: 1
 LOCATION: 180 Lewis Rd (SAN 1.8 m.), Polk, Cedartown, GA
 34 ° 5 ' 30.10 " N LAT. 85 ° 14 ' 34.06 " 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 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.)

SES-LIC-20210802-01306 E E210300 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #9 - 2.4m
 LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID:	2.4m KU	2.4 meters	AVL Technologies	2410
	14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz	36M0G7F		Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz	4M00G7F		Compressed Digital Video and Audio

Points of Communication:

PSSI NG #9 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01307 E E210301 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSING #8 - 2.4m

LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID:	2.4m KU	2.4 meters	AVL Technologies	2410	
	14000.0000 - 14500.0000 MHz		36M0G7F	73.82 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz		4M00G7F	64.28 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz		36M0G7F		Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz		4M00G7F		Compressed Digital Video and Audio

Points of Communication:

PSSING #8 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01308 E E210302 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSING #3 - 2.4m

LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID:	2.4m KU	2.4 meters	AVL Technologies	2410	
	14000.0000 - 14500.0000 MHz		36M0G7F	73.82 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz		4M00G7F	64.28 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz		36M0G7F		Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz		4M00G7F		Compressed Digital Video and Audio

Points of Communication:

PSSING #3 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01309 E E210308 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSING #2 - 2.4m

LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID:	2.4m KU	2.4 meters	AVL Technologies	2410	
	14000.0000 - 14500.0000 MHz		36M0G7F	73.82 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz		4M00G7F	64.28 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz		36M0G7F		Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz		4M00G7F		Compressed Digital Video and Audio

Points of Communication:

PSSI NG #2 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01313 E E210303 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #1 - 2.4m

LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID:	2.4m KU	2.4 meters	AVL Technologies	2410	
	14000.0000 - 14500.0000 MHz		36M0G7F	73.82 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz		4M00G7F	64.28 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz		36M0G7F		Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz		4M00G7F		Compressed Digital Video and Audio

Points of Communication:

PSSI NG #1 - 2.4m - PERMITTED LIST - ()

SES-MFS-20210528-00864 E E140114 ISAT US Inc.

Modification

Class of Station: Mobile Earth Station

Nature of Service: Fixed Satellite Service

ISAT US Inc. requests modification of its GX Aeronautical ESIM blanket license to add two new terminal and antenna types to communicate with the current licensed satellites in the current licensed frequency bands.

SITE ID: Aero 1

LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID:	AERO1	0.61 meters	Honeywell	MCS 8200	
	29500.0000 - 30000.0000 MHz		460KG7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link

29500.0000 - 30000.0000 MHz	7M34G7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 2
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO2	0.3 meters	Honeywell	MCS 8000
29500.0000 - 30000.0000 MHz	460KG7W	32.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 3
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO3	0.3 meters	INMARSAT	KA30
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	41.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	29.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 4
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO4	0.3 meters	GET SAT	MILLISATEX
29500.0000 - 30000.0000 MHz	7M34G7W	48.90 dBW	Various modulation up to 32 APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	48.90 dBW	Various modulation up to 32 APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	38.80 dBW	Various modulation up to 32 APSK; Digital Data Link

19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK; Digital Data Link
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SITE ID: Aero 5
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO5	0.3 meters	SMITHS INTERCONNECT	KA5000
29500.0000 - 30000.0000 MHz	7M34G7W	47.00 dBW	Various modulation up to 32 APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	47.00 dBW	Various modulation up to 32 APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	39.00 dBW	Various modulation up to 32 APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK; Digital Data Link

SITE ID: Aero 6
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO6	0.61 meters	HONEYWELL	MCS8562
29500.0000 - 30000.0000 MHz	460KG7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 7
LOCATION: ABOARD AIRCRAFT CONUS & OCONUS

ANTENNA ID: AERO7	0.46 meters	ORBIT	GX46
29500.0000 - 30000.0000 MHz	460KG7W	44.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	52.20 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

Points of Communication:

Aero 1 - INMARSAT 5F1 - (63 E.L.)
Aero 1 - INMARSAT 5F2 - (55.0 W.L.)
Aero 1 - INMARSAT 5F3 - (179.6 E.L.)
Aero 2 - INMARSAT 5F1 - (63 E.L.)
Aero 2 - INMARSAT 5F2 - (55.0 W.L.)
Aero 2 - INMARSAT 5F3 - (179.6 E.L.)
Aero 3 - INMARSAT 5F1 - (63 E.L.)
Aero 3 - INMARSAT 5F2 - (55.0 W.L.)
Aero 3 - INMARSAT 5F3 - (179.6 E.L.)
Aero 4 - INMARSAT 5F1 - (63 E.L.)
Aero 4 - INMARSAT 5F2 - (55.0 W.L.)
Aero 4 - INMARSAT 5F3 - (179.6 E.L.)
Aero 5 - INMARSAT 5F1 - (63 E.L.)
Aero 5 - INMARSAT 5F2 - (55.0 W.L.)
Aero 5 - INMARSAT 5F3 - (179.6 E.L.)
Aero 6 - INMARSAT 5F1 - (63 E.L.)
Aero 6 - INMARSAT 5F2 - (55.0 W.L.)
Aero 6 - INMARSAT 5F3 - (179.6 E.L.)
Aero 7 - INMARSAT 5F1 - (63 E.L.)
Aero 7 - INMARSAT 5F2 - (55.0 W.L.)
Aero 7 - INMARSAT 5F3 - (179.6 E.L.)

SES-MOD-20210419-00702 E E110106 SATELLITE TECHNOLOGY SYSTEMS, LLC

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Satellite Technology Systems, LLC. requests modification of its Ku-band temporary-fixed earth station to change antenna model from Vertex to AVL, and add C-band operation for digital video, audio, data, and telemetry and delete analog service. This station will communicate with Permitted List satellite in the 5925-6425 MHz, 14.0-14.5 MHz (Earth-to-space) and 11.7-12.2 (space-to-Earth) frequency bands. Amended by IBFS File No. SES-AMD-20210618-00970.

SITE ID: 1

LOCATION: 2453 ATWOOD DR., STE. 203 MADISON, DANE, WI 53704, VARIOUS

ANTENNA ID: 1-Ku 2.4 meters AVL AVL-2400 KU

14000.0000 - 14500.0000 MHz	36M0G7W	72.54 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VODEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID: 1-C	2.4 meters	AVL	AVL-2400 C
5925.0000 - 6425.0000 MHz	36M0G7W	67.34 dBW	DIGITAL VODEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID: 2	1.8 meters	SAT-LITE	PELORIS 1811
14000.0000 - 14500.0000 MHz	36M0G7W	72.54 dBW	DIGITAL VODEO, AUDIO, DATA, & TELEMETRY
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VODEO, AUDIO, DATA, & TELEMETRY

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20210419-00719 E E110108 SATELLITE TECHNOLOGY SYSTEMS, LLC

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Satellite Technology Systems, LLC. requests modification of its C & Ku-band temporary-fixed earth station to replace the Vertex 1.8-meter antenna with a Ku-band AVL 2.4-meter antenna, and to add C-band operations for digital video, audio, data, and telemetry and delete analog service. This station will communicate with Permitted List satellite in the 5925-6425 MHz, 14.0-14.5 MHz (Earth-to-space) and 11.7-12.2 (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 2453 ATWOOD DR., STE. 203 MADISON, DANE, WI 53704, VARIOUS

ANTENNA ID: 1- Ku	2.4 meters	AVL	AV-2400-KU
14000.0000 - 14500.0000 MHz	36M0G7W	72.54 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID: 1-C	2.4 meters	AVL	AVL 2400 C
5925.0000 - 6425.0000 MHz	36M0G7W	67.34 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY
ANTENNA ID: 2	1.8 meters	SAT-LITE	PELORIS 1811
14000.0000 - 14500.0000 MHz	36M0G7W	72.54 dBW	DIGITAL VIDEO, AUDIO, DATA, & TELEMETRY

11700.0000 - 12200.0000 MHz

36M0G7W

DIGITAL VIDEO, AUDIO, DATA, &
TELEMETRY

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20210727-01279 E E020133 GCI Communication Corp.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

GCI Communication Corp. requests modification of its fixed earth station in St. Paul, AK to replace and add a 3.8 and a 2.4 meter antennas to communicate with Permitted List satellites in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: WITHIN THE COMMUNITY OF ST. PAUL, ALEUTIANS WEST, St. Paul, AK

57 ° 7 ' 16.10 " N LAT.

170 ° 16 ' 58.60 " W LONG.

ANTENNA ID: 1	3.8 meters	GC SATCOM	2385	
5925.0000 - 6425.0000 MHz	36M0G7W	69.51 dBW		Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	45K0G7W-	54.31 dBW		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	45K0G7W-			Phase modulated voice, video, and data services.
ANTENNA ID: 2	2.4 meters	GC SATCOM		
5925.0000 - 6425.0000 MHz	45K0G7W-	38.51 dBW		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0G7W			Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	45K0G7W			Phase modulated voice, video, and data services.

Points of Communication:

1 - PERMITTED LIST - ()

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