



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L STREET NE
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SES-02393

Wednesday August 25, 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-LIC-20210303-00425 E E210043 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Hillman, MI Gateway

LOCATION: Alcona, Hillman, MI

45 ° 4 ' 23.70 " N LAT.

83 ° 54 ' 1.50 " 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:

Hillman, MI Gateway - PERMITTED LIST - ()

Hillman, MI Gateway - SPACEX (S2983/3018) - (NGSO)

SES-LIC-20210423-00756 E E210105 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: NewBraunfels Gateway
LOCATION: Comal, New Braunfels, TX
29 ° 47 ' 2.60 " N LAT.

98 ° 3 ' 2.80 " 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
	28350.0000 - 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:

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

SES-LIC-20210802-01317 E E210304 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #4 - 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 #4 - 2.4m. - PERMITTED LIST - ()

SES-LIC-20210802-01318 E E210305 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #5 - 2.4m
LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

ANTENNA ID:	2.4m KU	2.4 meters	AVL Technologies	2410
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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 #5 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01319 E E210306 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #7 - 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 #7 - 2.4m - PERMITTED LIST - ()

SES-LIC-20210802-01320 E E210307 PSSI Global Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: PSSI NG #6 - 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 #6 - 2.4m - PERMITTED LIST - ()

SES-MFS-20210503-00769 E E960222 Denali 20020, LLC

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Denali 20020, LLC requests modification of its fixed earth station in Brewster, WA to add the 13.75-14.0 GHz (Earth-to-space) frequency band to operate with the existing 9-meter antenna and communicate with the Eutelsat E139WA (S3055) satellite at the 139° W.L. orbital location.

SITE ID: 1

LOCATION: 66 C TELEPORT DRIVE, OKANOGAN, C, WA
48 ° 8 ' 50.50 " N LAT.

119 ° 41 ' 33.20 " W LONG.

ANTENNA ID:	1	9 meters	VERTEX	9KPC	
14000.0000 - 14500.0000 MHz			72M0G7D	88.70 dBW	DIGITAL DATA AND VIDEO
11700.0000 - 12200.0000 MHz			72M0G7D		DIGITAL DATA AND VIDEO
5850.0000 - 6425.0000 MHz			2M40G7D	83.50 dBW	
5850.0000 - 6425.0000 MHz			36M0G7F	83.50 dBW	
5850.0000 - 6425.0000 MHz			36M0F3F	83.50 dBW	
3625.0000 - 4200.0000 MHz			2M40G7D		
3625.0000 - 4200.0000 MHz			36M0G7F		
3625.0000 - 4200.0000 MHz			36M0F3F		
13779.0000 - 14000.0000 MHz			72M0G7D	85.00 dBW	DIGITAL DATA AND VIDEO
13779.0000 - 14000.0000 MHz			36M0G7W	85.00 dBW	DIGITAL VIDEO CARRIER
13779.0000 - 14000.0000 MHz			2M40G7D	73.90 dBW	DIGITAL DATA CARRIER
13772.0000 - 13778.0000 MHz			2M40G7D	71.00 dBW	DIGITAL DATA CARRIER
13750.0000 - 13771.0000 MHz			2M40G7D	73.90 dBW	DIGITAL DATA CARRIER
11200.0000 - 11450.0000 MHz			72M0G7D		DIGITAL DATA AND VIDEO
11200.0000 - 11450.0000 MHz			36M0G7W		DIGITAL VIDEO CARRIER
11200.0000 - 11450.0000 MHz			2M40G7D		DIGITAL DATA CARRIER
10700.0000 - 10950.0000 MHz			72M0G7D		DIGITAL DATA AND VIDEO

10700.0000 - 10950.0000 MHz	36M0G7W		DIGITAL VIDEO CARRIER
10700.0000 - 10950.0000 MHz	2M40G7D		DIGITAL DATA CARRIER
13750.0000 - 14000.0000 MHz	72M0G7D	70.10 dBW	DIGITAL DATA AND VIDEO
13750.0000 - 14000.0000 MHz	2M40G7D	70.10 dBW	DIGITAL DATA CARRIER
ANTENNA ID: 2	3.7 meters	GLOBAL STAR	GS-370
14000.0000 - 14500.0000 MHz	36M0G7W	78.20 dBW	DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL CARRIER

Points of Communication:

1 - EUTELSAT139WA(S3055) - (139.2 W.L.)

1 - PERMITTED LIST - ()

SES-MOD-20210708-01021 E E020336 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 Anchorage, AK to relocate and replace the existing 3.8-meter Patriot antenna with a 3.8-meter GD Satcom antenna. Operations will continue in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands with Permitted List satellites.

SITE ID: 1

LOCATION: 1001 Northway Drive, Anchorage, Anchorage, AK

61 ° 12 ' 45.70 " N LAT.

149 ° 48 ' 38.10 " W LONG.

ANTENNA ID: Test 3.6m	3.6 meters	Scientific Atlanta	8136
5925.0000 - 6425.0000 MHz	45K0G7W	42.10 dBW	PSK Modulation for telephony, facsimile, and data
5925.0000 - 6425.0000 MHz	36M0G7W	62.28 dBW	PSK Modulation for telephony, facsimile, and data
5925.0000 - 6425.0000 MHz	60K0D7W	42.10 dBW	QAM Modulation for telephony, facsimile, and data
5925.0000 - 6425.0000 MHz	36M0D7W	62.28 dBW	QAM Modulation for telephony, facsimile, and data
3700.0000 - 4200.0000 MHz	45K0G7W		PSK Modulation for telephony, facsimile, and data
3700.0000 - 4200.0000 MHz	36M0G7W		PSK Modulation for telephony, facsimile, and data

3700.0000 - 4200.0000 MHz	60K0D7W			QAM Modulation for telephony, facsimile, and data
3700.0000 - 4200.0000 MHz	36M0D7W			QAM Modulation for telephony, facsimile, and data
ANTENNA ID: 1	3.8 meters	GD Satcom		1385
5925.0000 - 6425.0000 MHz	45K0G7W-	40.21 dBW		Phase Modulated Voice, Video, and data services
5925.0000 - 6425.0000 MHz	36M0G7W	69.24 dBW		Phase Modulated Voice, Video, and data services
3700.0000 - 4200.0000 MHz	60K0D7W -			Amplitude and Angle Modulated Voice, Video, and data services
3700.0000 - 4200.0000 MHz	108MD7W			Amplitude and Angle Modulated Voice, Video, and data services
3700.0000 - 4200.0000 MHz	45K0G7W-			Phase Modulated Voice, Video, and data services
3700.0000 - 4200.0000 MHz	36M0G7W			Phase Modulated Voice, Video, and data services
5925.0000 - 6425.0000 MHz	60K0D7W -	41.46 dBW		Amplitude and Angle Modulated Voice, Video, and data services
5925.0000 - 6425.0000 MHz	36M0G7W	69.24 dBW		Amplitude and Angle Modulated Voice, Video, and data services

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20210715-01042 E E170068 Thales Avionics, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Thales Avionics, Inc. requests modification of its Earth Stations Aboard Aircraft (ESAA) license to remove the AMC 16 (S2181) satellite from the license, and to communicate with the Telestar 19 V satellite at the 63 W.L. orbital location on Site ID AES2 in the 27612-27837 MHz, 27868-28331 MHz and 29300-29731 MHz (Earth-to-space), and 18312-18537 MHz, 18562-18787 MHz, and 19700-20200 MHz (space-to-Earth) frequency bands.

SITE ID: AES1

LOCATION: .365m (250 UNITS) AOR/PARTS OF N. EUROPE

ANTENNA ID: AES1	0.365 meters	Thales		MCT-A
29500.0000 - 30000.0000 MHz	4M10G7D	45.50 dBW		Digital Data Services
29500.0000 - 30000.0000 MHz	2M05G7D	45.50 dBW		Digital Data Services

29500.0000 - 30000.0000 MHz	1M00G7D	42.40 dBW	Digital Data Services
29300.0000 - 30000.0000 MHz	2M00G7D	45.50 dBW	Digital Data Services
29300.0000 - 30000.0000 MHz	4M10G7D	45.50 dBW	Digital Data Services
29300.0000 - 30000.0000 MHz	6M10G7D	45.50 dBW	Digital Data Services
28438.0000 - 28563.0000 MHz	4M10G7D	45.40 dBW	Digital Data Services
28438.0000 - 28563.0000 MHz	2M05G7D	45.40 dBW	Digital Data Services
19700.0000 - 20200.0000 MHz	37M0G7D		Digital Data Services
19700.0000 - 20200.0000 MHz	47M0G7D		Digital Data Services
19700.0000 - 20200.0000 MHz	22M8G7D		Digital Data Services
19700.0000 - 20200.0000 MHz	11M4G7D		Digital Data Services
18638.0000 - 18763.0000 MHz	37M0G7D		Digital Data Services
18300.0000 - 19300.0000 MHz	47M0G7D		Digital Data Services

SITE ID: AES2
LOCATION: 0.433m (250 UNITS) CONUS AND AOR

ANTENNA ID: AES2	0.433 meters	THINKOM	KA2517
29500.0000 - 30000.0000 MHz	6M10G7D	47.40 dBW	Digital Data Services
29500.0000 - 30000.0000 MHz	1M00G7D	43.10 dBW	Digital Data Services
29300.0000 - 30000.0000 MHz	4M10G7D	47.40 dBW	Digital Data Services
29300.0000 - 30000.0000 MHz	2M05G7D	46.10 dBW	Digital Data Services
28438.0000 - 28563.0000 MHz	4M10G7D	46.10 dBW	Digital Data Services
28438.0000 - 28563.0000 MHz	2M05G7D	46.10 dBW	Digital Data Services
19700.0000 - 20200.0000 MHz	47M0G7D		Digital Data Services
19700.0000 - 20200.0000 MHz	22M8G7D		Digital Data Services
19700.0000 - 20200.0000 MHz	11M4G7D		Digital Data Services
18300.0000 - 19300.0000 MHz	47M0G7D		Digital Data Services
27612.0000 - 27837.0000 MHz	5M20G7D	47.60 dBW	Digital Data Services
27868.0000 - 28331.0000 MHz	5M20G7D	47.60 dBW	Digital Data Services

29300.0000 - 29731.0000 MHz	5M20G7D	47.60 dBW	Digital Data Services
18562.0000 - 18787.0000 MHz	20M0G7D	0.00 dBW	Digital Data Services
18312.0000 - 18537.0000 MHz	20M0G7D		Digital Data Services
19700.0000 - 20200.0000 MHz	20M0G7D		Digital Data Services

Points of Communication:

- AES1 - AMC-15 (S2180) - (105.0 W.L.)
 - AES1 - EchostarXVII(S2753) - (107.1 W.L.)
 - AES1 - Jupiter 2 (S2834) - (97.1 W. L.)
 - AES1 - Thor-7 - (0.65 W)
 - AES2 - AMC-15 (S2180) - (105.0 W.L.)
 - AES2 - EchostarXVII(S2753) - (107.1 W.L.)
 - AES2 - Jupiter 2 (S2834) - (97.1 W. L.)
 - AES2 - TELSTAR 19V - (63 W.L.)
 - AES2 - Thor-7 - (0.65 W)
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For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.