



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02206

Wednesday October 9, 2019

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-20181016-03283 E E181227 Charter Communications Operating, LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180703-01982 for a description of the application.

SITE ID: 1

LOCATION: 12101 Airport Way, Broomfield, Broomfield, CO

39 ° 54 ' 54.20 " N LAT.

105 ° 6 ' 31.30 " W LONG.

ANTENNA ID:	3	4.6 meters	Andrew	ESA46
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	1	5 meters	ATCi	Simulsat 5M
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
		3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45

3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters	DH Satellite	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters	Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters	Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters	Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 11	4.5 meters	Patriot	PRT-KING450
3700.0000 - 4200.0000 MHz	36M0G7W		Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20181015-03565 E E182050 Harb Production Services LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Temporary Fixed Earth Station CONUS

ANTENNA ID: 1	2.4 meters	AVL Communications	2400CK
14000.0000 - 14500.0000 MHz	36M0G7W	69.00 dBW	Digital Video, Digital Audio, and Associated Metadata
11700.0000 - 12200.0000 MHz	36M0G7W		Digital Video, Digital Audio, and Associated Metadata
5925.0000 - 6425.0000 MHz	36M0G7W	67.80 dBW	Digital Video, Digital Audio, and Associated Metadata
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Digital Audio, and Associated Metadata

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190918-01162 E E190720 GCI Communication Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Boardwalk Village, within the community, Nunam Iqua, AK
62 ° 31 ' 49.70 " N LAT. 164 ° 51 ' 7.30 " W LONG.

ANTENNA ID:	1	3.6 meters	Scientific Atlanta	8136
	3700.0000 - 4200.0000 MHz	45K0G7W-		Phase modulated voice, video, and data services.
	3700.0000 - 4200.0000 MHz	72M0G7W		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	72M0D7W		Amplitude and Angle Modulated Voice, Video, and Data services
	5925.0000 - 6425.0000 MHz	45K0G7W-	53.41 dBW	Phase modulated voice, video, and data services.
	5925.0000 - 6425.0000 MHz	72M0G7W	68.61 dBW	Phase modulated voice, video, and data services.
	5925.0000 - 6425.0000 MHz	60K0D7W -	54.66 dBW	Amplitude and Angle Modulated Voice, Video, and Data services
	5925.0000 - 6425.0000 MHz	72M0D7W	68.61 dBW	Amplitude and Angle Modulated Voice, Video, and Data services

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190918-01165 E E190721 GCI Communication Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Blueberry Street, Mountain Village, AK
62 ° 5 ' 16.30 " N LAT. 163 ° 43 ' 36.20 " W LONG.

ANTENNA ID:	1	6.1 meters	Scientific Atlanta	8060
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3700.0000 - 4200.0000 MHz	45K0G7W-		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	72M0G7W		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	72M0D7W		Amplitude and Angle Modulated Voice, Video, and Data services
5925.0000 - 6425.0000 MHz	45K0G7W-	57.61 dBW	Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	72M0G7W	72.81 dBW	Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	60K0D7W -	58.86 dBW	Amplitude and Angle Modulated Voice, Video, and Data services
5925.0000 - 6425.0000 MHz	72M0D7W	72.81 dBW	Amplitude and Angle Modulated Voice, Video, and Data services

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190918-01167 E E190722 GCI Communication Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Within the Village of Pilot Station, Pilot Station, AK

61 ° 56 ' 20.60 " N LAT.

162 ° 52 ' 46.70 " W LONG.

ANTENNA ID: 1 3.6 meters Scientific Atlanta 8136

3700.0000 - 4200.0000 MHz	45K0G7W-		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	72M0G7W		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	60K0D7W -		Amplitude and Angle Modulated Voice, Video, and Data services
5925.0000 - 6425.0000 MHz	45K0G7W-	53.41 dBW	Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz	72M0G7W	68.61 dBW	Phase modulated voice, video, and data services.

5925.0000 - 6425.0000 MHz	60K0D7W -	54.66 dBW	Amplitude and Angle Modulated Voice, Video, and Data services
5925.0000 - 6425.0000 MHz	72M0D7W	68.61 dBW	Amplitude and Angle Modulated Voice, Video, and Data services
3700.0000 - 4200.0000 MHz	72M0D7W		Amplitude and Angle Modulated Voice, Video, and Data services

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20190801-01017 E E150097 ISAT US Inc.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

ISAT US Inc. requests modification of its blanket earth station authorization to add Antenna IDs Panther60 and Panther96 to communicate with the Inmarsat 5F2 satellite at the 55° W.L. orbital location, and with the Inmarsat 5F3 satellite at the 179.6° W.L. orbital location in the 29.5-30.0 GHz (Earth-to-space), and 19.7-20.2 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 1	0.75 meters	Cobham SATCOM	3075
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M32G7W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF 1	0.75 meters	Cobham SATCOM	5075
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M32G7W	51.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 2

LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	TF 2	1 meters	Cobham SATCOM	7100	
	29500.0000 - 30000.0000 MHz		460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		5M00G1W	54.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		4M18G7W	54.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz		32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 3
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 3	0.85 meters	L3	Cheetah II	
	29500.0000 - 30000.0000 MHz		460KG7W	44.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		5M00G1W	53.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		3M99G7W	53.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz		32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 5
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 5	0.69 meters	Paradigm/SWT	Connect 70	
	29500.0000 - 30000.0000 MHz		460KG7W	43.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		5M00G1W	51.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz		3M24G7W	51.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz		32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 6
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 6	0.65 meters	SWT	Atom 65GX/01	
	29500.0000 - 30000.0000 MHz		460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

29500.0000 - 30000.0000 MHz	5M00G1W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M40G7W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
ANTENNA ID: TF 6	0.65 meters	SWT	Atom 65AAGX/01
29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M40G7W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 7
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 7A	0.934 meters	Paradigm/SWT	Connect 100
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF 7	0.934 meters	Paradigm/SWT	Connect 100T
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: Fixed 7B	0.934 meters	Paradigm/SWT	SKY98GX/01
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29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 8

LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 8A	1.8 meters	Paradigm/SWT	Connect 180
29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M51G7W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: Fixed 8B	1.8 meters	Paradigm/SWT	SKY180GX/01
29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M51G7W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 13

LOCATION: 1000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 13	1 meters	COBHAM	EXPLORER8100GX
29500.0000 - 30000.0000 MHz	1M87G7W	55.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	953KG7W	52.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 14
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Tampa65	0.65 meters	TAMPA MICROWAVE	TAMPA65
	29500.0000 - 30000.0000 MHz	460KG7W	49.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	49.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 15
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Tampa95	0.95 meters	TAMPA MICROWAVE	TAMPA95
	29500.0000 - 30000.0000 MHz	460KG7W	52.61 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	52.61 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 16
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Tampa130	1.3 meters	TAMPA MICROWAVE	TAMPA130
	29500.0000 - 30000.0000 MHz	460KG7W	57.29 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	57.29 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 9
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 9	0.89 meters	SKYWARE TECHNOLOGIES	ATOM 99
	29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	4M18G7W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link
ANTENNA ID: TF 9	0.89 meters	SYKYWARE TECHNOLOGIES	ATOM 99
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	4M18G7W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 4
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 4	1.2 meters	L3	Hawkeye III Lite
29500.0000 - 30000.0000 MHz	460KG7W	46.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	56.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	4M18G7W	56.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 10
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 10	0.75 meters	DATA PATH	QCT90GX
29500.0000 - 30000.0000 MHz	1M54G7W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF10	0.75 meters	DATA PATH	QCT90GX
29500.0000 - 30000.0000 MHz	1M54G7W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 11

LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 11	1 meters	DATA PATH	CCT120GX
29500.0000 - 30000.0000 MHz	1M52G7W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF11	1 meters	DATA PATH	CCT120GX
29500.0000 - 30000.0000 MHz	1M52G7W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 12

LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 12	0.45 meters	PARADIGM	SWARM45
29500.0000 - 30000.0000 MHz	1M21G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M42G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: TF12	0.45 meters	PARADIGN	SWARM-45
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29500.0000 - 30000.0000 MHz	1M21G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M42G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 17
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Panther60	0.6 meters	L3--GCS	PANTHERII60
29500.0000 - 30000.0000 MHz	460KG7W	54.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
29500.0000 - 3000.0000 MHz	5M00G1W	54.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 18
LOCATION: 50 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Panther96	0.96 meters	LC-GCS	PANTERII96
29500.0000 - 30000.0000 MHz	46K0KG7W	52.61 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
29500.0000 - 30000.0000 MHz	5M00G1W	52.61 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

Points of Communication:

- 1 - INMARSAT 5F2 - (55.0 W.L.)
- 1 - INMARSAT 5F3 - (179.6 E.L.)
- 10 - INMARSAT 5F2 - (55.0 W.L.)
- 10 - INMARSAT 5F3 - (179.6 E.L.)
- 11 - INMARSAT 5F2 - (55.0 W.L.)
- 11 - INMARSAT 5F3 - (179.6 E.L.)
- 12 - INMARSAT 5F2 - (55.0 W.L.)
- 12 - INMARSAT 5F3 - (179.6 E.L.)
- 13 - INMARSAT 5F2 - (55.0 W.L.)

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- 13 - INMARSAT 5F3 - (179.6 E.L.)
 - 14 - INMARSAT 5F2 - (55.0 W.L.)
 - 14 - INMARSAT 5F3 - (179.6 E.L.)
 - 15 - INMARSAT 5F2 - (55.0 W.L.)
 - 15 - INMARSAT 5F3 - (179.6 E.L.)
 - 16 - INMARSAT 5F2 - (55.0 W.L.)
 - 16 - INMARSAT 5F3 - (179.6 E.L.)
 - 17 - INMARSAT 5F2 - (55.0 W.L.)
 - 17 - INMARSAT 5F3 - (179.6 E.L.)
 - 18 - INMARSAT 5F2 - (55.0 W.L.)
 - 18 - INMARSAT 5F3 - (179.6 E.L.)
 - 2 - INMARSAT 5F2 - (55.0 W.L.)
 - 2 - INMARSAT 5F3 - (179.6 E.L.)
 - 3 - INMARSAT 5F2 - (55.0 W.L.)
 - 3 - INMARSAT 5F3 - (179.6 E.L.)
 - 4 - INMARSAT 5F2 - (55.0 W.L.)
 - 4 - INMARSAT 5F3 - (179.6 E.L.)
 - 5 - INMARSAT 5F2 - (55.0 W.L.)
 - 5 - INMARSAT 5F3 - (179.6 E.L.)
 - 6 - INMARSAT 5F2 - (55.0 W.L.)
 - 6 - INMARSAT 5F3 - (179.6 E.L.)
 - 7 - INMARSAT 5F2 - (55.0 W.L.)
 - 7 - INMARSAT 5F3 - (179.6 E.L.)
 - 8 - INMARSAT 5F2 - (55.0 W.L.)
 - 8 - INMARSAT 5F3 - (179.6 E.L.)
 - 9 - INMARSAT 5F2 - (55.0 W.L.)
 - 9 - INMARSAT 5F3 - (179.6 E.L.)

SES-REG-20180703-01982 E E181227 Charter Communications Operating, LLC
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Charter Communications Operating, LLC amended this application by IBFS File No. SES-AMD-20181016-03283 to correct and update the site information. This information requires that the application to go back to public notice for 30 days.

SITE ID: 1

LOCATION: 12101 Airport Way, Broomfield, Broomfield, CO

39 ° 54 ' 54.20 " N LAT.

105 ° 6 ' 31.30 " W LONG.

ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	1	5 meters	ATCi	Simulsat 5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	11	45 meters	Patriot	PRT-KING450
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180703-01992 E E181233 Charter Communications Operating, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 700 Carillon Pkwy, Pinellas, St Petersburg, FL

27 ° 53 ' 16.40 " N LAT.

82 ° 40 ' 7.60 " W LONG.

ANTENNA ID:	1	5 meters	ATCi	Simulsat 5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02255 E E181405 Spectrum Oceanic, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 200 Akamainui St, Honolulu, Mililani, HI

21 ° 28 ' 39.90 " N LAT.

158 ° 1 ' 10.50 " W LONG.

ANTENNA ID: 1	5 meters	Scientific-Atlanta	8008B
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 2	5 meters	Antenna Technology Corp.	Simulsat 5M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 3	4.6 meters	Andrew	ESA46
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 4	4.6 meters	Scientific-Atlanta	8346
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 5	4.5 meters	Andrew	ESA45
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters	DH Satellite	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters	Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters	Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data

ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180813-03875 E E190207 Noalmark Broadcasting Corp
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Roswell Site
LOCATION: 1301 N. Main Street, Chaves, Roswell, NM
33 ° 24 ' 25.52 " N LAT. 104 ° 31 ' 20.98 " W LONG.

ANTENNA ID:	ANT1	3 meters	DH	30DH1	
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW	Modulation and Services Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW	Modulation and Services Analog Video with associated subcarriers

Points of Communication:

SES-REG-20180828-04110 E E190417 Burbach of DE, LLC
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Fairmont
LOCATION: 1489 Locust Avenue, Marion, Fairmont, WV
39 ° 28 ' 25.54 " N LAT. 80 ° 10 ' 17.24 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	Scientific Atlanta	3.8	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Analog and Digital Audio Services

Points of Communication:

Fairmont - PERMITTED LIST - ()

SES-REG-20180829-04122 E E190429 Thunderbolt Broadcasting Company
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 733 N. Lindell Street (Martin Office), Weakley, Martin, TN
36 ° 21 ' 43.83 " N LAT. 88 ° 50 ' 58.23 " W LONG.

ANTENNA ID: ANTI 4.5 meters AMERICAN ANTENNAS, INC TVRO-4.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW DIGITAL AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180906-04363 E E190692 Washington State University

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4500 Steilacoom Blvd SW (KVTI-Tacoma), Pierce, Lakewood, WA
47 ° 10 ' 29.73 " N LAT. 122 ° 29 ' 43.41 " W LONG.

ANTENNA ID: ANTI 4.6 meters Scientific Atlanta 8346
3700.0000 - 4200.0000 MHz 2M00G7W 0.00 dBW Digital Audio Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180906-04367 E E190696 Washington State University

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Tobys Mill Road (KQWS-Tonasket), Okanogan, Tonasket, WA
48 ° 44 ' 36.11 " N LAT. 119 ° 37 ' 19.37 " W LONG.

ANTENNA ID: ANTI 3.8 meters Comtech Ant. Systems 3.8
3700.0000 - 4200.0000 MHz 2M00G7W 0.00 dBW Digital Audio Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180906-04370 E E190699 Faith Communications Corp.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Road off US 95 (K213EC C-Band Rec), Clark, Laughlin, NV
35 ° 14 ' 47.90 " N LAT. 114 ° 44 ' 36.90 " W LONG.

ANTENNA ID:	Dish 1	4.5 meters	EASI	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 2	5 meters	Comtech	5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180907-04228 E E190548 Consolidated Communications Enterprise Services, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5411 Luce Avenue McClellan, USA, Sacramento, CA
 40 ° 7 ' 7.29 " N LAT. 80 ° 0 ' 57.54 " W LONG.

ANTENNA ID:	Bentvl	3 meters	Comtech	928D0100-G1
	3700.0000 - 4200.0000 MHz		36M0G7W	Analog and digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180907-04362 E E190691 CCI SYSTEMS, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 118 Sherman St, Juneau, Wonewoc, WI
 43 ° 39 ' 18.00 " N LAT. 90 ° 13 ' 5.52 " W LONG.

ANTENNA ID:	3.4M.	3.4 meters	Viking satcom	SMALL
	3700.0000 - 4200.0000 MHz		36M0G7W	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180907-04375 E E190704 CCI SYSTEMS, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: IMT
LOCATION: 105 Kent St, Dickinson, Iron Mountian, MI
45 ° 49 ' 4.44 " N LAT. 88 ° 3 ' 59.76 " W LONG.

ANTENNA ID: 3.7 M. 3.7 meters Patriot SMALL
3700.0000 - 4200.0000 MHz 36M0G7W Video

Points of Communication:

IMT - PERMITTED LIST - ()

SES-REG-20180907-04422 E E190762 CCI SYSTEMS, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 223 Monroe St, Oconto, Oconto Falls, WI
44 ° 52 ' 43.38 " N LAT. 88 ° 8 ' 31.62 " W LONG.

ANTENNA ID: 1 3.4 meters Scientific Atlanta SMALL
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180907-04435 E E190775 CCI SYSTEMS, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 8809 M117, Engadine, MI
46 ° 12 ' 31.32 " N LAT. 85 ° 35 ' 43.80 " W LONG.

ANTENNA ID: 1 3.8 meters Viking satcom SMALL
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04368 E E190697 Board of Water, Light & Sinking Fund Commissioners of the City of Dalton, Geor

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Hub
LOCATION: 1200 VD Parrott Jr Pkwy, Whitfield, DALTON, GA
34 ° 45 ' 5.48 " N LAT. 84 ° 57 ' 29.80 " W LONG.

ANTENNA ID: 1 3.7 meters ATCI Simulsat 5b
3700.0000 - 4200.0000 MHz 36M0G7W Video

Points of Communication:

Hub - PERMITTED LIST - ()

SES-REG-20180910-04372 E E190701 Pacific Cascade Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1139 Hartnell Avenue, Shasta, Redding, CA
40 ° 33 ' 46.50 " N LAT. 122 ° 21 ' 0.00 " W LONG.

ANTENNA ID: One 3.7 meters Prodelin / General Dynamics 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at varying data rates and FEC

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180912-04322 E E190641 WBRM, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 147 N. Garden St., McDowell, Marion, NC
38 ° 54 ' 1.10 " N LAT. 77 ° 2 ' 2.20 " W LONG.

ANTENNA ID: ANTI 4.5 meters AMERICAN ANTENNAS, INC TVRO-4.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180912-04325 E E190644 FARMERS MUTUAL COOP. TELE. COMPANY

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 103 railway, shelby, earling, IA
41 ° 46 ' 29.90 " N LAT. 95 ° 25 ' 0.80 " W LONG.

ANTENNA ID: 6M. 6 meters Sat View 6B
3700.0000 - 4200.0000 MHz 36M0G7W Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180912-04327 E E190646 WWL-TV, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

The official mailing address for WWL-TV, Inc. is updated in the Commission's Registration System Per Letter request dated February 25, 2019.

SITE ID: STUDIO
LOCATION: 1024 N Rampart St., Orleans, New Orleans, LA
29 ° 57 ' 47.70 " N LAT. 90 ° 3 ' 56.20 " W LONG.

ANTENNA ID: S-2 3.65 meters Unimesh 12FT
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: S-3 3.65 meters Unimesh 12FT
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: S-5 4.572 meters Unimesh 15FT
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: S-6 4.572 meters Comtech 15FT
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: S-7 4.5 meters Viking Satcom 8345
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: Transmitter
LOCATION: 4 Cooper Rd., Jefferson, Gretna, LA
29 ° 54 ' 22.90 " N LAT. 90 ° 2 ' 22.10 " W LONG.

ANTENNA ID: T-1 5 meters Comtech 5
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID:	T-2	7 meters	Scientific Atlanta	8010
	3700.0000 - 4200.0000 MHz		36M0G7W	
ANTENNA ID:	T-4	5 meters	Comtech	5m
	3700.0000 - 4200.0000 MHz		36M0G7W	
ANTENNA ID:	T-6	4.5 meters	Patriot	4.5m
	3700.0000 - 4200.0000 MHz		36M0G7W	
ANTENNA ID:	T-7	4.6 meters	Scientific Alanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	
ANTENNA ID:	T-8	4.5 meters	Patriot	4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	

Points of Communication:

STUDIO - PERMITTED LIST - ()

Transmitter - PERMITTED LIST - ()

SES-REG-20180913-04332 E E190656 Gray Television Licensee, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1114 South Stoakes Ave (KSFY), Sioux Falls, SD
43 ° 32 ' 15.09 " N LAT.

96 ° 38 ' 15.56 " W LONG.

ANTENNA ID:	KSFY 1-9	4.5 meters	EASi	4.5m
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	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180913-04333 E E190657 STARadio Corp.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 70 Meadowview Center Suite 400, Kankakee, Kankakee, IL
41 ° 8 ' 3.80 " N LAT.

87 ° 52 ' 14.90 " W LONG.

ANTENNA ID:	Kan 1	3.8 meters	Comtech Systems	com-38m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital audio and Video signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180913-04334 E E190658 Gray Television Licensee, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4850 Ampere Drive (KOLO), Reno, NV

39 ° 18 ' 50.40 " N LAT.

119 ° 52 ' 58.79 " W LONG.

ANTENNA ID:	KOLO 2	3.7 meters	Antennas for Communications	PR12
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital
ANTENNA ID:	KOLO 1	3.7 meters	Antennas for Communications	PR12
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital
ANTENNA ID:	KOLO 3-4	4.5 meters	Andrew	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital
ANTENNA ID:	KOLO 5	7.3 meters	Andrew	ESA73-46A
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital
ANTENNA ID:	KOLO 6	3.7 meters	DH Satellite	DH-AZEL37M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital
ANTENNA ID:	KOLO 7-9	3.1 meters	Patriot Antenna Systems	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180913-04338 E E190662 Coolarity A2, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4230 Packard Rd (WAAM), Ann Arbor, MI
42 ° 14 ' 41.00 " N LAT. 83 ° 40 ' 31.00 " W LONG.

ANTENNA ID: WAAM 3 meters Michigan Satellite Systems 3M.
3700.0000 - 4200.0000 MHz 36M0G7W Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180913-04364 E E190693 Bible Broadcasting Network, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2100 NW 21st Ave (WYBP Ft. Lauderdale), Broward, Ft. Lauderdale, FL
26 ° 9 ' 13.00 " N LAT. 80 ° 10 ' 11.50 " W LONG.

ANTENNA ID: WYBP 2.3 meters Sami 2.3 QSL
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180914-04390 E E190728 Gray Television Licensee, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 35 Hildreth Street, Bangor, ME
44 ° 47 ' 35.84 " N LAT. 68 ° 50 ' 19.70 " W LONG.

ANTENNA ID: 1 2.4 meters Prodelin Antennas 1253
3700.0000 - 4200.0000 MHz 36M0G7F

ANTENNA ID: 2 7 meters Scientific Atlanta 8010AM
3700.0000 - 4200.0000 MHz 36M0G7F

ANTENNA ID: 3 4.2 meters DH Satellite H to H 4.2m
3700.0000 - 4200.0000 MHz 36M0G7F

ANTENNA ID: 4 5 meters DH Satellite Gibraltar Mount 5m

3700.0000 - 4200.0000 MHz	36M0G7F			
ANTENNA ID: 5	3.7 meters	DH Satellite		H to H 3.7m
3700.0000 - 4200.0000 MHz	36M0G7F			
ANTENNA ID: 6	7 meters	Scientific Atlanta		8010CM
3700.0000 - 4200.0000 MHz	36M0G7F			
ANTENNA ID: 7	4.5 meters	Scientific Atlanta		8345
3700.0000 - 4200.0000 MHz	36M0G7F			
ANTENNA ID: 8	3.7 meters	Prodelin Antennas		Series 1347 3.7m
3700.0000 - 4200.0000 MHz	36M0G7F			

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180914-04402 E E190740 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 300' West Hwy. 68 & 200' South Hwy. 274, Trigg, Cadiz, KY
 36 ° 51 ' 1.00 " N LAT. 87 ° 51 ' 1.10 " W LONG.

ANTENNA ID: 1	3.8 meters	DH		Gibraltar
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3700.0000 - 4200.0000 MHz	36M0G7D			Video
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180917-04414 E E190752 Pacific and Southern, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1751 Screaming Eagle Rd Exd, Kershaw, Lugoff, SC
 34 ° 5 ' 48.80 " N LAT. 80 ° 45 ' 51.30 " W LONG.

ANTENNA ID: 1	2.4 meters	Prodelin		1244
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3700.0000 - 4200.0000 MHz	36M0G7W			
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SITE ID: 2
LOCATION: 6027 Garners Ferry Road, Richland, Columbia, SC
33 ° 59 ' 1.50 " N LAT. 80 ° 57 ' 54.70 " W LONG.

ANTENNA ID: 2 2.4 meters Prodelin 1244

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 3 2.4 meters Prodelin 1244

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 4 2.4 meters Prodelin 1244

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20180917-04415 E E190753 Eagle Communications Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2300 Hall St., Ellis, Hays, KS
38 ° 53 ' 49.00 " N LAT. 99 ° 20 ' 15.77 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8M Az-EI

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: 2 3.8 meters Comtech N/A

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: 3 4.9 meters Andrew N/A

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: 4 4.6 meters Scientific Atlanta 8026A

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: 5 3 meters RCA N/A

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180917-04417 E E190755 Overon America

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7291 NW 74th St., Miami-Dade, Miami, FL

25 ° 50 ' 28.00 " N LAT.

80 ° 18 ' 59.00 " W LONG.

ANTENNA ID:	1	5.2 meters	Simulsat	5B	
	3700.0000 - 4200.0000 MHz		36M0F3F	0.00 dBW	Analog, video
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital, video
ANTENNA ID:	2	5.2 meters	Simulsat	5B	
	3700.0000 - 4200.0000 MHz		36M0F3F	0.00 dBW	Analog, video
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital, video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180917-04418 E E190756 Service Electric Cable Television of New Jersey, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 36 Green Road, Sussex, Sparta, NJ

41 ° 0 ' 52.30 " N LAT.

74 ° 38 ' 33.40 " W LONG.

ANTENNA ID:	1	4.5 meters	Patriot	4.5M	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Modulation and services analog video with associated subcarriers
ANTENNA ID:	2	5 meters	Scientific Atlanta	8008	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Modulation and Services Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180918-04419 E E190757 Eagle Communications Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2212 N Brady, Dickinson, Abilene, KS
38 ° 56 ' 23.83 " N LAT. 97 ° 12 ' 17.92 " W LONG.

ANTENNA ID:	1	4.5 meters	Andrew	N/A
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	2	3.8 meters	Comtech	N/A
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	3	3.8 meters	Patriot	N/A
	3700.0000 - 4200.0000 MHz		36M0G7D	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180918-04421 E E190761 ABC Radio Los Angeles Assets, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 800 W. Olympic Blvd., Los Angeles, Los Angeles, CA
34 ° 2 ' 40.30 " N LAT. 118 ° 15 ' 55.90 " W LONG.

ANTENNA ID:	1	3.7 meters	Microdyne Corp	PR-12
	3700.0000 - 4200.0000 MHz		4M50G7W	Digital Programming and Data
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital Programming and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180918-04424 E E190764 ABC Radio Los Angeles Assets, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 12755 Burbank Blvd., Los Angeles, Valley Village, CA
34 ° 10 ' 22.20 " N LAT. 118 ° 24 ' 38.30 " W LONG.

ANTENNA ID:	1	3.7 meters	Microdyne Corp	PR-12
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3700.0000 - 4200.0000 MHz	4M50G7W	Digital Programming and Data
3700.0000 - 4200.0000 MHz	72M0G7W	Digital Programming and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180918-04425 E E190765 Midcontinent Communications

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3901 N. Louise Avenue, Minnehaha, Sioux Falls, SD
43 ° 35 ' 10.50 " N LAT. 96 ° 46 ' 42.50 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnco SATPACK-D37

3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulations
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180918-04427 E E190767 Sports Radio Chicago, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 100 39th Street, Dupage, Downers Grove, IL
41 ° 49 ' 2.40 " N LAT. 87 ° 59 ' 16.10 " W LONG.

ANTENNA ID: 1 3.8 meters Dawnco D38P-4Pc

3700.0000 - 4200.0000 MHz	3M50G7W	Digital Programming and Data
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital Programming and Data
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180918-04428 E E190768 New York AM Radio, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: NJ-495, Bergen, North Bergen, NJ
40 ° 46 ' 33.30 " N LAT. 74 ° 3 ' 28.20 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot PRT-310
3700.0000 - 4200.0000 MHz 4M50G7W Digital Programming and Data
3700.0000 - 4200.0000 MHz 72M0G7W Digital Programming and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180918-04429 E E190769 KESN Assets, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 0.18 Miles North Of Intersection FM 902 And Mcfarland Rd., Grayson, Collinsville, TX
33 ° 32 ' 13.90 " N LAT. 96 ° 49 ' 54.00 " W LONG.

ANTENNA ID: 1 2.4 meters SAMI 2.4M
3700.0000 - 4200.0000 MHz 3M50G7W Digital Programming and Data
3700.0000 - 4200.0000 MHz 36M0G7W Digital Programming and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04403 E E190741 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 16080 Davis St., Lake, Clearlake, CA
38 ° 57 ' 17.23 " N LAT. 122 ° 36 ' 39.40 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04404 E E190742 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Mammie Drive, Perry, Beaumont, MS

31 ° 10 ' 25.10 " N LAT.

88 ° 55 ' 19.20 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04405 E E190743 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 905 Saint Joseph St., Hancock, Waveland, MS

30 ° 17 ' 49.90 " N LAT.

89 ° 22 ' 39.40 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04406 E E190745 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2200 Fletcher Avenue, Bergen, Fort Lee, NJ

40 ° 51 ' 37.00 " N LAT.

73 ° 58 ' 11.60 " W LONG.

ANTENNA ID: 1 4.8 meters Andrew 4.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

SITE ID: 2

LOCATION: 2200 Fletcher Avenue, BERGEN, Fort Lee, NJ

40 ° 51 ' 37.00 " N LAT.

73 ° 58 ' 11.60 " W LONG.

ANTENNA ID: 2 3.7 meters DH Satellite D37F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20180919-04407 E E190744 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 30 River Park Place W, FRESNO, Fresno, CA

36 ° 51 ' 32.30 " N LAT.

119 ° 47 ' 16.90 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-46
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04408 E E190746 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: West Lakewood Ave. (1.3 miles South), Wabasha, Lake City, MN

44 ° 24 ' 43.70 " N LAT.

92 ° 16 ' 22.20 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04409 E E190747 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7572 Joplin St., Jasper, Carl Junction, MO
37 ° 9 ' 44.80 " N LAT. 94 ° 33 ' 38.90 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot Commercial Antenna
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04410 E E190748 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Herman Industrial Park, Hwy. 100, Gasconade, Hermann, MO
38 ° 42 ' 24.30 " N LAT. 91 ° 24 ' 43.90 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04411 E E190749 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Hwy. 421 East, Pemiscot, Caruthersville, MO
36 ° 13 ' 15.10 " N LAT. 89 ° 42 ' 37.80 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04412 E E190750 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 115 Industrial Park Rd., Clay, Excelsior Springs, MO
39 ° 20 ' 23.30 " N LAT. 94 ° 14 ' 26.50 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot Commercial Antenna
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04413 E E190751 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Old Hwy. 71 South, Bates, Butler, MO
38 ° 14 ' 36.20 " N LAT. 94 ° 20 ' 52.40 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04430 E E190771 KTIV License, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: KTIV Television 2929 Signal Hill Drive, Woodbury, Sioux City, IA
42 ° 32 ' 5.70 " N LAT. 96 ° 22 ' 24.20 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot / similar PRT-380
3700.0000 - 4200.0000 MHz 36M0F3F Analog TV Video
3700.0000 - 4200.0000 MHz 36M0G7F Digital TV Video
ANTENNA ID: 2 3.7 meters AFC / similar PR-12
3700.0000 - 4200.0000 MHz 36M0F3F Analog TV Video
3700.0000 - 4200.0000 MHz 36M0G7F Digital TV Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04431 E E190770 KWWL License, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: KWWL Television 511 E. 5th St., Blackhawk, Waterloo, IA
42 ° 30 ' 4.20 " N LAT. 92 ° 19 ' 56.10 " W LONG.

ANTENNA ID:	1	4.5 meters	DH Satellite	45DH
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Video and Data
ANTENNA ID:	2	4.2 meters	DH Satellite	42DH
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Video and Data
ANTENNA ID:	3	3.8 meters	DH Satellite	38DH
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04432 E E190772 KBJR License, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: KBJR Television 410 W. 10th Street, St. Louis, Duluth, MN
46 ° 47 ' 21.10 " N LAT. 92 ° 6 ' 52.90 " W LONG.

ANTENNA ID:	1	4.5 meters	DH Satellite	45DH
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital TV Video
ANTENNA ID:	2	4.6 meters	Vertex Comm.	4.6M
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital TV Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04433 E E190773 KBJR License, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: KBJR Television 246 South Lake Ave., St. Louis, Duluth, MN

46 ° 47 ' 4.20 " N LAT.

92 ° 5 ' 47.22 " W LONG.

ANTENNA ID:	1	5 meters	AFC	PR-16
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital TV Video
ANTENNA ID:	2	5 meters	DH Satellite	50DH
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital TV Video
ANTENNA ID:	3	4.2 meters	DH Satellite	42DH
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital TV Video
ANTENNA ID:	4	3.8 meters	Comtech	829066-G2RC
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog TV Video
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital TV Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04436 E E190777 Eagle Communications Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2112 22nd St., Merrick, Central City, NE

41 ° 6 ' 36.51 " N LAT.

98 ° 0 ' 34.92 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	N/A
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	2	3 meters	Patriot	N/A

3700.0000 - 4200.0000 MHz	36M0G7D	Video
ANTENNA ID: 3	3.7 meters Prodelin	N/A
3700.0000 - 4200.0000 MHz	36M0G7D	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04439 E E190780 Eagle Communications Inc
 Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: Hwy 77, Geary, Milford, KS
 39 ° 10 ' 45.36 " N LAT. 96 ° 53 ' 54.23 " W LONG.

ANTENNA ID: 1	3.8 meters Comtech	N/A
3700.0000 - 4200.0000 MHz	36M0G7D	Video
ANTENNA ID: 2	2.8 meters Hammertion Corp	N/A
3700.0000 - 4200.0000 MHz	36M0G7D	Video
ANTENNA ID: 3	3.8 meters Prodelin	N/A
3700.0000 - 4200.0000 MHz	36M0G7D	Video
ANTENNA ID: 4	4 meters Scientific Atlanta	N/A
3700.0000 - 4200.0000 MHz	36M0G7D	Video
ANTENNA ID: 5	3 meters Channel Master	N/A
3700.0000 - 4200.0000 MHz	36M0G7D	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180919-04440 E E190781 Eagle Communications Inc
 Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 7576 Rabbit Run Rd., Riley, Riley, KS
 39 ° 18 ' 19.46 " N LAT. 96 ° 49 ' 57.60 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	N/A
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	2	4 meters	Scientific Atlanta	N/A
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	3	3.8 meters	Prodelin	N/A
	3700.0000 - 4200.0000 MHz		36M0G7D	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20190830-01172 E Telesat Canada
Special Temporary Authority
Class of Station:

Telesat Canada requests special temporary authority for 180 days, to operate fixed earth stations in Pompano Beach, FL and Melbourne, FL to conduct loop-back tests with Telesat's non-geostationary orbit (NGSO) satellite, LEO 1, orbiting in a 1000 km circular orbit inclined 99.5° orbital location in the 28.6-29.1 GHz (Earth-to-space) and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-T/C-20190910-01140 E E050101 Motor Racing Network, Inc.
Application for Consent to Transfer of Control
Current Licensee: Motor Racing Network, Inc.
FROM: International Speedway Corporation
TO: NASCAR Holdings, Inc.

No. of Station(s) listed: 3

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