



PUBLIC NOTICE

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

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

Report No. SES-02530

Wednesday January 4, 2023

Satellite Communications Services Information

re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-MOD-20210930-01676 E E950056 SES Americom, Inc. 01/27/2020 - 01/27/2035
Application for Modification Date Effective: 12/22/2022
Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 157 KIMBLES RD., WAYNE, HAWLEY, PA
41 ° 27 ' 49.90 " N LAT.

75 ° 7 ' 48.40 " W LONG.

ANTENNA ID:	1	9 meters	ALPHA SATCOM	9M TURNING HEAD
	5850.0000 - 6425.0000 MHz	1M00F9D	78.11 dBW	TT&C for SES-22 (S3138) condition 90715
	5850.0000 - 6425.0000 MHz	N0N	54.13 dBW	CW CARRIER
	5850.0000 - 6425.0000 MHz	36M0G7W	80.62 dBW	DIGITAL DATA
	5850.0000 - 6425.0000 MHz	3M72G7W	80.61 dBW	DIGITAL DATA
	5850.0000 - 6425.0000 MHz	54M0G7W	80.62 dBW	DIGITAL DATA
	5850.0000 - 6425.0000 MHz	72M0G7W	80.63 dBW	DIGITAL DATA
	5850.0000 - 6425.0000 MHz	100KG7W	64.91 dBW	DIGITAL DATA
	3625.0000 - 4200.0000 MHz	N0N		CW CARRIER

3625.0000 - 4200.0000 MHz	36M0G7W	DIGITAL DATA
3625.0000 - 4200.0000 MHz	3M72G7W	DIGITAL DATA
3625.0000 - 4200.0000 MHz	54M0G7W	DIGITAL DATA
3625.0000 - 4200.0000 MHz	72M0G7W	DIGITAL DATA
3625.0000 - 4200.0000 MHz	100KG7W	DIGITAL DATA

Points of Communication:

1 - PERMITTED LIST - ()

1 - SES-22 (S3138) - (135 W.L.)

SES-MOD-20220628-00713 E E090001 KVH Industries, Inc.

Application for Modification

12/15/2009 - 12/15/2024

Grant of Authority

Date Effective: 12/29/2022

Class of Station: Earth Stations on-board Vessels/VSAT

Nature of Service: Fixed Satellite Service

SITE ID: ESV NET3

LOCATION: (MOBILE 1.0METER) (250 UNITS), CONUS, HI, AK USTERR

ANTENNA ID: ESV3	1 meters	MELCO	KU-MATE(SX-5300)
14000.0000 - 14500.0000 MHz	36M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	27M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

11700.0000 - 12200.0000 MHz	18M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz	36M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz	27M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz	18M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz	36M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz	27M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz	18M0G7D	SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

SITE ID: ESV NET1

LOCATION: (MOBILE 0.6METER) 3500 UNITS, CARIBBEAN AND COASTAL AREA, CONUS, GM

ANTENNA ID: ESV1	0.6 meters	KVH INDUSTRIES, INC.	TRACPHONE V7
14000.0000 - 14500.0000 MHz	36M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	27M0G7D	42.40 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
14000.0000 - 14500.0000 MHz	1M80G7D	41.15 dBW	DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	1M80G7D		DATA SERVICES

11450.0000 - 11700.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	1M80G7D	DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	1M80G7D	DATA SERVICES

SITE ID: ESV NET2
LOCATION: (MOBILE 0.37METER) 50 ENTERPRISE CENTER, VARIOUS (1000 UNITS)

ANTENNA ID:	ESV2	0.37 meters	TRACPHONE	V3
14000.0000 - 14500.0000 MHz	36M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.	
14000.0000 - 14500.0000 MHz	27M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.	
14000.0000 - 14500.0000 MHz	18M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.	
14000.0000 - 14500.0000 MHz	6M87G7W	38.02 dBW	Digital Data Services	
11700.0000 - 12200.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES		
11700.0000 - 12200.0000 MHz	36M0G7D	DATA SERVICES		
11700.0000 - 12200.0000 MHz	18M0G7D	DATA SERVICES		
11700.0000 - 12200.0000 MHz	5M00G7W	Digital Data Services		
11700.0000 - 12200.0000 MHz	6M87G7W	Digital Data Services		
11450.0000 - 11700.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES		
11450.0000 - 11700.0000 MHz	5M00G7W	Digital Data Services		
11450.0000 - 11700.0000 MHz	6M87G7W	Digital Data Services		

10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	5M00G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	6M87G7W		Digital Data Services
14000.0000 - 14500.0000 MHz	5M00G7W	38.02 dBW	Digital Data Services

SITE ID: ESV NET4
LOCATION: (MOBILE 1.0METER) 50 ENTERPRISE CENTER, VARIOUS (500 UNITS)

ANTENNA ID: ESV4	1 meters	KVH INDUDTRIES	TRACPHONE V11
14000.0000 - 14500.0000 MHz	27M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	36M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	250KG7D	36.94 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	250KG7D		Digital Data Services
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data Services
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES

10950.0000 - 11200.0000 MHz	250KG7D		Digital Data Services
SITE ID: ESV NET5			
LOCATION: (V30 0.37M. 5000UNITS)			
ANTENNA ID: ESV NET5	0.37 meters	KVH	V30
14000.0000 - 14500.0000 MHz	36M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	27M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	6M87G7W	36.95 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		Digital Data Services
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	250KG7D		Digital Data Services
11700.0000 - 12200.0000 MHz	6M87G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	5M00G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data Services
11450.0000 - 11700.0000 MHz	6M87G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	5M00G7W		Digital Data Services

10950.0000 - 11200.0000 MHz 6M87G7W Digital Data Services

SITE ID: ESV NET6
LOCATION: (MOBILE 1.06M. 5000 UNITS)

ANTENNA ID:	ESV NET6	1.06 meters	KVH	H90
14000.0000 - 14500.0000 MHz	7M50G7W	49.10 dBW		Digital Data Services
14000.0000 - 14500.0000 MHz	500KG7W	44.69 dBW		Digital Data Services
14000.0000 - 14500.0000 MHz	4M00G7W	49.10 dBW		Digital Data Services
14000.0000 - 14500.0000 MHz	3M00G7W	49.10 dBW		Digital Data Services
14000.0000 - 14500.0000 MHz	2M00G7W	49.10 dBW		Digital Data Services
14000.0000 - 14500.0000 MHz	1M50G7W	49.10 dBW		Digital Data Services
14000.0000 - 14500.0000 MHz	1M00G7W	47.70 dBW		Digital Data Services
14000.0000 - 14500.0000 MHz	174KG7W	40.10 dBW		Digital Data Services
11700.0000 - 12200.0000 MHz	54M0G7W			Digital Data Services
11700.0000 - 12200.0000 MHz	36M0G7W			Digital Data Services
11700.0000 - 12200.0000 MHz	1M00G7W			Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W			Digital Data Services
11450.0000 - 11700.0000 MHz	54M0G7W			Digital Data Services
11450.0000 - 11700.0000 MHz	36M0G7W			Digital Data Services
11450.0000 - 11700.0000 MHz	1M00G7W			Digital Data Services
11450.0000 - 11700.0000 MHz	18M0G7W			Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W			Digital Data Services
10950.0000 - 11200.0000 MHz	36M0G7W			Digital Data Services
10950.0000 - 11200.0000 MHz	1M00G7W			Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W			Digital Data Services

SITE ID: ESV NET7
LOCATION: (MOBILE 0.6M. 5000 UNITS)

ANTENNA ID:	ESV NET7	0.6 meters	KVH	H60
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14000.0000 - 14500.0000 MHz	7M50G7W	44.42 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	500KG7W	37.01 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	4M00G7W	44.42 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	3M00G7W	44.42 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	2M00G7W	43.03 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	1M50G7W	41.78 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	1M00G7W	40.02 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	174KG7W	32.42 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	54M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	36M0G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	1M00G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7W		Digital Data Services
11450.0000 - 12200.0000 MHz	54M0G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	36M0G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	18M0G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	36M0G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	1M00G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	18M0G7W		Digital Data Services

Points of Communication:

ESV NET1 - EUTELSAT174A(S2610) - (174 E. L.)

ESV NET1 - PERMITTED LIST - ()

ESV NET2 - EUTELSAT174A(S2610) - (174 E. L.)

ESV NET2 - PERMITTED LIST - ()

ESV NET3 - EUTELSAT174A(S2610) - (174 E. L.)

ESV NET3 - TELSTAR 11N (S2357) - (37.5 W.L.)

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	4.5 meters	ANDREW	ESA45AA-1
	14000.0000 - 14500.0000 MHz	36M0G7W	78.67 dBW	PSK, Video, audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20221219-01407	E	E070276	Gray Television Licensee, LLC	
Renewal				01/15/2023 - 01/15/2038
Grant of Authority				Date Effective: 12/27/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 14975 N.W. Greenbrier Parkway, Washington, Beaverton, OR
45 ° 31 ' 36.40 " N LAT. 122 ° 49 ' 45.40 " W LONG.

ANTENNA ID:	1	4.5 meters	Andrew Corp.	ESA45
	3700.0000 - 4200.0000 MHz	45M0G7W		45Mbit MCPC digital carrier for video/voice/data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20221219-01409	E	E880398	Gray Television Licensee, LLC	
Renewal				02/19/2023 - 02/19/2038
Grant of Authority				Date Effective: 01/03/2023

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 2807 HERSHBERGER ROAD, ROANOKE, ROANOKE, VA
37 ° 18 ' 26.20 " N LAT. 79 ° 58 ' 38.70 " W LONG.

ANTENNA ID:	1	5.6 meters	ANDREW CORPORATION	ESA56-124B
	14000.0000 - 14500.0000 MHz	36M0F9F	70.00 dBW	VIDEO/AUDIO
	14000.0000 - 14500.0000 MHz	24M0F9F	70.00 dBW	VIDEO/AUDIO
	14000.0000 - 14500.0000 MHz	36M0G7F	76.00 dBW	DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

14000.0000 - 14500.0000 MHz	36M0F3F	76.00 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	36M0F3F		VIDEO/AUDIO
11700.0000 - 12200.0000 MHz	24M0F9F		VIDEO/AUDIO
11700.0000 - 12200.0000 MHz	36M0G7F		DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	36M0G7F		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20221220-01410 E E970447 Vyvx, LLC
 Renewal 01/23/2023 - 01/23/2038
 Grant of Authority Date Effective: 01/03/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1802 BRIARCLIFF ROAD, DEKALB, ATLANTA, GA
 33 ° 48 ' 25.40 " N LAT. 84 ° 20 ' 27.70 " W LONG.

ANTENNA ID: 1	9.2 meters	COMSAT RSI	920C5
5925.0000 - 6425.0000 MHz	8M00G7F	74.60 dBW	DIGITAL TV
5925.0000 - 6425.0000 MHz	36M0F8F	70.90 dBW	ANALOG TV
3700.0000 - 4200.0000 MHz	8M00G7F		DIGITAL TV
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG TV

ANTENNA ID: 2	4.5 meters	ES45MPJ	
5925.0000 - 6425.0000 MHz	24M0G7W	67.96 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	36M0F8F	64.10 dBW	ANALOG VIDEO CARRIER
3700.0000 - 4200.0000 MHz	24M0G7W		DIGITAL TV
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG TV

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20221220-01411 E E070259 NBC Telemundo License LLC
Renewal 12/19/2022 - 12/19/2037
Grant of Authority Date Effective: 01/03/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4001 NEBRASKA AVENUE, NW, District of Columbia, WASHINGTON, DC
38 ° 56 ' 24.00 " N LAT. 77 ° 4 ' 53.40 " W LONG.

ANTENNA ID:	ANT8	6.1 meters	VERTEX	6.1 KPK
	14000.0000 - 14500.0000 MHz		36M0G7W 78.07 dBW	PSK, Digital video, audio and data
	11700.0000 - 12200.0000 MHz		36M0G7W	PSK, Digital video, audio and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20221220-01412 E E080004 Spectrum Mid-America, LLC
Renewal 01/04/2023 - 01/04/2038
Grant of Authority Date Effective: 12/28/2022

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 9334 Dielman Industrial Drive, St. Louis, Olivette, MO
38 ° 40 ' 41.40 " N LAT. 90 ° 22 ' 29.20 " W LONG.

ANTENNA ID:	1	4.5 meters	SA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	2	4.5 meters	COMTEC	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20221222-01426 E E880108 Scripps Broadcasting Holdings LLC
Renewal 12/31/2022 - 12/31/2037
Grant of Authority Date Effective: 01/03/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: CONUS, VARIOUS

ANTENNA ID: 1	1.25 meters	GD SATCOM	C125M
14000.0000 - 14500.0000 MHz	36M0G7W	63.40 dBW	DIGITAL VIDEO AND AUDIO
14000.0000 - 14500.0000 MHz	2M00G7W	56.40 dBW	DIGITAL VIDEO AND AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20221202-01312 E E000296, Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 12/23/2022

Class of Station:

On December 23, 2022, Intelsat License LLC ("Intelsat") was granted an additional 30-day Special Temporary Authority ("STA"), commencing December 23, 2022 through January 21, 2023, to operate its Hagerstown, MD C-band earth station, to provide telemetry, tracking, and command (TT&C) services to the "Galaxy Replacement Fleet" during launch and early orbit phase (LEOP), in-orbit testing (IOT), and as they drift to their final orbital locations (see table below):

Satellite Call Sign	IOT Location	Orbital Location
Galaxy 31S3076148.95° W.L.	121.0° W.L.	
Galaxy 32S3078149.05° W.L.	91.0° W.L.	
Galaxy 33S3015133.0° W.L.	133.0° W.L.	
Galaxy 34S3083147.95° W.L.	129.0° W.L.	
Galaxy 35S3143150.05° W.L.	95.15° W.L.	
Galaxy 36S3148149.95° W.L.	89.0° W.L.	

STA operations are authorized in the 4000-4200 MHz (space-to-Earth) and 6415-6425 MHz frequency bands (Earth-to-space)

Points of Communication:

SES-STA-20221205-01309 E E060384 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 12/23/2022

Class of Station:

On December 23, 2022, Intelsat License LLC ("Intelsat") was granted a 30-day Special Temporary Authority (STA), commencing December 23, 2022, through January 21, 2023, to use its Ku-band earth station, located in Nuevo, California, Call Sign E060384, to conduct in-orbit testing (IOT) with Galaxy 31 (S3076) in frequency bands 12.75-13.25 GHz and 13.75-14.5 GHz (Earth-to-space), and 10.7-11.2 GHz and 11.7-12.45 GHz (space-to-Earth).

Points of Communication:

SES-STA-20221215-01361 E E190859 Swarm Technologies, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 12/28/2022

Class of Station:

On December 28, 2022, Swarm Technologies, Inc. ("Swarm") was granted 60-day Special Temporary Authority ("STA"), commencing December 28, 2022 to operate its earth station located in Wailuku, HI, to communicate with very-high frequency ("VHF") telemetry, tracking and command ("TT&C") beacons on non-geosynchronous orbit (NGSO) satellite constellation second generation ("Gen2") (Call Sign S3069). The STA operations shall be performed in the frequency bands 148-149.95 MHz (Earth-to-space) and 137-138 MHz (space-to-Earth).

Points of Communication:

SES-STA-20221215-01372 E E190858 Swarm Technologies, Inc.
Special Temporary Authority
Grant of Authority
Date Effective: 12/28/2022

Class of Station:

On December 28, 2022, Swarm Technologies, Inc. ("Swarm") was granted 60-day Special Temporary Authority ("STA"), commencing December 28, 2022 to operate its earth station located in Sussex, NJ, to communicate with very-high frequency ("VHF") telemetry, tracking and command ("TT&C") beacons on non-geosynchronous orbit (NGSO) satellite constellation second generation ("Gen2") (Call Sign S3069). The STA operations shall be performed in the frequency bands 148-149.95 MHz (Earth-to-space) and 137-138 MHz (space-to-Earth).

Points of Communication:

SES-STA-20221215-01374 E E191406 Swarm Technologies, Inc.
Special Temporary Authority
Grant of Authority
Date Effective: 12/28/2022

Class of Station:

On December 28, 2022, Swarm Technologies, Inc. ("Swarm") was granted 60-day Special Temporary Authority ("STA"), commencing December 28, 2022 to operate its earth station located in Piti, GU, to communicate with very-high frequency ("VHF") telemetry, tracking and command ("TT&C") beacons on non-geosynchronous orbit (NGSO) satellite constellation second generation ("Gen2") (Call Sign S3069). The STA operations shall be performed in the frequency bands 148-149.95 MHz (Earth-to-space) and 137-138 MHz (space-to-Earth).

Points of Communication:

SES-STA-20221215-01375 E E210061 Swarm Technologies, Inc.
Special Temporary Authority
Grant of Authority
Date Effective: 12/28/2022

Class of Station:

On December 28, 2022, Swarm Technologies, Inc. ("Swarm") was granted 60-day Special Temporary Authority ("STA"), commencing December 28, 2022 to operate its earth station located in Draper, UT, to communicate with very-high frequency ("VHF") telemetry, tracking and command ("TT&C") beacons on non-geosynchronous orbit (NGSO) satellite constellation second generation ("Gen2") (Call Sign S3069). The STA operations shall be performed in the frequency bands 148-149.95 MHz (Earth-to-space) and 137-138 MHz (space-to-Earth).

Points of Communication:

SES-STA-20221216-01398 E E210309 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority
Date Effective: 12/27/2022

Class of Station:

On December 27, 2022, SpaceX Services, Inc. ("SpaceX Services") was granted 60-day Special Temporary Authority ("STA"), commencing December 27, 2022 through February 24, 2023, to communicate between its authorized next-generation earth stations in motion (ESIMs) and second-generation ("Gen2") non-geostationary orbit (NGSO) constellation (Call Sign S3069), soon to be launched by Space Exploration Holdings, LLC ("SpaceX"). The STA operations shall be performed in the frequency bands 14.0-14.5 GHz (Earth-to-space) and 10.7-12.7 GHz (space-to-Earth).

Points of Communication:

SES-STA-20221216-01399 E E210310 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/27/2022

Class of Station:

On December 27, 2022, SpaceX Services, Inc. ("SpaceX Services") was granted 60-day Special Temporary Authority ("STA"), commencing December 27, 2022 through February 24, 2023, to communicate between its authorized high performance ("HP") earth stations in motion (ESIMs) and second-generation ("Gen2") non-geostationary orbit (NGSO) constellation (Call Sign S3069), soon to be launched by Space Exploration Holdings, LLC ("SpaceX"). The STA operations shall be performed in the frequency bands 14.0-14.5 GHz (Earth-to-space) and 10.7-12.7 GHz (space-to-Earth).

Points of Communication:

SES-STA-20221216-01401 E E190066 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/27/2022

Class of Station:

On December 27, 2022, SpaceX Services, Inc. ("SpaceX Services") was granted 60-day Special Temporary Authority ("STA"), commencing December 27, 2022 through February 24, 2023, to communicate between its authorized first-generation fixed user terminal ("UT") earth stations located in the Contiguous United States, Alaska, Hawaii, and territories and possessions of the United States, and second-generation ("Gen2") non-geostationary orbit (NGSO) constellation (Call Sign S3069), soon to be launched by Space Exploration Holdings, LLC ("SpaceX"). The STA operations shall be performed in the frequency bands 14.0-14.5 GHz (Earth-to-space) and 10.7-12.7 GHz (space-to-Earth).

Points of Communication:

SES-STA-20221216-01402 E E210127 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/27/2022

Class of Station:

On December 27, 2022, SpaceX Services, Inc. ("SpaceX Services") was granted 60-day Special Temporary Authority ("STA"), commencing December 27, 2022 through February 24, 2023, to communicate between its authorized next-generation fixed user terminal ("UT") earth stations located in the Contiguous United States, Alaska, Hawaii, and territories and possessions of the United States, and the second-generation ("Gen2") non-geostationary orbit (NGSO) constellation (Call Sign S3069), soon to be launched by Space Exploration Holdings, LLC ("SpaceX"). The STA operations shall be performed in the frequency bands 14.0-14.5 GHz (Earth-to-space) and 10.7-12.7 GHz (space-to-Earth).

Points of Communication:

SES-STA-20221216-01403 E E220009 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 12/27/2022

Class of Station:

On December 27, 2022, SpaceX Services, Inc. ("SpaceX Services") was granted 60-day Special Temporary Authority ("STA"), commencing December 27, 2022 through February 24, 2023, to communicate between its authorized high performance fixed user terminal ("HP-UT") earth stations located in the Contiguous United States, Alaska, Hawaii, and territories and possessions of the United States, and second-generation ("Gen2") non-geostationary orbit (NGSO) constellation (Call Sign S3069), soon to be launched by Space Exploration Holdings, LLC ("SpaceX"). The STA operations shall be performed in the frequency bands 14.0-14.5 GHz (Earth-to-space) and 10.7-12.7 GHz (space-to-Earth).

Points of Communication:

SES-STA-20221220-01415 E L3HARRIS TECHNOLOGIES, INC.
Special Temporary Authority
Grant of Authority Date Effective: 01/03/2023

Class of Station:

On January 3, 2023, L3Harris Technologies, Inc. ("L3Harris"), was granted a 30-day Special Temporary Authority ("STA"), commencing January 3, 2023 through February 1, 2023 to operate its 2.4 meter temporary fixed C-band earth station at the FAA facility located in Collins, Ohio to support air traffic control. The antenna will communicate with geosynchronous orbit (GSO) satellite SES-2 (S2826). Operations will be performed at the following frequencies: 6355.7847-6355.8807 MHz (Earth-to-space) and 4130.7847-4130.8807 (space-to-Earth).

Points of Communication:

SES-STA-20221221-01419 E E210051 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 12/27/2022

Class of Station:

On December 27, 2022, SpaceX Services, Inc. ("SpaceX Services") was granted a 60-day STA, commencing December 28, 2022, through February 25, 2023, to test its Broadview, IL (AKA Chicago, IL) gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20221221-01420 E E201193 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 12/27/2022

Class of Station:

On December 27, 2022, SpaceX Services, Inc. ("SpaceX Services") was granted a 60-day STA, commencing December 28, 2022, through February 25, 2023, to test its Arbuckle, CA gateway earth station with non-geostationary orbit (NGSO) satellites (Call Signs S2983/S3018 and S3069) in frequency bands 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space), 17.8-18.6 GHz, and 18.8-19.3 GHz (space-to-Earth).

Points of Communication:

SES-STA-20221227-01439 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/03/2023

Class of Station:

On January 3, 2023, Intelsat License LLC ("Intelsat") was granted a 30-day Special Temporary Authority ("STA"), commencing January 3, 2023, through February 01, 2023, to operate a Starwin ESA50 0.13m flat-panel Ku-band antenna in McLean, Virginia, and in Mt. Prospect, Illinois, in order to test the antenna. The antenna will be used to communicate with Galaxy 11 (S2253), Galaxy 18 (S2733), SKY-B1 (S2922), and Intelsat 37e (S2972) in frequency bands 14200-14500 MHz (Earth-to-space), and 11700-12750 MHz (space-to-Earth).

Points of Communication:

SES-T/C-20221129-01346 E E090124 KATV Licensee, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 12/22/2022

Current Licensee: KATV Licensee, LLC
FROM: KATV Licensee, LLC
TO: Sinclair Broadcast Holdings I, Inc.

No. of Station(s) listed: 1

SES-T/C-20221130-01384 E E050266 WPEC Licensee, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 12/22/2022

Current Licensee: WPEC Licensee, LLC
FROM: WPEC Licensee, LLC
TO: Sinclair Broadcast Holdings I, Inc.

No. of Station(s) listed: 2

SES-T/C-20221130-01391 E E100025 WICS Licensee, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 12/22/2022

Current Licensee: WICS Licensee, LLC
FROM: WICS Licensee, LLC
TO: Sinclair Broadcast Holdings I, Inc.

No. of Station(s) listed: 1

Dismissal

SES-STA-20220630-00714 E090001 KVH Industries, Inc.

This STA request is being dismissed as moot. Due to the underlying Mod. application SES-MOD-20220628-00713 was granted December 29, 2022.

SURRENDER

SES-REG-20181012-05451 E200156 Giant Communications, Inc.

Registration surrendered by letter filed on 12/16/2022

SES-RWL-20091216-01586 E900028 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20111012-01218 E010253 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20120413-00368 E920274 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20170727-00824 E4715 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20170828-00957 E020212 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20170921-01044 E020280 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20170921-01045 E020267 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20190916-01160 E940496 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20191205-01638 E8190 TEGNA Broadcast Holdings, LLC

Registration surrendered by letter filed on 12/19/2022

SURRENDER

SES-RWL-20200109-00022 KB45 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20200609-00611 E050234 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

SES-RWL-20200609-00612 E050233 Alascom, Inc.

License surrendered by letter filed on 12/15/2022

For more information concerning this Notice, contact the Satellite Division at 418-0719.