



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20554

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Report No. SES-02404

Wednesday October 6, 2021

**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-LIC-20201208-01397	E	E202202	SpaceX Services, Inc.	
Application for Authority				09/29/2021 - 09/29/2036
Grant of Authority				Date Effective: 09/29/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Marcell MN Gateway, Itasca, Marcell, MN
 47 ° 35 ' 35.40 " N LAT. 93 ° 41 ' 33.10 " W LONG.

ANTENNA ID:	CO-1	1.47 meters	SpaceX	1.47M
	17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data
	18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data
	27500.0000 - 29100.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	60.50 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

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

SES-LIC-20210607-00918	E	E210122	Hiber Inc.	
Application for Authority				10/05/2021 - 10/05/2036
Grant of Authority				Date Effective: 10/05/2021

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: Blanket-1

LOCATION: Moermanskkade 600 Netherlands, 1013BC, NA, Amsterdam
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	EDGE-1	0.078 meters	Faber	EDGE-1
1626.5000 - 1660.5000 MHz	50K0G1D	7.00 dBW		Spread Spectrum Data Service Single Carrier OQPSK
1626.5000 - 1660.5000 MHz	25K0G1D	7.00 dBW		Spread Spectrum Data Service Single Carrier OQPSK
1626.5000 - 1660.5000 MHz	12K5G1D	7.00 dBW		Spread Spectrum Data Service Single Carrier OQPSK
1525.0000 - 1559.0000 MHz	5K70G1D	0.00 dBW		Single Carrier OQPSK

Points of Communication:

Blanket-1 - ISAT List -

SES-MOD-20210708-01021 E E020336 GCI Communication Corp.
Application for Modification 04/30/2019 - 04/30/2034
Grant of Authority Date Effective: 09/30/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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	36M0D7W	69.24 dBW	Amplitude and Angle Modulated Voice, Video, and data services

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20210802-01310	E E2823	Comcast Cable Communications Management, LLC	
Application for Modification			03/04/2011 - 03/04/2026
Grant of Authority			Date Effective: 10/05/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 300 Corliss Street, ALLEGHANY, PITTSBURGH, PA
40 ° 27 ' 6.00 " N LAT. 80 ° 2 ' 48.00 " W LONG.

ANTENNA ID: 5M.	5 meters	SCIENTIFIC ATLANTA	8008
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210714-01526 E KE38 Alascom, Inc.
Renewal 09/30/2021 - 09/30/2036
Grant of Authority Date Effective: 10/01/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: USAF RADAR SITE, CAPE NEWENHAM, AK
58 ° 39 ' 19.10 " N LAT. 162 ° 4 ' 27.20 " W LONG.

ANTENNA ID:	1	4.5 meters	ASC SIGNAL	ES45T-HW-1
5925.0000 - 6425.0000 MHz		29K0G7W	52.10 dBW	VARIOUS PSK & QAM-VOICE AND DATA
5925.0000 - 6425.0000 MHz		15M0G7W	56.20 dBW	VARIOUS PSK & QAM-VOICE AND DATA
3700.0000 - 4200.0000 MHz		29K0G7W		VARIOUS PSK & QAM-VOICE AND DATA
3700.0000 - 4200.0000 MHz		15M0G7W		VARIOUS PSK & QAM-VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210907-01528 E E960491 SES Americom, Inc.
Renewal 10/16/2021 - 10/16/2036
Grant of Authority Date Effective: 10/01/2021

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 5990 SOLANO VERDE DRIVE, VENTURA COUNTY, SOMIS, CA
34 ° 19 ' 31.00 " N LAT. 118 ° 59 ' 41.00 " W LONG.

ANTENNA ID:	1	4.6 meters	ANDREW	ES46P-1
14000.0000 - 14500.0000 MHz		36M0G7W	78.50 dBW	
14000.0000 - 14500.0000 MHz		36M0F9Y	78.50 dBW	
11700.0000 - 12200.0000 MHz		36M0G7W		
11700.0000 - 12200.0000 MHz		36M0F9Y		

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210907-01584 E E060364 New Orleans Hearst Television Inc.
Renewal 10/31/2021 - 10/31/2036
Grant of Authority Date Effective: 10/04/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 846 HOWARD AVENUE NEW ORLEANS, LA 70113, USA, VARIOUS

ANTENNA ID:	1	1.5 meters	VERTEXRSI	1.5 SMK-LT
	14000.0000 - 14500.0000 MHz	24M0G7F	62.25 dBW	PSK DIGITAL VIDEO W/ DIGITAL AUDIO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210910-01535 E E2205 Alascom, Inc.
Renewal 11/25/2021 - 11/25/2036
Grant of Authority Date Effective: 10/04/2021

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: BUCKLAND, AK
65 ° 58 ' 46.00 " N LAT. 161 ° 7 ' 20.00 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	MODEL ESA45-39239
	5925.0000 - 6425.0000 MHz	30K0F3W	51.10 dBW	
	5925.0000 - 6425.0000 MHz	24K0G1D	40.60 dBW	
	5925.0000 - 6425.0000 MHz	86K4G1D	54.80 dBW	
	5925.0000 - 6425.0000 MHz	75K6G1D	54.20 dBW	
	5925.0000 - 6425.0000 MHz	53K3G1W	54.10 dBW	
	5925.0000 - 6425.0000 MHz	26K7G1W	51.00 dBW	
	5925.0000 - 6425.0000 MHz	13K3G1E	36.60 dBW	
	3700.0000 - 4200.0000 MHz	30K0F3W		
	3700.0000 - 4200.0000 MHz	24K0G1D		

3700.0000 - 4200.0000 MHz	86K4G1D
3700.0000 - 4200.0000 MHz	75K6G1D
3700.0000 - 4200.0000 MHz	53K3G1W
3700.0000 - 4200.0000 MHz	26K7G1W
3700.0000 - 4200.0000 MHz	13K3G1E

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210910-01536	E E2309	Alascom, Inc.	11/21/2021 - 11/21/2036
Renewal			Date Effective: 10/04/2021
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: NSN, ANCHORAGE, ELIM, AK
 64 ° 37 ' 0.80 " N LAT. 162 ° 15 ' 32.20 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW CORPORATION	ES45T-T-1
5925.0000 - 6425.0000 MHz	15M9G7W	60.20 dBW	VARIOUS PSK & QAM - VOICE AND DATA
5925.0000 - 6425.0000 MHz	29K0G7W	52.10 dBW	VARIOUS PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	15M9G7W		VARIOUS PSK & QAM - VOICE AND DATA
3700.0000 - 4200.0000 MHz	29K0G7W		VARIOUS PSK & QAM - VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210910-01537	E E2304	Alascom, Inc.	11/21/2021 - 11/21/2036
Renewal			Date Effective: 10/04/2021
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: NSN MAIN STREET, SHAKTOOLIK, AK
64 ° 21 ' 17.50 " N LAT. 161 ° 11 ' 40.50 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46
	5925.0000 - 6425.0000 MHz	15M0G7W	57.16 dBW	VARIOUS PSK & QAM - VOICE AND DATA
	5925.0000 - 6425.0000 MHz	29K0G7W	52.10 dBW	VARIOUS PSK & QAM - VOICE AND DATA
	3700.0000 - 4200.0000 MHz	15M0G7W		VARIOUS PSK & QAM - VOICE AND DATA
	3700.0000 - 4200.0000 MHz	29K0G7W		VARIOUS PSK & QAM - VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210910-01538 E E861059 Alascom, Inc.
Renewal 12/05/2021 - 12/05/2036
Grant of Authority Date Effective: 10/04/2021

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: ELMENDORF AFB, AK
61 ° 14 ' 44.00 " N LAT. 149 ° 48 ' 36.00 " W LONG.

ANTENNA ID:	1	12 meters	ANDREW CORPORATION	ESA120-46HP
	5925.0000 - 6338.9000 MHz	30F9	49.90 dBW	
	5925.0000 - 6338.9000 MHz	1765F9Y	62.10 dBW	
	5925.0000 - 6338.9000 MHz	445F9Y	56.10 dBW	
	3700.0000 - 4200.0000 MHz	30F9		
	3700.0000 - 4200.0000 MHz	1765F9Y		
	3700.0000 - 4200.0000 MHz	445F9Y		

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210917-01581 E E960484 Nexstar Media Inc.
Renewal 09/20/2021 - 09/20/2036
Grant of Authority Date Effective: 10/04/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 5000 6TH AVE., ALTOONA, PA

ANTENNA ID:	1	2.4 meters	ANDREW CORP.	ESA24VSM
	14000.0000 - 14500.0000 MHz	36M0F8W	74.87 dBW	ANALOG TV FM MODULATION FULL TRANS./AUDIO & ATIS SUBCARRIERS
	11700.0000 - 12200.0000 MHz	10M0G7W	74.87 dBW	DIGITAL CARIER FOR VIDEO/VOICE/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210920-01606 E E060349 WABC Television (New York), LLC
Renewal 10/23/2021 - 10/23/2036
Grant of Authority Date Effective: 10/04/2021

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: REMOTE-1
LOCATION: VARIOUS - VSAT REMOTE, CONUS

ANTENNA ID:	Remote-1	1.5 meters	ND SATCOM	MAS-1500
	14000.0000 - 14500.0000 MHz	6M89D7W	57.30 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
	14000.0000 - 14500.0000 MHz	9M00D7W	56.10 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
	11700.0000 - 12200.0000 MHz	6M98D7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
	11700.0000 - 12200.0000 MHz	9M00D7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

SITE ID: HUB-5
LOCATION: 3310 Bissonnet Street, Harris, Houston, TX
29 ° 43 ' 32.80 " N LAT. 95 ° 25 ' 46.80 " W LONG.

ANTENNA ID:	HUB-5	3.8 meters	PRODELIN	1383
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14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	6M98G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	9M00G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

SITE ID: HUB-6
LOCATION: 4100 CITY AVENUE, PHILADELPHIA, PHILADELPHIA, PA
40 ° 0 ' 20.60 " N LAT. 75 ° 12 ' 51.80 " W LONG.

ANTENNA ID: HUB-6	3.7 meters	ANDREW	ES37
14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	9M00G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	6M98G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

SITE ID: HUB-7
LOCATION: 411 LIBERTY STREET, DURHAM, DURHAM, NC
35 ° 59 ' 37.00 " N LAT. 78 ° 53 ' 42.00 " W LONG.

ANTENNA ID: HUB-7	3.7 meters	ANDREW	ES37
14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	9M00G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	6M98G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

SITE ID: HUB-4
LOCATION: 900 Front Street, San Francisco, San Francisco, CA
37 ° 48 ' 0.00 " N LAT. 122 ° 23 ' 58.00 " W LONG.

ANTENNA ID: HUB-4	3.7 meters	ANDREW	ES37
14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	6M98G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	9M00G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

SITE ID: HUB-3
LOCATION: 1 La Avanzada Street, San Francisco, San Francisco, CA
37 ° 45 ' 19.00 " N LAT. 122 ° 27 ' 9.00 " W LONG.

ANTENNA ID: HUB-3 3.7 meters ANDREW ES37

14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	6M98G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	9M00G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

SITE ID: HUB-2
LOCATION: 500 Circle Seven Drive, Los Angeles, Glendale, CA
34 ° 9 ' 26.80 " N LAT. 118 ° 17 ' 18.20 " W LONG.

ANTENNA ID: HUB-2 3.7 meters ANDREW ES37

14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	6M98G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
11700.0000 - 12200.0000 MHz	9M00G7W		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

SITE ID: HUB-1
LOCATION: 47 West 66th Street, New York, New York, NY
40 ° 46 ' 24.00 " N LAT. 73 ° 58 ' 49.00 " W LONG.

ANTENNA ID: HUB-1 4.6 meters ANDREW ES46

14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW	Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

11700.0000 - 12200.0000 MHz	6M98D7W			Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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11700.0000 - 12200.0000 MHz	9M00G7W			Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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SITE ID: REMOTE-1-ANT2
LOCATION: VARIOUS - VSAT REMOTE, CONUS

ANTENNA ID:	ANT-2	1.2 meters	SAT-LITE	1243 NOVUS
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14000.0000 - 14500.0000 MHz	9M00D7W	56.10 dBW		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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14000.0000 - 14500.0000 MHz	6M98D7W	57.30 dBW		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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11700.0000 - 12200.0000 MHz	9M00D7W			Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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11700.0000 - 12200.0000 MHz	6M98D7W			Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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SITE ID: HUB-8
LOCATION: 1777 G. STREET, FRESNO, FRESNO, CA
36 ° 44 ' 18.80 " N LAT. 119 ° 48 ' 10.50 " W LONG.

ANTENNA ID:	HUB-8	3.7 meters	ANDREW	ES37
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14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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11700.0000 - 12200.0000 MHz	9M00G7W			Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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11700.0000 - 12200.0000 MHz	6M98G7W			Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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SITE ID: HUB-9
LOCATION: 190 N. STATE STREET, COOK, CHICAGO, IL
41 ° 53 ' 8.80 " N LAT. 87 ° 37 ' 41.70 " W LONG.

ANTENNA ID:	HUB-9	3.7 meters	ANDREW	ES37
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14000.0000 - 14500.0000 MHz	9M00G7W	63.90 dBW		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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14000.0000 - 14500.0000 MHz	6M98G7W	57.30 dBW		Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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11700.0000 - 12200.0000 MHz	9M00G7W			Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals
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11700.0000 - 12200.0000 MHz

6M98G7W

Low Bit Rate Digital Video, Program Audio, Voice, Data and other signals

Points of Communication:

HUB-1 - PERMITTED LIST - ()

HUB-2 - PERMITTED LIST - ()

HUB-3 - PERMITTED LIST - ()

HUB-4 - PERMITTED LIST - ()

HUB-5 - PERMITTED LIST - ()

HUB-6 - PERMITTED LIST - ()

HUB-7 - PERMITTED LIST - ()

HUB-8 - PERMITTED LIST - ()

HUB-9 - PERMITTED LIST - ()

REMOTE-1 - PERMITTED LIST - ()

REMOTE-1-ANT2 - PERMITTED LIST - ()

SES-RWL-20210920-01607 E E060352 WTVD TELEVISION, LLC

Renewal

10/25/2021 - 10/25/2036

Grant of Authority

Date Effective: 10/04/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: UNIT5

LOCATION:

ANTENNA ID:	1	1.2 meters	AVL	1200K DSNG
	14000.0000 - 14500.0000 MHz	5M50D7W	60.88 dBW	Digital Video (QPSK) with associated audio and data
	14000.0000 - 14500.0000 MHz	6M00D7W	61.26 dBW	Digital Video (QPSK) with associated audio and data
	14000.0000 - 14500.0000 MHz	8M00D7W	62.51 dBW	Digital Video (QPSK) with associated audio and data
	11700.0000 - 12200.0000 MHz	5M50D7W		Digital Video (QPSK) with associated audio and data
	11700.0000 - 12200.0000 MHz	6M00D7W		Digital Video (QPSK) with associated audio and data
	11700.0000 - 12200.0000 MHz	8M00D7W		Digital Video (QPSK) with associated audio and data

Points of Communication:

UNIT5 - PERMITTED LIST - ()

SES-RWL-20210920-01608 E E060353 WTVD TELEVISION, LLC
Renewal 10/25/2021 - 10/25/2036
Grant of Authority Date Effective: 10/04/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: UNIT6

LOCATION:

ANTENNA ID:	1	1.2 meters	AVL	1200K DSNG
	14000.0000 - 14500.0000 MHz	5M50D7W	60.88 dBW	Digital Video (QPSK) with associated audio and data
	14000.0000 - 14500.0000 MHz	6M00D7W	61.26 dBW	Digital Video (QPSK) with associated audio and data
	14000.0000 - 14500.0000 MHz	8M00D7W	62.51 dBW	Digital Video (QPSK) with associated audio and data
	11700.0000 - 12200.0000 MHz	5M50D7W		Digital Video (QPSK) with associated audio and data
	11700.0000 - 12200.0000 MHz	6M00D7W		Digital Video (QPSK) with associated audio and data
	11700.0000 - 12200.0000 MHz	8M00D7W		Digital Video (QPSK) with associated audio and data

Points of Communication:

UNIT6 - PERMITTED LIST - ()

SES-RWL-20210922-01620 E E890805 Grand Valley State University
Renewal 12/06/2021 - 12/06/2036
Grant of Authority Date Effective: 10/04/2021

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 4465 Pierce Street, Ottawa, Allendale, MI
42 ° 57 ' 33.00 " N LAT. 85 ° 53 ' 45.00 " W LONG.

ANTENNA ID:	1	7 meters	Scientific Atlanta	8010K
	14000.0000 - 14500.0000 MHz	36M0F3F	81.28 dBW	Video, Audio

14000.0000 - 14500.0000 MHz	36M0G1W	81.28 dBW	Video,Audio, Data
11700.0000 - 12200.0000 MHz	36M0F3F		Video, Audio
11700.0000 - 12200.0000 MHz	36M0G1W		Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210923-01622 E E060305 Nexstar Media Inc.
 Renewal 09/18/2021 - 09/18/2036
 Grant of Authority Date Effective: 10/01/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 2075 GOLDEN CREST DRIVE BIRMINGHAM, AL 35209, VARIOUS

ANTENNA ID: 1	1.2 meters	AVL TECHNOLOGY	1200
14000.0000 - 14500.0000 MHz	36M0G7W	61.95 dBW	One 36 Mbit MCPC digital carrier for voice/data with an emission designator of 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210923-01623 E E060351 Telesat Network Services, Inc.
 Renewal 12/12/2021 - 12/12/2036
 Grant of Authority Date Effective: 10/01/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 4.6 T14
 LOCATION: 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MT. JACKSON, VA
 38 ° 43 ' 47.50 " N LAT. 78 ° 39 ' 30.10 " W LONG.

ANTENNA ID: 4.6 T14	4.6 meters	VERTEX	4.6M KPC
14000.5000 - 14499.5000 MHz	700KF9D	79.50 dBW	TT&C AND RANGING
14000.0000 - 14500.0000 MHz	2M13G1D	61.80 dBW	2110 KBPS QPSK, FEC TPC .495 SCPC
14000.0000 - 14500.0000 MHz	1M22G1D	59.80 dBW	1300 KBPS QPSK, FEC TPC .553 SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	168.768 KBPS 8PSK, FEC TPC, 0.879, SCPC

13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	152.256 KBPS 8PSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	112.512 KBPS QPSK, FEC TPC, 0.879, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	101.504 KBPS QPSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	68.224 KBPS QPSK, FEC TPC, 0.533, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	63.36 KBPS QPSK, FEC TPC, 0.495, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	55.168 KBPS QPSK, FEC TPC, 0.431, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	56.256 KBPS BPSK, FEC TPC, 0.879, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	50.752 KBPS BPSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	34.112 KBPS BPSK, FEC TPC, 0.533, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	31.68 KBPS BPSK, FEC TPC, 0.495, SCPC
13800.0000 - 14500.0000 MHz	76K8G7W	77.20 dBW	27.584 KBPS BPSK, FEC TPC, 0.431, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	30,3255 MBPS 8PSK, FEC TPC, 0.879, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	27.3585 MBPS 8PSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	20.217 MBPS QPSK, FEC TPC, 0.879, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	18.239 MBPS QPSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	11.385 MBPS QPSK, FEC TPC, 0.495, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	9.913 MBPS QPSK, FEC TPC, 0.431, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	10.1085 MBPS BPSK, FEC TPC, 0.879, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	9,1195 MBPS BPSK, FEC TPC, 0.793, SCPC

13800.0000 - 14500.0000 MHz	6M90G7W	77.20 dBW	9.1195 MBPS QPSK, FEC TPC, 0.793, SCPC
13800.0000 - 14500.0000 MHz	6M90G7W	77.20 dBW	5.6925 MBPS QPSK, FEC TPC, 0.495, SCPC
13800.0000 - 14500.0000 MHz	13M8G7W	77.20 dBW	12.259 MBPS QPSK, FEC TPC, 0.533, SCPC
11700.0000 - 12200.0000 MHz	480KG7D	0.00 dBW	640 KBPS QPSK, FEC TPC .667 TDMA
11700.0000 - 12200.0000 MHz	319KG7D		425 KBPS QPSK, FEC TPC .667 TDMA
11700.0000 - 12200.0000 MHz	2M13G1D		2110 KBPS QPSK, FEC TPC .495 SCPC
11700.0000 - 12200.0000 MHz	1M22G1D		1300 KBPS QPSK, FEC TPC .553 SCPC
11700.0000 - 12200.0000 MHz	1M07G7D		1695 KBPS QPSK, FEC TPC .793 TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		152.256 KBPS 8PSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		12.72 KBPS 8PSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		101.504 KBPS QPSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		84.48 KBPS QPSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		68.224 KBPS QPSK, FEC TPC, 0.533, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		55.166 KBPS QPSK, FEC TPC, 0.431, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		50.752 KBPS BPSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		42.24 KBPS BPSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		34.112 KBPS BPSK, FEC TPC, 0.533, TDMA
11700.0000 - 12200.0000 MHz	76K8G7W		27.584 KBPS BPSK, FEC TPC, 0.431, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W		6.839625 MBPS BPSK, FEC TPC, 0.793, TDMA

11700.0000 - 12200.0000 MHz	3M45G1W	5.6925 MBPS BPSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	4.55975 MBPS QPSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	3.795 MBPS QPSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	3.06475 MBPS QPSK, FEC TPC, 0.533, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	2.47825 MBPS QPSK, FEC TPC, 0.431, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	2.279875 MBPS BPSK, FEC TPC, 0.793, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	1.8975 MBPS BPSK, FEC TPC, 0.66, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	1.532375 MBPS BPSK, FEC TPC, 0.533 TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	1.239125 MBPS BPSK, FEC TPC, 0.431, TDMA
11700.0000 - 12200.0000 MHz	3M45G1W	9.1195 MBPS BPSK, FEC TPC, 0.793M SCPC
11700.0000 - 12200.0000 MHz	3M45G1W	6.1295 MBPS BPSK, FEC TPC, 0.533, SCPC
11700.0000 - 12200.0000 MHz	3M45G1W	5.6925 MBPS BPSK, FEC TPC, 0.495, SCPC
11700.0000 - 12200.0000 MHz	3M45G1W	4.9565 MBPS BPSK, FEC TPC, 0.431, SCPC
11700.0000 - 12200.0000 MHz	138KGXD	TT&C AND RANGING

Points of Communication:

- 4.6 T14 - ESTRELA DO SUL 2 - (63 W.L.)
- 4.6 T14 - MSAT-1 - (107.5)
- 4.6 T14 - MSAT-2 (AMSC-1) - (106.5 W.L.)
- 4.6 T14 - PERMITTED LIST - ()

SES-RWL-20210924-01625 E E060318 The Curators of the University of Missouri
 Renewal 09/25/2021 - 09/25/2036
 Grant of Authority Date Effective: 10/01/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: CONUS - COLUMBIA, MISSOURI, VARIOUS

ANTENNA ID:	1	1.2 meters	AVL TECHNOLOGIES	1200K DSNG
	14000.0000 - 14500.0000 MHz		6M00G7F 61.26 dBW	DIGITAL COMPRESSED VIDEO CARRIER
	11700.0000 - 12200.0000 MHz		6M00G7F	DIGITAL COMPRESSED VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210929-01672 E E960132 Iridium Satellite LLC
Renewal 11/01/2021 - 11/01/2036
Grant of Authority Date Effective: 10/01/2021

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: METS
LOCATION: (200,000) Handheld Operating in the US&P, Mobile

ANTENNA ID:	Handheld	0 meters	MOTOROLA (200,000)	TIME DOMAIN DUPLEX
	1618.7250 - 1626.5000 MHz		41K7Q7W	DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 11.95 dBW	DQPSK

SITE ID: OpenPort
LOCATION: (0.525 M.) 50,000 units, Mobile

ANTENNA ID:	OpenPort	0.525 meters	CELESTICA	AT7521-2-A
	1618.7250 - 1626.5000 MHz		667KQ7W 9.40 dBW	FDMA/TDMA/TDD
	1618.7250 - 1618.7250 MHz		667KQ7W	FDMA/TDMA/TDD

SITE ID: LiveTV
LOCATION: 0.407M. 50,000 units (LiveTV), Mobile

ANTENNA ID:	LiveTV	0.407 meters	LiveTV	LV16-100301-101
	1618.7250 - 1626.5000 MHz		667KQ7W 6.40 dBW	FDMA/TDMA/TDD
	1618.7250 - 1626.5000 MHz		667KQ7W	FDMA/TDMA/TDD

SITE ID: AMS(R)S
LOCATION: 20,000 AMS(R)S terminals Operating aboard aircraft, Fairfax, McLean, VA

ANTENNA ID:	AMS(R)S-1		Aero Antenna	AT1621-23 Dual Patch
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-2	0.089 meters	Aero Antenna	AT2775-110 Single Pa
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 8.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-3	0.089 meters	Sensor Systems	S67-1575-409 Single
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-6	0.21 meters	Sensor Systems	S67-1575-160 Single
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-4	0.21 meters	Sensor Systems	S67-1575-365 Dual Pa
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-5	0.21 meters	Sensor Systems	S67-1575-168 Single
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 6.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-7	0.089 meters	Cobham	Comant CI 490-1 Sing
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-8	0.001 meters	Antcom	S4IR16RR-P-XX-X Sing
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W 8.50 dBW	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-9	0.102 meters	Antcom	S5GIR121RR-AP-XTN Si
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK

1618.7250 - 1626.5000 MHz	41K7Q7W	8.50 dBW	Voice and Data; DQPSK
SITE ID: Iridium Certus			
LOCATION: 1750 Tysons Boulevard, Suite 1400 0.312M. 50,000 units, Fairfax, McLean, VA			
ANTENNA ID: Aero 1-T	0.312 meters	Thales	General Aviation
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Aero 2-T	0.312 meters	Thales	AMS(R)S
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Maritime	0.312 meters	Various	Various
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data

1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: LandMobile	0.312 meters	Various	Various
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Aero I-C	0.312 meters	Cobham	General Aviation
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 QPSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data

Points of Communication:

AMS(R)S - IRIDIUM CONSTELLATIO - (NGSO)

Iridium Certus - IRIDIUM CONSTELLATIO - (NGSO)

LiveTV - IRIDIUM (S2110) - (NGSO)

METS - IRIDIUM (S2110) - (NGSO)

OpenPort - IRIDIUM (S2110) - (NGSO)

SES-RWL-20210929-01673 E E860942 SES Government Solutions, Inc.

Renewal

11/21/2021 - 11/21/2036

Grant of Authority

Date Effective: 10/01/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: SCHRIEVER AFT 210 FALCON PARKWAY, EL PASO, COLORADO SPRINGS, CO
38 ° 47 ' 58.00 " N LAT. 104 ° 31 ' 21.40 " W LONG.

ANTENNA ID: 1 11 meters VERTEX COMMUNICATION S CORP 11 KPC

6137.9000 - 6425.0000 MHz 36M0F1D 79.40 dBW

6137.9000 - 6425.0000 MHz 36M0G7W 66.90 dBW

6049.0000 - 6137.9000 MHz 36M0F1D 76.90 dBW

6049.0000 - 6137.9000 MHz 36M0G7W 64.40 dBW

5960.0000 - 6049.0000 MHz 36M0F1D 79.40 dBW

5960.0000 - 6049.0000 MHz 36M0G7W 66.90 dBW

5930.4000 - 5960.0000 MHz 36M0F1D 76.90 dBW

5930.4000 - 5960.0000 MHz 36M0G7W 64.40 dBW

5925.0000 - 5930.4000 MHz 36M0F1D 79.40 dBW

5925.0000 - 5930.4000 MHz 36M0G7W 66.90 dBW

3700.0000 - 4200.0000 MHz 36M0F1D

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210929-01674 E E960131 Iridium Satellite LLC
Renewal 11/01/2021 - 11/01/2036
Grant of Authority Date Effective: 10/01/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: SW CORNER OF PRICE RD & ELLIOT ROAD LOT 21, MARICOPA, TEMPE, AZ
33 ° 20 ' 32.00 " N LAT. 111 ° 53 ' 56.00 " W LONG.

ANTENNA ID:	1	3 meters	SCIENTIFIC-ATLANTA	3M	
	29227.0000 - 29233.0000 MHz		25K0G2D	71.50 dBW	BPSK/PM
	29100.0000 - 29300.0000 MHz		6M25G7W	71.50 dBW	OPSK
	29100.0000 - 29300.0000 MHz		14M0G7W	71.50 dBW	DIGITAL
	19504.0000 - 19510.0000 MHz		25K0G2D		BPSK/PM
	19400.0000 - 19600.0000 MHz		6M25G7W		OPSK
	19400.0000 - 19600.0000 MHz		14M0G7W		DIGITAL

ANTENNA ID:	ET4	3 meters	SCIENTIFIC-ATLANTA	3M	
	29100.0000 - 29300.0000 MHz		3M13G7W	67.50 dBW	DIGITAL TELEMETRY, TRACKING, AND COMMAND CARRIERS
	19400.0000 - 19600.0000 MHz		3M13G7W		DIGITAL TELEMETRY, TRACKING, AND COMMAND CARRIERS

Points of Communication:

1 - IRIDIUM (S2110) - (NGSO)

1 - ORBCOMM GEN1 (S2103) - (NGSO)

SES-RWL-20210929-01675 E E960622 Iridium Carrier Services LLC
Renewal 10/30/2021 - 10/30/2036
Grant of Authority Date Effective: 10/01/2021

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: METS

LOCATION: (200,000) Mobile Earth station TerminalS Operating in the US&P, Mobile

ANTENNA ID:	Handheld	0 meters	MOTOROLA (200,000)	TIME DOMAIN DUPLEX	
	1618.7250 - 1626.5000 MHz		41K7Q7W	11.95 dBW	DPSK

1618.7250 - 1626.5000 MHz	41K7Q7W		DPSK
SITE ID: OpenPort			
LOCATION: (0.525 M.) 50,000 units, Mobile			
ANTENNA ID: OpenPort1	0.525 meters	CELESTICA	AT7521-2-A
1618.7250 - 1626.5000 MHz	667KQ7W		FDMA/TDMA/TDD
1618.7250 - 1626.5000 MHz	667KQ7W	9.40 dBW	FDMA/TDMA/TDD
SITE ID: LiveTV			
LOCATION: 0.407M. 50,000 units (LiveTV), Mobile			
ANTENNA ID: LIVETV	0.407 meters	LIVETV	LV16-100301-101
1618.7250 - 1626.5000 MHz	667KQ7W	6.40 dBW	FDMA/TDMA/TDD
1618.7250 - 1626.5000 MHz	667KQ7W		FDMA/TDMA/TDD
SITE ID: AMS(R)S			
LOCATION: 20,000 AMS(R)S terminals Operating aboard aircraft, Fairfax, McLean, VA			
ANTENNA ID: AMS(R)S-1	0.21 meters	Aero Antenna	AT1621-23 Dual Patch
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-2	0.089 meters	Aero Antenna	AT2775-110 Single Pa
1618.7250 - 1626.5000 MHz	41K7Q7W	8.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-3	0.089 meters	Sensor Systems	S67-1575-409 Single
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-4	0.21 meters	Sensor Systems	S67-1575-365 Dual Pa
1618.7250 - 1626.5000 MHz	41K7Q7W	9.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK
ANTENNA ID: AMS(R)S-5	0.21 meters	Sensor Systems	S67-1575-168 Singl
1618.7250 - 1626.5000 MHz	41K7Q7W	6.00 dBW	Voice and Data; DQPSK
1618.7250 - 1626.5000 MHz	41K7Q7W		Voice and Data; DQPSK

ANTENNA ID:	AMS(R)S-6	0.21 meters	Sensor Systems	S67-1575-160 Single
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-7	0.089 meters	Cobham	Comant CI 490-1 Sing
	1618.7250 - 1626.5000 MHz		41K7Q7W 9.00 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-8	0.001 meters	Antcom	S4IR16RR-P-XX-X Sing
	1618.7250 - 1626.5000 MHz		41K7Q7W 8.50 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK
ANTENNA ID:	AMS(R)S-9	0.102 meters	Antcom	S5GIR121RR-AP-XTN Si
	1618.7250 - 1626.5000 MHz		41K7Q7W 8.50 dBW	Voice and Data; DQPSK
	1618.7250 - 1626.5000 MHz		41K7Q7W	Voice and Data; DQPSK

SITE ID: Iridium Certus
LOCATION: 1750 Tysons Boulevard, Suite 1400 0.312M. 50,000 units, Fairfax, McLean, VA

ANTENNA ID:	Aero 1-T	0.312 meters	Thales	General Aviation
	1618.7250 - 1626.5000 MHz		333KQ7W 21.20 dBW	16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz		83K3Q7W 14.50 dBW	QPSK Voice & Data
	1618.7250 - 1626.5000 MHz		41K7Q7W 14.30 dBW	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		41K7Q7W 11.70 dBW	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		333KQ7W 14.30 dBW	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		333KQ7W	16 APSK Voice & Digital
	1618.7250 - 1618.7250 MHz		83K3Q7W	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		41K7Q7W	QPSK Voice & Data
	1618.7250 - 1618.7250 MHz		333KQ7W	QPSK Voice & Data
ANTENNA ID:	Aero 2-T	0.312 meters	Thales	AMS(R)S
	1618.7250 - 1626.5000 MHz		333KQ7W 21.20 dBW	16 APSK Voice & Digital
	1618.7250 - 1626.5000 MHz		83K3Q7W 14.50 dBW	QPSK Voice & Data

1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Aero 1-C	0.312 meters	Cobham	General Aviation
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		QPSK Voice & Data
ANTENNA ID: Maritime	0.312 meters	Various	Various
1618.7250 - 1626.5000 MHz	333KQ7W	21.20 dBW	16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz	333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz	83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz	41K7Q7W		QPSK Voice & Data

1618.7250 - 1626.5000 MHz		333KQ7W		QPSK Voice & Data
ANTENNA ID:	LandMobile	0.312 meters	Various	Various
1618.7250 - 1626.5000 MHz		333KQ7W	21.20 dBW	16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W	14.50 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W	11.70 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W	14.30 dBW	QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		16 APSK Voice & Digital
1618.7250 - 1626.5000 MHz		83K3Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		41K7Q7W		QPSK Voice & Data
1618.7250 - 1626.5000 MHz		333KQ7W		QPSK Voice & Data

Points of Communication:

AMS(R)S - IRIDIUM CONSTELLATIO - (NGSO)

Iridium Certus - IRIDIUM CONSTELLATIO - (NGSO)

LiveTV - IRIDIUM (S2110) - (NGSO)

METS - IRIDIUM (S2110) - (NGSO)

OpenPort - IRIDIUM (S2110) - (NGSO)

SES-RWL-20211001-01678 E E960489 Scripps Broadcasting Holdings LLC
Renewal 11/01/2021 - 11/01/2036
Grant of Authority Date Effective: 10/01/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	2.4 meters	VERTEX	MODEL 2.4 DMK
14000.0000 - 14500.0000 MHz		36M0F8F	68.60 dBW	NTSC video
14000.0000 - 14500.0000 MHz		24M0F8F	68.60 dBW	NTSC video

14000.0000 - 14500.0000 MHz	36M0G7W	61.60 dBW	PHASE MODULATION; TWO OR MORE CHANNELS CONTAINING DIGITAL INFORMATION; VIDEO TELEPHONY AND DATA
14000.0000 - 14500.0000 MHz	24M0F8W	68.60 dBW	FREQUENCY MODULATION; TWO OR MORE CHANNELS CONTAINING ANALOGUE INFORMATION; VIDEO, TELEPHONY AND DATA
14000.0000 - 14500.0000 MHz	36M0F8W	68.60 dBW	FREQUENCY MODULATION; TWO OR MORE CHANNELS CONTAINING ANALOGUE INFORMATION; VIDEO, TELEPHONY AND DATA
11700.0000 - 12200.0000 MHz	36M0F8F		NTSC video
11700.0000 - 12200.0000 MHz	24M0F8F		NTSC video
11700.0000 - 12200.0000 MHz	36M0G7W		PHASE MODULATION; TWO OR MORE CHANNELS CONTAINING DIGITAL INFORMATION; VIDEO TELEPHONY AND DATA
11700.0000 - 12200.0000 MHz	24M0F8W		FREQUENCY MODULATION; TWO OR MORE CHANNELS CONTAINING ANALOGUE INFORMATION; VIDEO, TELEPHONY AND DATA
11700.0000 - 12200.0000 MHz	36M0F8W		FREQUENCY MODULATION; TWO OR MORE CHANNELS CONTAINING ANALOGUE INFORMATION; VIDEO, TELEPHONY AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20211005-01685 E E950198 All Mobile Video Inc
 Renewal 11/22/2021 - 11/22/2036
 Grant of Authority Date Effective: 10/05/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID: Com-15 4.6 meters Andrew E5466MPJ-412N

14000.0000 - 14500.0000 MHz	128KG7D	54.85 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M54G7D	63.10 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G1W	75.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	8M00G7W	71.70 dBW	Digital Data

14000.0000 - 14500.0000 MHz	31M2G2F	75.30 dBW	Compressed Digital Video
14000.0000 - 14500.0000 MHz	36M0G1F	75.30 dBW	Compressed Digital Video
14000.0000 - 14500.0000 MHz	8M00G7F	71.70 dBW	Compressed Digital Video
14000.0000 - 14500.0000 MHz	36M0F8F	75.30 dBW	Analog Video w/ Associated Audio
11700.0000 - 12200.0000 MHz	128KG7D		Digital Data
11700.0000 - 12200.0000 MHz	1M54G7D		Digital Data
11700.0000 - 12200.0000 MHz	36M0G1W		Digital Data
11700.0000 - 12200.0000 MHz	8M00G7W		Digital Data
11700.0000 - 12200.0000 MHz	31M2G2F		Compressed Digital Video
11700.0000 - 12200.0000 MHz	36M0G1F		Compressed Digital Video
11700.0000 - 12200.0000 MHz	8M00G7F		Compressed Digital Video
11700.0000 - 12200.0000 MHz	36M0F8F		Analog Video w/ Associated Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20210901-01591	E	E010112	Intelsat License LLC, as debtor-in-possession	
Special Temporary Authority				
Grant of Authority			Date Effective:	10/01/2021

Class of Station:

On October 1, 2021, Intelsat License LLC, as debtor-in-possession was granted special temporary authority for 30 days, beginning on October 1, 2021, to operate its fixed earth station in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services for the United Kingdom-licensed HYLAS-1 satellite during the drift between the 159° E.L. location to on-station at the 80.8°W.L. orbital location. The authorized operations are at center frequencies of: 17302.048 MHz and 17305.051 MHz (Earth-to-space) and 11701.008 MHz, and 11702.808 MHz (space-to-Earth).

Points of Communication:

SES-STA-20210901-01602	E	E990323	Intelsat License LLC, as debtor-in-possession	
Special Temporary Authority				
Grant of Authority			Date Effective:	10/01/2021

Class of Station:

On October 1, 2021, Intelsat License LLC, as debtor-in-possession was granted special temporary authority for 30 days, beginning on October 1, 2021, to operate its fixed earth station in Castle Rock, CO to provide telemetry, tracking and command (TT&C) services for the United Kingdom-licensed HYLAS-1 satellite during the drift between the 159° E.L. location to on-station at the 80.8°W.L. orbital location. The authorized operations are at center frequencies of: 17302.048 MHz and 17305.051 MHz (Earth-to-space) and 11701.008 MHz, and 11702.808 MHz (space-to-Earth).

Points of Communication:**SES–STA–20210901–01603** E KA258 Intelsat License LLC, as debtor-in-possession

Special Temporary Authority

Grant of Authority

Date Effective: 10/01/2021

Class of Station:

On October 1, 2021, Intelsat License LLC, as debtor-in-possession was granted special temporary authority for 30 days, beginning on October 1, 2021, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking and command (TT&C) services for the United Kingdom-licensed HYLAS-1 satellite during the drift between the 159° E.L. location to on-station at the 80.8°W.L. orbital location. The authorized operations are at center frequencies of: 17302.048 MHz and 17305.051 MHz (Earth-to-space) and 11701.008 MHz, and 11702.808 MHz (space-to-Earth).

Points of Communication:**SES–STA–20210917–01604** E E202115 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 10/01/2021

Class of Station:

On October 1, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 30, 2021, to operate its fixed earth station in Robertsdale, AL with the SpaceX Starlink (S2983/3018) satellite constellation in the 27500-29100 MHz and 29500-30000 MHz (Earth-to-space) and 17800-18600 MHz, and 18800-19300 MHz (space-to-Earth) frequency bands.

Points of Communication:**SES–STA–20210917–01605** E E202113 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 10/04/2021

Class of Station:

On October 4, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 30, 2021, to operate its fixed earth station in Colburn, ID with the SpaceX Starlink (S2983/3018) satellite constellation in the 27500-29100 MHz and 29500-30000 MHz (Earth-to-space) and 17800-18600 MHz, and 18800-19300 MHz (space-to-Earth) frequency bands.

Points of Communication:**SES–STA–20210921–01615** E E202127 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 10/04/2021

Class of Station:

Administrative grant to reflect operations pursuant to Section 1.62 of the Commission's rules.

Points of Communication:

SES-STA-20210921-01616 E E202125 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 10/04/2021

Class of Station:

On October 4, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 30, 2021, to operate its fixed earth station in Vernon, UT with the SpaceX Starlink (S2983/3018) satellite constellation in the 27500-29100 MHz and 29500-30000 MHz (Earth-to-space) and 17800-18600 MHz, and 18800-19300 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210923-01636 E E210110 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 10/04/2021

Class of Station:

On October 4, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 30, 2021, to operate its fixed earth station in Honolulu, HI with the SpaceX Starlink (S2983/3018) satellite constellation in the 27500-29100 MHz and 29500-30000 MHz (Earth-to-space) and 17800-18600 MHz, and 18800-19300 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20210923-01640 E E210089 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 10/04/2021

Class of Station:

On October 4, 2021, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on September 30, 2021, to operate its fixed earth station in Rolette, ND with the SpaceX Starlink (S2983/3018) satellite constellation in the 27500-29100 MHz and 29500-30000 MHz (Earth-to-space) and 17800-18600 MHz, and 18800-19300 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-T/C-20210917-01570 E E191325 Stonepeak Associates IV LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 08/19/2021

Current Licensee: EnTouch

FROM: Radiate Holdings, L.P.

TO: Stonepeak Associates IV LLC

No. of Station(s) listed: 1

SES-T/C-20210917-01571 E E181751 Stonepeak Associates IV LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 08/19/2021

Current Licensee: WaveDivision VII, LLC

FROM: Radiate Holdings, L.P.

TO: Stonepeak Associates IV LLC

No. of Station(s) listed: 3

SES-T/C-20210917-01572	E E190471	Stonepeak Associates IV LLC	
Application for Consent to Transfer of Control			Date Effective: 08/19/2021
Consummated			
Current Licensee:	WaveDivision IV, LLC		
FROM:	Radiate Holdings, L.P.		
TO:	Stonepeak Associates IV LLC		
			No. of Station(s) listed: 1
SES-T/C-20210917-01573	E E181753	Stonepeak Associates IV LLC	
Application for Consent to Transfer of Control			Date Effective: 08/19/2021
Consummated			
Current Licensee:	WaveDivision I, LLC		
FROM:	Radiate Holdings, L.P.		
TO:	Stonepeak Associates IV LLC		
			No. of Station(s) listed: 2
SES-T/C-20210917-01574	E E190456	Stonepeak Associates IV LLC	
Application for Consent to Transfer of Control			Date Effective: 08/19/2021
Consummated			
Current Licensee:	Astound Broadband, LLC		
FROM:	Radiate Holdings, L.P.		
TO:	Stonepeak Associates IV LLC		
			No. of Station(s) listed: 4
SES-T/C-20210917-01575	E E130223	Stonepeak Associates IV LLC	
Application for Consent to Transfer of Control			Date Effective: 08/19/2021
Consummated			
Current Licensee:	Grande Communications Networks, LLC		
FROM:	Radiate Holdings, L.P.		
TO:	Stonepeak Associates IV LLC		
			No. of Station(s) listed: 5
SES-T/C-20210917-01576	E E990279	Stonepeak Associates IV LLC	
Application for Consent to Transfer of Control			Date Effective: 08/19/2021
Consummated			
Current Licensee:	STARPOWER COMMUNICATIONS LLC		
FROM:	Radiate Holdings, L.P.		
TO:	Stonepeak Associates IV LLC		
			No. of Station(s) listed: 1
SES-T/C-20210917-01577	E E010323	Stonepeak Associates IV LLC	
Application for Consent to Transfer of Control			Date Effective: 08/19/2021
Consummated			
Current Licensee:	RCN Telecom Services of New York, LP		
FROM:	Radiate Holdings, L.P.		
TO:	Stonepeak Associates IV LLC		
			No. of Station(s) listed: 1

SES-T/C-20210917-01578 E E190485 Stonepeak Associates IV LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 08/19/2021

Current Licensee: RCN Telecom Services of Massachusetts, LLC
FROM: Radiate Holdings, L.P.
TO: Stonepeak Associates IV LLC

No. of Station(s) listed: 1

SES-T/C-20210917-01579 E E970384 Stonepeak Associates IV LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 08/19/2021

Current Licensee: RCN Telecom Services of Illinois, LLC
FROM: Radiate Holdings, L.P.
TO: Stonepeak Associates IV LLC

No. of Station(s) listed: 1

SES-T/C-20210917-01580 E E060102 Stonepeak Associates IV LLC
Application for Consent to Transfer of Control
Consummated Date Effective: 08/19/2021

Current Licensee: RCN Telecom Services (Lehigh) LLC
FROM: Radiate Holdings, L.P.
TO: Stonepeak Associates IV LLC

No. of Station(s) listed: 3

Dismissal

SES-STA-20210929-01660 E202175 SpaceX Services, Inc.
Application is dismissed, SES-LIC-20201019-01147 has been granted.

SURRENDER

SES-LIC-20120829-00790 E120178 SES Government Solutions, Inc.
License surrendered by letter filed on September 29, 2021.

SES-LIC-20121108-00997 E120230 SES Government Solutions, Inc.
License surrendered by letter filed on September 29, 2021.

SES-LIC-20191023-01383 E190886 WML Services, LLC
License surrendered by letter filed on September 30, 2021.

SES-LIC-20191023-01384 E190887 WML Services, LLC
License surrendered by letter filed on September 30, 2021.

SES-MOD-20110901-01017 E000193 Spot Media Transfer, Inc.
License surrendered by letter filed on September 29, 2021.

SES-REG-20180612-01419 E180810 Sunset Digital Communications, INC
Registration surrendered by letter filed on September 30, 2021.

SES-REG-20181017-06806 E201423 White Ash Broadcasting, Inc.
Registration surrendered by letter filed on September 29, 2021.

SES-RWL-20090403-00407 E890254 SES Government Solutions, Inc.
License surrendered by letter filed on September 29, 2021.

SES-RWL-20090403-00408 E890255 SES Government Solutions, Inc.
License surrendered by letter filed on September 29, 2021.

SES-RWL-20100802-00975 KJ78 Utah State University of Agricultural and Applied Science
Registration surrendered by letter filed on October 4, 2021.

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