



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
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Report No. SES-02348

Wednesday March 24, 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-MOD-20190225-00190	E	E050018	Newcom International, Inc.	
Application for Modification				03/23/2020 - 03/23/2035
Grant of Authority				Date Effective: 03/18/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 15590 N.W. 15TH AVE., DADE, MIAMI, FL
25 ° 54 ' 59.30 " N LAT.

80 ° 13 ' 29.20 " W LONG.

ANTENNA ID:	4.5 C	4.5 meters	ANDREW CORPORATION	4.5 Meter
6391.0000 - 6425.0000 MHz		34M0G7W	67.70 dBW	digital modulation, voice and data services
6391.0000 - 6425.0000 MHz		128KG7D	59.00 dBW	digital modulation, voice and data services
6331.0000 - 6359.0000 MHz		28M0G7W	67.70 dBW	digital modulation, voice and data services
6331.0000 - 6359.0000 MHz		128KG7D	59.00 dBW	digital modulation, voice and data services
6272.0000 - 6299.0000 MHz		27M0G7W	67.70 dBW	digital modulation, voice and data services
6272.0000 - 6299.0000 MHz		128KG7D	59.00 dBW	digital modulation, voice and data services

	6168.0000 - 6240.0000 MHz	45M0G7W	67.70 dBW	digital modulation, voice and data services
	6168.0000 - 6240.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
	6079.0000 - 6107.0000 MHz	28M0G7W	67.70 dBW	digital modulation, voice and data services
	6079.0000 - 6107.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
	6020.0000 - 6047.0000 MHz	27M0G7W	67.70 dBW	digital modulation, voice and data services
	6020.0000 - 6047.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
	5961.0000 - 5988.0000 MHz	27M0G7W	67.70 dBW	digital modulation, voice and data services
	5961.0000 - 5988.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
	5925.0000 - 6425.0000 MHz	45M0G7W	67.70 dBW	digital modulation, voice and data services
	5925.0000 - 6425.0000 MHz	128KG7D	52.80 dBW	digital modulation, voice and data services
	5925.0000 - 5929.0000 MHz	4M00G7W	59.00 dBW	digital modulation, voice and data services
	5925.0000 - 5929.0000 MHz	128KG7D	67.70 dBW	digital modulation, voice and data services
	3700.0000 - 4200.0000 MHz	45M0G7W		digital modulation, voice and data services
	3700.0000 - 4200.0000 MHz	128KG7D		digital modulation, voice and data services
ANTENNA ID:	4.5 Ku	4.5 meters	ANDREW CORPORATION	ES45MP-1
	14000.0000 - 14500.0000 MHz	128KG7D	54.95 dBW	digital modulation, voice and data services
	14000.0000 - 14500.0000 MHz	45M0G7W	74.86 dBW	digital modulation, voice and data services
	11700.0000 - 12200.0000 MHz	128KG7D		digital modulation, voice and data services
	11700.0000 - 12200.0000 MHz	45M0G7W	0.00 dBW	digital modulation, voice and data services
ANTENNA ID:	ES 3	4.6 meters	ANDREW CORPORATION	ES46MP-1

	14000.0000 - 14500.0000 MHz	128KG7D	56.05 dBW	digital w/various modulation, forward error correction, and data rate configurations
	14000.0000 - 14500.0000 MHz	45M0G7W	75.96 dBW	digital w/various modulation, forward error correction, and data rate configurations
	11700.0000 - 12200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations
	11700.0000 - 12200.0000 MHz	45M0G7W		digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID: ES 2C	4.5 meters	ANDREW CORPORATION		ES45MP-1
	6391.0000 - 6425.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6391.0000 - 6425.0000 MHz	34M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6331.0000 - 6359.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6331.0000 - 6359.0000 MHz	28M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6272.0000 - 6299.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6272.0000 - 6299.0000 MHz	27M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6168.0000 - 6240.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6168.0000 - 6240.0000 MHz	45M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6079.0000 - 6107.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
	6079.0000 - 6107.0000 MHz	28M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations

6020.0000 - 6047.0000 MHz	128KG7W	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
6020.0000 - 6047.0000 MHz	27M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
5961.0000 - 5988.0000 MHz	128KG7D	59.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
5961.0000 - 5988.0000 MHz	27M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 6425.0000 MHz	128KG7D	52.80 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 6425.0000 MHz	45M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 5929.0000 MHz	4M0G7W	49.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 5929.0000 MHz	128KG7D	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
3700.0000 - 4200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations
3700.0000 - 4200.0000 MHz	45M0G7W		digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID: ES 2Ku	4.5 meters	ANDREW CORPORATION	ES45MP-1
14000.0000 - 14500.0000 MHz	128KG7D	54.95 dBW	digital w/various modulation, forward error correction, and data rate configurations
14000.0000 - 14500.0000 MHz	45M0G7W	74.86 dBW	digital w/various modulation, forward error correction, and data rate configurations
13750.0000 - 14000.0000 MHz	128KG7D	55.00 dBW	DIGITAL MODULATION, VOICE AND DATA SERVICES
13750.0000 - 14000.0000 MHz	36M0G7W	74.90 dBW	DIGITAL MODULATION, VOICE AND DATA SERVICES
11700.0000 - 12200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations

11700.0000 - 12200.0000 MHz		45M0G7W		digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID:	ES 4KU	8.1 meters	GENERAL DYNAMICS (VERTEX/RSI)	GD 8.1
14000.0000 - 14500.0000 MHz		128KG7D	60.75 dBW	DIGITAL
14000.0000 - 14500.0000 MHz		45M0G7W	81.50 dBW	DIGITAL
11700.0000 - 12200.0000 MHz		128KG7D	0.00 dBW	DIGITAL
11700.0000 - 12200.0000 MHz		45M0G7W		DIGITAL
ANTENNA ID:	ES 5KU	3.8 meters	PRDELIN	1385
14000.0000 - 14500.0000 MHz		128KG7D	54.25 dBW	DIGITAL
14000.0000 - 14500.0000 MHz		45M0G7W	65.96 dBW	DIGITAL
11700.0000 - 12200.0000 MHz		128KG7D		DIGITAL
11700.0000 - 12200.0000 MHz		45M0G7W		DIGITAL
ANTENNA ID:	V240MC	2.4 meters	INTELLIAN	V240M
5925.0000 - 6425.0000 MHz		1M00G7D	48.90 dBW	DIGITAL
5925.0000 - 6425.0000 MHz		20M0G7D	61.90 dBW	DIGITAL
ANTENNA ID:	V249MTC	2.4 meters	INTELLIAN	V240MT
5925.0000 - 6425.0000 MHz		1M00G7D	48.90 dBW	DIGITAL
5925.0000 - 6425.0000 MHz		20M0G7D	61.90 dBW	DIGITAL
ANTENNA ID:	9797BC	2.4 meters	SEATEL	9797B
5925.0000 - 6425.0000 MHz		1M00G7D	48.90 dBW	DIGITAL
5925.0000 - 6425.0000 MHz		20M0G7D	57.00 dBW	DIGITAL
ANTENNA ID:	1251C	2.4 meters	PRODELIN	1251
5925.0000 - 5930.2000 MHz		299KG7W	44.90 dBW	DIGITAL
6419.9650 - 6425.0000 MHz		299KG7W	44.90 dBW	DIGITAL
6167.9250 - 6182.0650 MHz		299KG7W	44.90 dBW	DIGITAL
ANTENNA ID:	VERTEX	13 meters	VERTEX	K13K

14000.0000 - 14500.0000 MHz	160MD7W	74.70 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	160MD7W		DIGITAL
Points of Communication:			
1 - AMAZONAS 1 (S2622) - (61 W.L.)			
1 - AMAZONAS 2 (S2793) - (61 W.L.)			
1 - EUTELSAT115WB(S2938) - (114.9 W.L.)			
1 - HISPASAT - (30.0 W.L.)			
1 - Intelsat 904(S2408) - (29.5)			
1 - NSS-7 (S2854) - (20 W.L.)			
1 - PERMITTED LIST - ()			
1 - SOLIDARIDAD F-2 - (113.0 W.L.)			
SES-MOD-20190523-00788	E E3816	WPXI, LLC	
Application for Modification			12/31/2011 - 12/31/2026
Grant of Authority			Date Effective: 03/22/2021
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	TV HILL		
LOCATION:	11 TELEVISION HILL, ALLEGHENY, PITTSBURGH, PA		
	40 ° 27 ' 49.40 " N LAT.	80 ° 0 ' 16.30 " W LONG.	
ANTENNA ID:	11TVHILL	7 meters	SCIENTIFIC ATLANTA 8010
3700.0000 - 4200.0000 MHz	36M0G7W		digital video, audio, and data
Points of Communication:			
TV HILL - PERMITTED LIST - ()			
SES-MOD-20190924-01205	E E8290	Gray Television Licensee, LLC	
Application for Modification			01/25/2020 - 01/25/2035
Grant of Authority			Date Effective: 03/17/2021
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	645 FIFTH AVENUE, CABELL, HUNTINGTON, WV		
	38 ° 25 ' 4.60 " N LAT.	82 ° 26 ' 50.20 " W LONG.	
ANTENNA ID:	1	5 meters	COMTECH 846000-G-2

3700.0000 - 4200.0000 MHz	36M0G7F	Digital
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-MOD-20191121-01559	E E020244	Alascom, Inc.
Application for Modification		12/02/2017 - 12/02/2032
Grant of Authority		Date Effective: 03/22/2021
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	101 FRONT STREET, BETTLES, AK	
	66 ° 55 ' 26.30 " N LAT.	151 ° 30 ' 18.50 " W LONG.
ANTENNA ID:	1	4.5 meters
	ANDREW CORP	ESA45M-46
5925.0000 - 6425.0000 MHz	1M15G7W	59.20 dBW
		T1, ADPCM, VOICE & DATA
3700.0000 - 4200.0000 MHz	1M15G7W	
ANTENNA ID:	2	1.2 meters
	GEN DYNAMICS	
29500.0000 - 30000.0000 MHz	29K0G7W	29.16 dBW
		DIGITAL DATA
29500.0000 - 30000.0000 MHz	15M0G7W	56.30 dBW
		DIGITAL DATA
19700.0000 - 20200.0000 MHz	29K0G7W	
		DIGITAL DATA
19700.0000 - 20200.0000 MHz	15M0G7W	
		DIGITAL DATA
Points of Communication:		
1 - PERMITTED LIST - ()		
1 - SPACEWAY 2 (S2133) - (138.9 W.L.)		
SES-MOD-20191122-01554	E E6216	Alascom, Inc.
Application for Modification		09/16/2018 - 09/16/2033
Grant of Authority		Date Effective: 03/22/2021
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	NSN KAKHONAK AK, KAKHONAK, AK	
	59 ° 26 ' 29.00 " N LAT.	154 ° 45 ' 10.00 " W LONG.
ANTENNA ID:	1	4.5 meters
	ANDREW CORPORATION	MODEL ESA45-46A

5925.0000 - 6425.0000 MHz	30K0F3W	49.90 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				
ANTENNA ID: 2	1.2 meters	GEN DYNAMICS	3122	
29500.0000 - 30000.0000 MHz	29K0G7W	29.16 dBW	DIGITAL DATA	
29500.0000 - 30000.0000 MHz	15M0G7W	56.30 dBW	DIGITAL DATA	
19700.0000 - 20200.0000 MHz	29K0G7W		DIGITAL DATA	
19700.0000 - 20200.0000 MHz	15M0G7W		DIGITAL DATA	
Points of Communication:				
1 - PERMITTED LIST - ()				
1 - SPACEWAY 2 (S2133) - (138.9 W.L.)				
SES-MOD-20201223-01432	E E970381	GUSA Licensee LLC		
Application for Modification			10/04/2009 - 10/04/2024	
Grant of Authority			Date Effective:	03/19/2021
Class of Station:	Mobile Earth Station			
Nature of Service:	Mobile Satellite Service			
SITE ID:	1			
LOCATION:	CONUS, Alaska, Hawaii, Puerto Rico, US Virgin Islands, all US territories,, all US WATER			
ANTENNA ID: Handhld	0.08 meters	Tele Communications, Inc. for Qualcomm	handheld units	
2483.5000 - 2500.0000 MHz	1M23G1W		CDMA / Voice and data	
1610.0000 - 1618.7250 MHz	1M23G1W	1.00 dBW	CDMA / Voice and data	
ANTENNA ID: V Mobile	0.08 meters	VARIOUS	VARIOUS	
2483.5000 - 2500.0000 MHz	1M23G1W		CDMA / Voice and data	

	1610.0000 - 1618.7250 MHz		1M23G1W	9.00 dBW	CDMA / Voice and data
ANTENNA ID:	A Fixed	0.08 meters	Tele Communications, Inc. for Qualcomm		Ancillary fixed
	2483.5000 - 2500.0000 MHz		1M23G1W		CDMA / Voice and data
	1610.0000 - 1618.7250 MHz		1M23G1W	8.00 dBW	CDMA / Voice and data
ANTENNA ID:	Aviation1	0.08 meters	ARNAV (Size: 3.93"Lx3"Wx0.88"D)		RCOM-100
	2483.5000 - 2500.0000 MHz		1M23G1W		CDMA/ for single-carrier AMSS
	1610.0000 - 1618.7250 MHz		1M23G1W	2.00 dBW	Direct-sequence CDMA for single-carrier AMSS
ANTENNA ID:	Telemetry	0.08 meters	VARIOUS		VARIOUD
	2483.5000 - 2500.0000 MHz		1M23XXX		DATA
	1610.0000 - 1618.7250 MHz		2M50G1D	0.00 dBW	Direct-sequence CDMA for single-carrier telemetry data
ANTENNA ID:	Aviation2	0.08 meters	Qualcomm (Size: 3.93"Lx3"Wx0.88"D)		MDSS
	2483.5000 - 2500.0000 MHz		1M23G7W		Direct-sequence CDMA for multi-carrier air-based or ground-based MSS
	1610.0000 - 1618.7250 MHz		1M23G7W	2.00 dBW	Direct-sequence CDMA for multi-carrier air-based or ground-based MSS
ANTENNA ID:	Handhld2	0.08 meters	VARIOUS		VARIOUS
	2483.5000 - 2500.0000 MHz		1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz		1M23G1W	0.00 dBW	CDMA/Voice and Data
ANTENNA ID:	V Mobile3	0.08 meters	Tecom for Richardson Electronics		Vehicular Mobile 3
	2483.5000 - 2500.0000 MHz		1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz		1M23G1W	4.00 dBW	CDMA/Voice and Data
ANTENNA ID:	A Fixed4	0.08 meters	VARIOUS		VARIOUS
	2483.5000 - 2500.0000 MHz		1M23G1W		CDMA/Voice and Data
	1610.0000 - 1618.7250 MHz		1M23G1W	9.80 dBW	CDMA/Voice and Data
ANTENNA ID:	MCM-4	0.08 meters	Tecom for Richardson Electronics		MCM-4
	2483.5000 - 2500.0000 MHz		1M23G7W		Direct-sequence CDMA for four-channel voice and data

1610.0000 - 1618.7250 MHz	1M23G7W	7.50 dBW	Direct-sequence CDMA for four-channel voice and data
ANTENNA ID: SDVM	0.08 meters	Tecom for Richardson Electronics	GSP-1720
2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
1610.0000 - 1618.7250 MHz	1M23G1W	4.00 dBW	CDMA/Voice and Data
ANTENNA ID: V Mobile2	0.08 meters	Qualcomm	GCK-1410
2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
1610.0000 - 1618.7250 MHz	1M23G1W	5.00 dBW	CDMA/Voice and Data
ANTENNA ID: A Fixed2	0.08 meters	Qualcomm	GSP-2900
2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
1610.0000 - 1618.7250 MHz	1M23G1W	6.70 dBW	CDMA/Voice and Data
ANTENNA ID: A Fixed3	0.08 meters	Ericsson	FAU-200
2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
1610.0000 - 1618.7250 MHz	1M23G1W	7.97 dBW	CDMA/Voice and Data
ANTENNA ID: SDM	0.08 meters	Qualcomm	GSP-1620
2483.5000 - 2500.0000 MHz	1M23G1W		CDMA/Voice and Data
1610.0000 - 1618.7250 MHz	1M23G1W	4.50 dBW	CDMA/Voice and Data
ANTENNA ID: Handhld3	0.08 meters	VARIOUS	VARIOUS
1610.0000 - 1618.7250 MHz	280KG1D	0.00 dBW	Burst mode packet data with BPSK modulation
1610.0000 - 1618.7250 MHz	230KG1D	0.00 dBW	Burst mode packet data with BPSK modulation
1610.0000 - 1618.7250 MHz	200KG1D	0.00 dBW	Burst mode packet data with BPSK modulation
2483.5000 - 2500.0000 MHz	4M50G7D	0.00 dBW	Burst mode packet data with π/2-BPSK modulation
ANTENNA ID: PTracker	0.08 meters	VARIOUS	VARIOUS
2483.5000 - 2500.0000 MHz	1M23XXX		DATA
1610.0000 - 1618.7250 MHz	2M50G1D	-3.00 dBW	Direct-sequence CDMA for single-carrier telemetry data

Points of Communication:

1 - GLOBALSTAR (S2115) - (NGSO)

1 - GLOBALSTAR 2.0 - (NGSO)

SES-RWL-20210218-00358 E E060028 DISH Broadcasting Corporation

Renewal

03/28/2021 - 03/28/2036

Grant of Authority

Date Effective: 03/19/2021

Class of Station: Fixed Earth Stations

Nature of Service: Other

SITE ID: Monee, IL

LOCATION: 6723 West Steger Road, Will, Monee, IL

41 ° 28 ' 6.50 " N LAT.

87 ° 46 ' 33.90 " W LONG.

ANTENNA ID: ILT3/ILT4 13.2 meters TIW 13.2 Meter

17300.0000 - 17800.0000 MHz 24M0M1F 87.40 dBW Digital Compressed Video

17300.0000 - 17800.0000 MHz 1M50G2D 87.40 dBW Command Carrier (TT&C)

12200.0000 - 12700.0000 MHz 24M0M1F Digital Compressed Video

12200.0000 - 12700.0000 MHz 300KG2D Telemetry Beacon (TT&C)

Points of Communication:

Monee, IL - ECHOSTAR 10 - (110.2 W.L.)

Monee, IL - ECHOSTAR 2 - (148 W.L.)

Monee, IL - ECHOSTAR 3 (S2741) - (61.5 W.L.)

Monee, IL - ECHOSTAR 5 - (129 W.L.)

Monee, IL - ECHOSTAR 6 - (110 W.L.)

Monee, IL - ECHOSTAR 7 - (119 W.L.)

Monee, IL - ECHOSTAR 8 - (110 W.L.)

Monee, IL - ECHOSTAR I - (148.0 W.L.)

Monee, IL - ECHOSTAR/DISH - ()

Monee, IL - RAINBOW1 - (61.5 W.L.)

SES-RWL-20210218-00360 E E050181 DISH Broadcasting Corporation

Renewal

04/07/2021 - 04/07/2036

Grant of Authority

Date Effective: 03/19/2021

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service

SITE ID: K4 & K5

LOCATION: 530 EchoStar Drive, Laramie, Cheyenne, WY
41 ° 7 ' 57.00 " N LAT.

104 ° 44 ' 17.30 " W LONG.

ANTENNA ID:	K4	9 meters	Vertex	9.0 KPK
	14000.0000 - 14500.0000 MHz	1M00F2D	70.40 dBW	Digital Data
	14000.0000 - 14500.0000 MHz	36M0F8F	70.40 dBW	Analog Video
	14000.0000 - 14500.0000 MHz	24M0G7F	70.40 dBW	Digital Compressed Video
	14000.0000 - 14500.0000 MHz	36M0G7F	70.40 dBW	Digital Compressed Video
	11700.0000 - 12200.0000 MHz	1M00F2D	0.00 dBW	Digital Data
	11700.0000 - 12200.0000 MHz	36M0F8F		Analog Video
	11700.0000 - 12200.0000 MHz	24M0G7F		Digital Compressed Video
	11700.0000 - 12200.0000 MHz	36M0G7F		Digital Compressed Video
ANTENNA ID:	K5	9 meters	Vertex	9.0 KPK
	14000.0000 - 14500.0000 MHz	1M00F2D	70.40 dBW	Digital Data
	14000.0000 - 14500.0000 MHz	26M0F8F	70.40 dBW	Analog Video
	14000.0000 - 14500.0000 MHz	24M0G7F	70.40 dBW	Digital Compressed Video
	14000.0000 - 14500.0000 MHz	36M0G7F	70.40 dBW	Digital Compressed Video
	11700.0000 - 12200.0000 MHz	1M00F2D	0.00 dBW	Digital Data
	11700.0000 - 12200.0000 MHz	36M0F8F		Analog Video
	11700.0000 - 12200.0000 MHz	24M0G7F		Digital Compressed Video
	11700.0000 - 12200.0000 MHz	36M0G7F		Digital Compressed Video

Points of Communication:

K4 & K5 - AMC 16 - (118.75)

K4 & K5 - ANIK F3 - (118.7 W.L.)

K4 & K5 - PERMITTED LIST - ()

Date Effective: 03/19/2021

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: TXT3/TXT4

LOCATION: 710 CONRAD'S LANE, COMAL, NEW BRAUNFELS, TX

29 ° 45 ' 35.90 " N LAT.

98 ° 3 ' 48.10 " W LONG.

ANTENNA ID: TXT3/TXT4 13.2 meters TIW

13.2 METER

17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW
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Digital Compressed Video

17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW
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Command Carrier (TT&C)

12200.0000 - 12700.0000 MHz 24M0M1F

Digital Compressed Video

12200.0000 - 12700.0000 MHz 300KG2D

Telemetry Beacon (TT&C)

Points of Communication:

TXT3/TXT4 - ECHOSTAR 10 - (110.2 W.L.)

TXT3/TXT4 - ECHOSTAR 2 - (148 W.L.)

TXT3/TXT4 - ECHOSTAR 3 (S2741) - (61.5 W.L.)

TXT3/TXT4 - ECHOSTAR 5 - (129 W.L.)

TXT3/TXT4 - ECHOSTAR 6 - (110 W.L.)

TXT3/TXT4 - ECHOSTAR 7 - (119 W.L.)

TXT3/TXT4 - ECHOSTAR 8 - (110 W.L.)

TXT3/TXT4 - ECHOSTAR I - (148.0 W.L.)

TXT3/TXT4 - ECHOSTAR/DISH - ()

TXT3/TXT4 - RAINBOW1 - (61.5 W.L.)

Date Effective: 03/17/2021

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1000 MONTE SANO BLVD (WAAY), MADISON, HUNTSVILLE, AL

34 ° 44 ' 16.30 " N LAT.

86 ° 32 ' 0.90 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210219-00364	E	E060096	Scripps Broadcasting Holdings LLC	03/27/2021 - 03/27/2036
Renewal				Date Effective: 03/17/2021
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1909 SOUTH NEW ROAD, MCLENNAN, WACO, TX
31 ° 30 ' 25.80 " N LAT. 97 ° 9 ' 19.20 " W LONG.

ANTENNA ID:	1	7.3 meters	ANDREW CORP.	ES73-1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.2 meters	DH	42DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.7 meters	PRODELIN	1374-990
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3 meters	DH	30DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	3 meters	PRODELIN	1304
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	6	1.8 meters	PRODELIN	1183
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	7	3.7 meters	PRODELIN	1375
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	8	4.5 meters	ANDREW	ESA45-4

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 9	3.7 meters DH	37DH1
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 10	6.1 meters RSI VERTEX	6.1KXC
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 11	5 meters DH	50DH1
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-RWL-20210222-00366	E E060173 WITF, Inc	
Renewal		05/18/2021 - 05/18/2036
Grant of Authority		Date Effective: 03/17/2021
Class of Station:	Fixed Earth Stations	
Nature of Service:	Domestic Fixed Satellite Service	
SITE ID:	1	
LOCATION:	4801 LINDLE ROAD (WITF-FM), DAUPHIN, HARRISBURG, PA	
	40 ° 14 ' 27.00 " N LAT.	76 ° 47 ' 57.00 " W LONG.
ANTENNA ID: 3.8 M.	3.8 meters COMTECH ANTENNA SYSTEMS	3.8 METER PF
3700.0000 - 4200.0000 MHz	10M3G7W	DIGITAL AUDIO CARRIER
3700.0000 - 4200.0000 MHz	30K0F1D	DIGITAL AUDIO CARRIER
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-RWL-20210224-00389	E E860191 WSET Licensee, LLC	
Renewal		03/28/2021 - 03/28/2036
Grant of Authority		Date Effective: 03/17/2021
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	2320 LANGHORNE ROAD, AMHERST, LYNCHBURG, VA	
	37 ° 24 ' 42.40 " N LAT.	79 ° 10 ' 9.30 " W LONG.
ANTENNA ID: 1	4.5 meters ANDREW CORPORATION	ESA45-4

3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F	COMPRESSED DIGITAL VIDEO
ANTENNA ID: 2	7.3 meters	ANDREW CORPORATION
3700.0000 - 4200.0000 MHz	36M0F3F	STANDARD ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7W	COMPRESSED DIGITAL VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210224-00392	E E860272	WCHS Licensee, LLC	
Renewal			03/28/2021 - 03/28/2036
Grant of Authority			Date Effective: 03/17/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 400 SCOTT DEPOT, PUTNAM, ST. ALBANS, WV
38 ° 24 ' 28.00 " N LAT. 81 ° 54 ' 13.00 " W LONG.

ANTENNA ID: 1	4.6 meters	SCIENTIFIC ATLANTA	8005PF
3700.0000 - 4200.0000 MHz	36M0G7W		
ANTENNA ID: 2	7 meters	SCIENTIFIC ATLANTA	8010
3700.0000 - 4200.0000 MHz	36M0G7W		

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210224-00393	E E860252	Pacific and Southern, LLC	
Renewal			03/28/2021 - 03/28/2036
Grant of Authority			Date Effective: 03/23/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 11450 GANDY BLVD, PINELLAS, ST. PETERSBURG, FL
27 ° 52 ' 14.00 " N LAT. 82 ° 36 ' 59.00 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW CORPORATION	MODEL ESA45-4
3700.0000 - 4200.0000 MHz	36M0G7W		NULL

ANTENNA ID:	2	7.3 meters	ANDREW CORPORATION	MODEL ESA73-46
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

ANTENNA ID:	3	5 meters	DAWNCO	D50FAE
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210301-00409	E	E060164	WNET	
Renewal				05/16/2021 - 05/16/2036
Grant of Authority				Date Effective: 03/23/2021

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 239 MONTAUK HIGHWAY (WLIU), SUFFOLK, SOUTH HAMPTON, NY
40 ° 53 ' 15.90 " N LAT. 72 ° 26 ' 33.30 " W LONG.

ANTENNA ID:	3.8 M.	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8 METER PF
	3700.0000 - 4200.0000 MHz		30K0F1D	DIGITAL AUDIO CARRIER
	3700.0000 - 4200.0000 MHz		10M3G7W	DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210303-00411	E	E860103	American Broadcasting Companies, Inc.	
Renewal				04/04/2021 - 04/04/2036
Grant of Authority				Date Effective: 03/17/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 30 WEST 67TH STREET, NEW YORK, NEW YORK, NY
40 ° 46 ' 24.00 " N LAT. 73 ° 58 ' 49.00 " W LONG.

ANTENNA ID:	1	9.1 meters	ANDREW	ESA91-46
	3700.0000 - 4200.0000 MHz		36M0F3F	ANALOG FM (VIDEO AND AUDIO, DIGITAL PHASE MODULATION (DTV)
ANTENNA ID:	2	9.1 meters	ANDREW	ESA91-46

3700.0000 - 4200.0000 MHz	36M0F3F	ANALOG FM (VIDEO AND AUDIO, DIGITAL PHASE MODULATION (DTV)		
Points of Communication:				
1 - PERMITTED LIST - ()				
SES-RWL-20210316-00515	E	E060125	RCN License Subsidiary, Inc.	
Renewal				05/22/2021 - 05/22/2036
Grant of Authority				Date Effective: 03/19/2021
Class of Station:	Fixed Earth Stations			
Nature of Service:	Domestic Fixed Satellite Service			
SITE ID:	1			
LOCATION:	STATE ROUTE #2 SOUTH, HANCOCK, CHESTER, WV 40 ° 34 ' 48.60 " N LAT. 80 ° 39 ' 45.20 " W LONG.			
ANTENNA ID:	TRUCK 13	4.1 meters	COMTECH ANTENNA SYSTEMS	5 METER OFFSAT
5925.0000 - 6425.0000 MHz	4M50G7W	69.88 dBW	DIGITAL TV AND AUDIO QPSK MODULATION	
Points of Communication:				
1 - PERMITTED LIST - ()				
SES-RWL-20210317-00524	E	E060126	RCN License Subsidiary, Inc.	
Renewal				05/22/2021 - 05/22/2036
Grant of Authority				Date Effective: 03/19/2021
Class of Station:	Fixed Earth Stations			
Nature of Service:	Domestic Fixed Satellite Service			
SITE ID:	1			
LOCATION:	EL CAMMANDANTE RIO PIEDRAS (TRUCK 14), CANOVANAS, PR 18 ° 22 ' 1.00 " N LAT. 65 ° 54 ' 29.00 " W LONG.			
ANTENNA ID:	TRUCK 14	4.1 meters	COMTECH	"OFFSAT" 18FT
5925.0000 - 6425.0000 MHz	4M50G7W	69.88 dBW	DIGITAL TV AND AUDIO QPSK MODULATION	
5925.0000 - 6365.0000 MHz	3M00G7W	65.20 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO	
5925.0000 - 6365.0000 MHz	9M00G7W	69.90 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO	

3700.0000 - 4200.0000 MHz	3M00G7W			DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO
3700.0000 - 4200.0000 MHz	9M00G7W			DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO
Points of Communication:				
1 - PERMITTED LIST - ()				
SES-RWL-20210317-00525	E E060127	RCN License Subsidiary, Inc.		
Renewal			05/22/2021 - 05/22/2036	
Grant of Authority			Date Effective:	03/19/2021
Class of Station:	Temporary Fixed Earth Station			
Nature of Service:	Domestic Fixed Satellite Service			
SITE ID:	1			
LOCATION:	(TRUCK 15), VARIOUS			
ANTENNA ID:	TRUCK 15	4.1 meters	COMTECH	OFFSAT
5925.0000 - 6425.0000 MHz	4M50G7W	69.88 dBW		DIGITAL TV AND AUDIO QPSK MODULATION
Points of Communication:				
1 - PERMITTED LIST - ()				
SES-RWL-20210318-00534	E E060141	Hearst Properties Inc.		
Renewal			05/30/2021 - 05/30/2036	
Grant of Authority			Date Effective:	03/19/2021
Class of Station:	Temporary Fixed Earth Station			
Nature of Service:	Fixed Satellite Service			
SITE ID:	1			
LOCATION:	(WMUR-TV), VARIOUS			
ANTENNA ID:	1	1.8 meters	AVL	1810K
14000.0000 - 14500.0000 MHz	3M50D7W	62.15 dBW		QAM and APSK; Digital Voice, Audio, and Data
14000.0000 - 14500.0000 MHz	36M0D7W	62.15 dBW		QAM and APSK; Digital Voice, Audio, and Data
11700.0000 - 12200.0000 MHz	3M50D7W			QAM and APSK; Digital Voice, Audio, and Data
11700.0000 - 12200.0000 MHz	36M0D7W			QAM and APSK; Digital Voice, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210318-00536 E E060075 L3HARRIS TECHNOLOGIES, INC.

Renewal

04/24/2021 - 04/24/2036

Grant of Authority

Date Effective: 03/19/2021

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: T2-KU 2.4 meters PRODELIN CORP. 1244

14000.0000 - 14500.0000 MHz 12M0G7W 70.00 dBW Digital Voice and Data

14000.0000 - 14500.0000 MHz 87K0G7W 48.60 dBW Digital Voice and Data

11700.0000 - 12200.0000 MHz 12M0G7W Digital Voice and Data

11700.0000 - 12200.0000 MHz 87K0G7W Digital Voice and Data

ANTENNA ID: T1-CB 2.4 meters PRODELIN CORP. 1244

5925.0000 - 6425.0000 MHz 2M00G7D 57.00 dBW Digital Voice and Data

5925.0000 - 6425.0000 MHz 134KG7D 45.30 dBW Digital Voice and Data

3700.0000 - 4200.0000 MHz 2M00G7D Digital Voice and Data

3700.0000 - 4200.0000 MHz 134KG7D Digital Voice and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20210318-00537 E E060071 L3HARRIS TECHNOLOGIES, INC.

Renewal

04/18/2021 - 04/18/2036

Grant of Authority

Date Effective: 03/19/2021

Class of Station: VSAT Network

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

SITE ID: REMOTE 2

LOCATION: Various Locations 3.8M. VSAT (10 UNITS), CONUS, AK HI

ANTENNA ID: Remote2 3.8 meters Prodelin Corp. 1388

14000.0000 - 14500.0000 MHz 12M0G7W 68.40 dBW Digital Voice and Data

14000.0000 - 14500.0000 MHz	87K0G7W	51.80 dBW	Digital Voice and Data
11700.0000 - 12200.0000 MHz	12M0G7W		Digital Voice and Data
11700.0000 - 12200.0000 MHz	87K0G7W		Digital Voice and Data
SITE ID: REMOTE 1			
LOCATION: Various Locations 2.4M. VSAT (50 UNITS), CONUS, AK HI			
ANTENNA ID: Remote1	2.4 meters	Prodelin Corp.	2244
14000.0000 - 14500.0000 MHz	12M0G7W	63.20 dBW	Digital Voice and Data
14000.0000 - 14500.0000 MHz	87K0G7W	48.60 dBW	Digital Voice and Data
11700.0000 - 12200.0000 MHz	12M0G7W		Digital Voice and Data
11700.0000 - 12200.0000 MHz	87K0G7W		Digital Voice and Data
SITE ID: HUB 2			
LOCATION: 6950 BRADLEY ROAD (BACKUP HUB E930436), VENTURA, SOMIS, CA			
34 ° 19 ' 30.20 " N LAT.		118 ° 59 ' 44.90 " W LONG.	
ANTENNA ID: Hub2	9 meters	Vertex Corp.	90 FMK
SITE ID: HUB 1			
LOCATION: 2823 GRIMVILLE ROAD (PRIMARY HUB E920698), CARROLL, WOODBINE, MD			
39 ° 22 ' 33.00 " N LAT.		77 ° 4 ' 54.00 " W LONG.	
ANTENNA ID: HUB1	9.2 meters	STI	9200K
Points of Communication:			
HUB 1 - PERMITTED LIST - ()			
HUB 2 - PERMITTED LIST - ()			
REMOTE 1 - PERMITTED LIST - ()			
REMOTE 2 - PERMITTED LIST - ()			
SES-STA-20201214-01375 E E202177 Idaho Power Company			
Special Temporary Authority			
Grant of Authority			Date Effective: 03/19/2021
Class of Station:			
On March 19, 2021, Idaho Power Co was granted special temporary authority for 60 days, beginning March 19, 2021, to test and operate a Ku-band VSAT network pending action on IBFS File Number SES-LIC-20201021-01154, to meet critical testing and operational timelines. Operations are limited to sites in Idaho, Montana, Nevada, Oregon, and Wyoming operating in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands .			
Points of Communication:			

SES-STA-20210305-00440 E E140114 ISAT US Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 03/19/2021

Class of Station:

On March 19, 2021, ISAT US, Inc. was granted special temporary authority for 30 days, beginning March 19, 2021, to operate one ThinKom Ka2517 antenna at 2060 Eagle Parkway, Fort Worth, Texas 76177, with the Inmarsat 5F2 satellite at 55° W.L and Inmarsat 5F3 satellite at 179.6° W.L. in the 19.7-20.2 GHz (space-to-Earth) and 29.5-30.0 GHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20210308-00450 E Intelsat License LLC, as debtor-in-possession

Special Temporary Authority

Grant of Authority

Date Effective: 03/22/2021

Class of Station:

On March 22, 2021, Intelsat License LLC, as debtor-in-possession (Intelsat), was granted special temporary authority for 30 days, beginning March 22, 2021, to use two 0.25m Ku-band antennas mounted on terrestrial vehicles (stationary and in motion) within a 10-mile radius of McLean, Virginia and Fruithurst, Alabama to communicate with Galaxy 17 (S2715) to perform antenna testing in the following bands: 14000-14500 MHz (Earth-to-space) and 11700-12200 MHz (space-to-Earth).

Points of Communication:

SURRENDER

SES-LIC-20070618-00825 E070106 Satellite Communication Systems Inc.

License surrendered by letter filed on March 16, 2021.

SES-LIC-20070620-00838 E070105 Satellite Communication Systems Inc.

License surrendered by letter filed on March 16, 2021.

SES-REG-20180619-01565 E180926 DREAM CENTER, INC.

Registration was surrendered by letter filed on March 19, 2021.

SES-REG-20180904-04182 E190499 Pittsford Educational Broadcasting Foundation

Registration was surrendered by letter filed on March 22, 2022.

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