



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01979

Wednesday August 2, 2017

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-20170310-00256	E	E170081	Intelsat License LLC	
Application for Authority				07/20/2017 - 07/20/2032
Grant of Authority				Date Effective: 07/20/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: K79

LOCATION: 17625 Technology Blvd, Washington, Hagerstown, MD

39 ° 35 ' 53.80 " N LAT.

77 ° 45 ' 20.80 " W LONG.

ANTENNA ID:	K79	13.1 meters	GD Satcom Technologies	13.1KPK
	14498.0000 - 14498.0000 MHz	1M00G7D	73.50 dBW	TT&C
	11443.0000 - 11443.0000 MHz	500KG7D	0.00 dBW	TT&C
	11443.5000 - 11443.5000 MHz	500KG7D	0.00 dBW	TT&C
	11446.5000 - 11446.5000 MHz	500KG7D	0.00 dBW	TT&C
	11447.0000 - 11447.0000 MHz	500KG7W	0.00 dBW	TT&C
	12750.0000 - 13250.0000 MHz	36M0G7W	82.30 dBW	Digital Data
	12750.0000 - 13250.0000 MHz	62M5G7W	82.30 dBW	Digital Data
	13750.0000 - 14000.0000 MHz	1M00G7W	63.00 dBW	Digital Data
	13750.0000 - 14000.0000 MHz	36M0G7W	78.50 dBW	Digital Data
	13750.0000 - 14000.0000 MHz	62M5G7W	80.90 dBW	Digital Data

14000.0000 - 14500.0000 MHz	1M00G7W	73.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	82.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	62M5G7W	82.30 dBW	Digital Data
11450.0000 - 11700.0000 MHz	1M00G7W	0.00 dBW	Digital Data
11450.0000 - 11700.0000 MHz	36M0G7W	0.00 dBW	Digital Data
11450.0000 - 11700.0000 MHz	62M5G7W	0.00 dBW	Digital Data
11700.0000 - 12200.0000 MHz	1M00G7W	0.00 dBW	Digital Data
11700.0000 - 12200.0000 MHz	36M0G7W	0.00 dBW	Digital Data
11700.0000 - 12200.0000 MHz	62M5G7W	0.00 dBW	Digital Data
12750.0000 - 13250.0000 MHz	1M00G7W	73.00 dBW	Digital Data
13249.5000 - 13249.5000 MHz	1M00G7D	86.50 dBW	TT&C

Points of Communication:

K79 - PERMITTED LIST - ()

K79 - SKY-B1(S2922) - (43.15 W.L.)

SES-MFS-20170312-00255 E E100089 Panasonic Avionics Corporation

Modification

08/31/2011 - 08/31/2026

Grant of Authority

Date Effective: 07/26/2017

Class of Station: Other

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service

SITE ID: MELCO Remotes

LOCATION: US&P, International waters

ANTENNA ID: MELCO 0.68 meters Mitsubishi Electronics 726-20176-101

14000.0000 - 14400.0000 MHz	9M00G7D	42.15 dBW	BPSK, QPSK DIGITAL DATA
14000.0000 - 14400.0000 MHz	500KG7D	32.70 dBW	BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz	1M20G7D		BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz	27M0G7D		BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz	54M0G7D		BPSK, QPSK DIGITAL DATA
11450.0000 - 12200.0000 MHz	1M20G7D		BPSK, QPSK DIGITAL DATA

11450.0000 - 12200.0000 MHz	27M0G7D	BPSK, QPSK DIGITAL DATA
11450.0000 - 12200.0000 MHz	54M0G7D	BPSK, QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M20G7D	BPSK, QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	54M0G7D	BPSK, QPSK DIGITAL DATA

SITE ID: PPA Remotes
LOCATION: US&P, International waters

ANTENNA ID:	PPA	0.89 meters	PANASONIC	AURA LE
14000.0000 - 14500.0000 MHz		500KG7D	44.50 dBW	BPSK, SPREAD SPECTRUM
14000.0000 - 14500.0000 MHz		9M00G7D	48.00 dBW	BPSK, SPREAD SPECTRUM
11450.0000 - 12750.0000 MHz		72M0G7D		PSK
11450.0000 - 12750.0000 MHz		36M0G7D		PSK
14000.0000 - 14500.0000 MHz		9M00G7D	48.00 dBW	BPSK, SPREAD SPECTRUM
10700.0000 - 12750.0000 MHz		1M20G7D		PSK
10700.0000 - 12750.0000 MHz		36M0G7D		PSK
10700.0000 - 12750.0000 MHz		54M0G7D		PSK
12500.0000 - 12750.0000 MHz		54M0G7D		PSK
12500.0000 - 12750.0000 MHz		1M20G7D		PSK
12250.0000 - 12750.0000 MHz		54M0G7D		PSK
12250.0000 - 12750.0000 MHz		1M20G7D		PSK
11700.0000 - 12200.0000 MHz		54M0G7D		PSK
11700.0000 - 12200.0000 MHz		1M20G7D		PSK
11450.0000 - 12750.0000 MHz		27M0G7D		PSK
11450.0000 - 12750.0000 MHz		1M20G7D		PSK
10950.0000 - 11700.0000 MHz		54M0G7D		PSK
10950.0000 - 11700.0000 MHz		1M20G7D		PSK
10950.0000 - 11200.0000 MHz		27M0G7D		PSK

11700.0000 - 12200.0000 MHz	36M0G7D	PSK
10950.0000 - 12500.0000 MHz	54M0G7D	PSK
10950.0000 - 12500.0000 MHz	36M0G7D	PSK
10950.0000 - 12500.0000 MHz	1M20G7D	PSK
10950.0000 - 12200.0000 MHz	54M0G7D	PSK
10950.0000 - 12200.0000 MHz	1M20G7D	PSK
10950.0000 - 11200.0000 MHz	48M6G7D	PSK
10950.0000 - 11200.0000 MHz	54M0G7D	PSK
11450.0000 - 12200.0000 MHz	1M20G7D	PSK
11450.0000 - 12200.0000 MHz	48M6G7D	PSK
11450.0000 - 12200.0000 MHz	54M0G7D	PSK
12500.0000 - 12600.0000 MHz	1M20G7D	PSK
12500.0000 - 12600.0000 MHz	48M6G7D	PSK
12500.0000 - 12600.0000 MHz	54M0G7D	PSK
10950.0000 - 11200.0000 MHz	1M20G7D	PSK

SITE ID: SPA Remotes
LOCATION: US&P, International waters

ANTENNA ID:	SPA	0.949 meters	PANASONIC	SPA
14000.0000 - 14500.0000 MHz	500KG7D	45.00 dBW	QPSK, 8PSK, 16APSK	
14000.0000 - 14500.0000 MHz	9M00G7D	45.00 dBW	QPSK, 8PSK, 16APSK	
10700.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK		
10700.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK		
10950.0000 - 11200.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK		
10950.0000 - 11700.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK		
10950.0000 - 11700.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK		
10950.0000 - 12500.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK		

10950.0000 - 12500.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	27M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK

12500.0000 - 12750.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
SITE ID:	TECOM Remotes		
LOCATION:	US&P, International waters		
ANTENNA ID:	TECOM	0.62 meters	TECOM
			KU-STREAM 1000
14000.0000 - 14500.0000 MHz	9M00G7D	43.80 dBW	BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
10950.0000 - 12200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
10950.0000 - 12200.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, 8PSK, 16APSK
14000.0000 - 14500.0000 MHz	500KG7D	43.80 dBW	BPSK, QPSK DIGITAL DATA

Points of Communication:

MELCO Remotes - ESTRELA DO SUL 2 - (63 W.L.)

MELCO Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

PPA Remotes - ANIK G1 - (107.3 W.L.)

PPA Remotes - APSTAR 6 - (226 W.L.)

PPA Remotes - Apstar 7 - (76.5 E.L.)

PPA Remotes - AsiaSat 5 - (100.5E)

PPA Remotes - AsiaSat 7 - (105.5 E.L.)

PPA Remotes - E117 WA (S2873) - (116.8 W.L.)

PPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

PPA Remotes - Eutelsat 10A (W2A) - (10.0 E.L.)

PPA Remotes - EUTELSAT 172A(S2610) - (172 E. L.)

PPA Remotes - Eutelsat 70B - (70.5 E.L.)

PPA Remotes - EUTELSAT115WB(S2938) - (114.9 W.L.)

PPA Remotes - GALAXY 16 (S2687) - (99 W.L.)

PPA Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

PPA Remotes - INTELSAT 15 (S2789) - (85.15 E.L.)

PPA Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

PPA Remotes - INTELSAT 33e (S2939) - (60.0 E.L.)

PPA Remotes - JCSAT 5A - (132 E.L.)

PPA Remotes - JCSAT-2B - (154 E.L.)

PPA Remotes - NSS-6 - (95 E.L.)

PPA Remotes - PERMITTED LIST - ()

PPA Remotes - Superbird C2 - (144 E.L.)

PPA Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

PPA Remotes - TELSTAR 12 V (S2933) - (15 W.L.)

PPA Remotes - Yamal 300K - (177 W.L.)

PPA Remotes - Yamal 401 - (90 E.L.)

SPA Remotes - ANIK G1 - (107.3 W.L.)

SPA Remotes - APSTAR 6 - (226 W.L.)

SPA Remotes - Apstar 7 - (76.5 E.L.)

SPA Remotes - AsiaSat 5 - (100.5E)

SPA Remotes - AsiaSat 7 - (105.5 E.L.)

SPA Remotes - E117 WA (S2873) - (116.8 W.L.)

SPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

SPA Remotes - Eutelsat 10A (W2A) - (10.0 E.L.)

SPA Remotes - EUTELSAT 172A(S2610) - (172 E. L.)

SPA Remotes - Eutelsat 70B - (70.5 E.L.)

SPA Remotes - EUTELSAT115WB(S2938) - (114.9 W.L.)

SPA Remotes - GALAXY 16 (S2687) - (99 W.L.)

SPA Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

SPA Remotes - INTELSAT 15 (S2789) - (85.15 E.L.)

SPA Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

SPA Remotes - INTELSAT 33e (S2939) - (60.0 E.L.)

SPA Remotes - JCSAT 5A - (132 E.L.)

SPA Remotes - JCSAT-2B - (154 E.L.)

SPA Remotes - NSS-6 - (95 E.L.)

SPA Remotes - PERMITTED LIST - ()

SPA Remotes - SUPERBIRD C2 (S2639) - (144 E.L.)

SPA Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

SPA Remotes - TELSTAR 12 V (S2933) - (15 W.L.)

SPA Remotes - Yamal 300K - (177 W.L.)

SPA Remotes - Yamal 401 - (90 E.L.)

TECOM Remotes - ANIK G1 - (107.3 W.L.)

TECOM Remotes - GALAXY 16 (S2687) - (99 W.L.)

TECOM Remotes - GE-23 - (188 W.L.)

TECOM Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

TECOM Remotes - PERMITTED LIST - ()

TECOM Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

TECOM Remotes - Yamal 300K - (177 W.L.)

SES-MOD-20170607-00622 E E160068 HNS License Sub, LLC

Application for Modification

07/13/2016 - 07/13/2031

Grant of Authority

Date Effective: 07/31/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 725 6th Street, NW, Bernalillo, Albuquerque, NM
 35 ° 5 ' 33.10 " N LAT.

106 ° 39 ' 11.90 " W LONG.

ANTENNA ID: 1

8.1 meters

ASC

8.1 meter

29250.0000 - 30000.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
27850.0000 - 28600.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute

Points of Communication:

1 - TELSTAR 19V - (63 W.L.)

SES-MOD-20170607-00623 E E160069 HNS License Sub, LLC

Application for Modification

07/13/2017 - 07/13/2031

Grant of Authority

Date Effective: 07/31/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1003 East State Farm Road, Lincoln, North Platte, NE
41 ° 5 ' 24.20 " N LAT.

100 ° 45 ' 10.60 " W LONG.

ANTENNA ID: 1 8.1 meters ASC 8.1 meter

29250.0000 - 30000.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
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27850.0000 - 28600.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute

Points of Communication:

1 - TELSTAR 19V - (63 W.L.)

SES-MOD-20170607-00626 E E160066 HNS License Sub, LLC

Application for Modification

07/13/2016 - 07/13/2031

Grant of Authority

Date Effective: 07/31/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 22401 Juniper Flats Rd, Riverside, Nuevo, CA

33 ° 47 ' 43.50 " N LAT.

117 ° 5 ' 26.10 " W LONG.

ANTENNA ID: 1 8.1 meters ASC 8.1 meter

29250.0000 - 30000.0000 MHz 250MD7W 80.50 dBW DVB-S32 Outroute

27850.0000 - 28600.0000 MHz 250MD7W 80.50 dBW DVB-S32 Outroute

19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute

Points of Communication:

1 - TELSTAR 19V - (63 W.L.)

SES-MOD-20170607-00627 E E160065 HNS License Sub, LLC
 Application for Modification
 Grant of Authority

07/13/2016 - 07/13/2031
 Date Effective: 07/31/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 9815 W Hallett Road, Spokane, Spokane, WA
 47 ° 35 ' 31.50 " N LAT.

117 ° 33 ' 1.40 " W LONG.

ANTENNA ID: 1 5.6 meters ASC 5.6 meter

29250.0000 - 30000.0000 MHz	250MD7W	77.80 dBW	DVB-S32 Outroute
27850.0000 - 28600.0000 MHz	250MD7W	77.80 dBW	DVB-S32 Outroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute

Points of Communication:

1 - TELSTAR 19V - (63 W.L.)

SES-MOD-20170607-00628 E E160067 HNS License Sub, LLC
 Application for Modification 07/13/2016 - 07/13/2031
 Grant of Authority Date Effective: 07/31/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6737 W Steger Rd, Will, Monee, IL
 41 ° 28 ' 1.70 " N LAT.

87 ° 46 ' 34.00 " W LONG.

ANTENNA ID: 1 8.1 meters ASC 8.1 meter

29250.0000 - 30000.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
27850.0000 - 28600.0000 MHz	250MD7W	80.50 dBW	DVB-S32 Outroute
19700.0000 - 20200.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute

19700.0000 - 20200.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	15M4G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	10M2G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	7M68G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	1M28G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	5M12G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	2M56G7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 18800.0000 MHz	640KG7W	0.00 dBW	M-ary PSK Inroute

Points of Communication:

1 - TELSTAR 19V - (63 W.L.)

SES-RWL-20170711-00747 E KR84 Bresnan Communications, LLC

Renewal

07/30/2017 - 07/30/2032

Grant of Authority

Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 2432 SHERIDAN AVENUE, PARK, CODY, WY

44 ° 31 ' 33.00 " N LAT.

109 ° 2 ' 30.00 " W LONG.

ANTENNA ID: 1

5 meters

HUGHES

SRA-501-5-C

3700.0000 - 4200.0000 MHz

25M0F8W

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170711-00748 E KR83 Bresnan Communications, LLC

Renewal

07/30/2017 - 07/30/2032

Grant of Authority

Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: PARK, POWELL, WY
44 ° 45 ' 29.00 " N LAT. 108 ° 44 ' 49.00 " W LONG.

ANTENNA ID: 1 5 meters HUGHES SRA-501-5-C
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170717-00759 E E4494 Nexstar Broadcasting, Inc.
Renewal 08/06/2017 - 08/06/2032
Grant of Authority Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: MONTGOMERY, DAYTON, OH
39 ° 41 ' 24.00 " N LAT. 84 ° 13 ' 5.00 " W LONG.

ANTENNA ID: 1 5 meters COMTECH 807-6-5M
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170724-00799 E E020161 Living Faith Ministries Inc
Renewal 09/30/2017 - 09/30/2032
Grant of Authority Date Effective: 07/27/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 8594 Hidden Valley Road, Washington, Abingdon, VA
36 ° 48 ' 52.00 " N LAT. 82 ° 6 ' 15.00 " W LONG.

ANTENNA ID: 1 3.8 meters Prodelin 1383
6360.0000 - 6425.0000 MHz 4M00G7F 64.50 dBW Compressed Digital Video - 3/4 FEC - QPSK
6212.0000 - 6330.0000 MHz 4M00G7F 64.50 dBW Compressed Digital Video - 3/4 FEC - QPSK

5925.0000 - 6182.0000 MHz	4M00G7F	64.50 dBW	Compressed Digital Video - 3/4 FEC - QPSK
3700.0000 - 4200.0000 MHz	4M00G7F		Compressed Digital Video - 3/4 FEC - QPSK

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170726-00814	E E020104	GCI Communication Corp.	
Renewal			07/08/2017 - 07/08/2032
Grant of Authority			Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

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

SITE ID: Nikolski
 LOCATION: 6831 Arctic Blvd, Anchorage, AK
 52 ° 56 ' 20.30 " N LAT. 168 ° 51 ' 38.40 " W LONG.

ANTENNA ID: 3.6 3.6 meters Scientific-Atlanta 8136

5925.0000 - 6425.0000 MHz	36M0D7W	62.60 dBW	QAM modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	60K0D7W	52.60 dBW	QAM modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	36M0G7W	62.60 dBW	PSK modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	45K0G7W	51.60 dBW	PSK modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz	36M0D7W		QAM modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz	60K0D7W		QAM modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz	36M0G7W		PSK modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz	45K0G7W		PSK modulation for telephony, facsimile and data

Points of Communication:

Nikolski - ANIK E1 - (118.7 W.L.)

Nikolski - PERMITTED LIST - ()

SES-RWL-20170726-00815 E E020107 GCI Communication Corp.

Renewal

07/08/2017 - 07/08/2032

Grant of Authority

Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

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

SITE ID: Atka

LOCATION: No Street Address Available, Atka, AK

52 ° 12 ' 4.30 " N LAT.

174 ° 11 ' 50.20 " W LONG.

ANTENNA ID:	3.6	3.6 meters	Scientific-Atlanta	8136
5925.0000 - 6425.0000 MHz		36M0D7W	62.60 dBW	QAM modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz		60K0D7W	52.60 dBW	QAM modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz		36M0G7W	62.60 dBW	PSK modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz		45K0G7W	51.60 dBW	PSK modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz		36M0D7W		QAM modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz		60K0D7W		QAM modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz		36M0G7W		PSK modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz		45K0G7W		PSK modulation for telephony, facsimile and data

Points of Communication:

Atka - ANIK E1 - (118.7 W.L.)

Atka - PERMITTED LIST - ()

SES-RWL-20170726-00816 E E020133 GCI Communication Corp.

Renewal

07/08/2017 - 07/08/2032

Grant of Authority

Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

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

SITE ID: St. Paul

LOCATION: No Street Address Available, Anchorage, AK

57 ° 7 ' 14.40 " N LAT.

170 ° 17 ' 1.60 " W LONG.

ANTENNA ID:	3.6	3.6 meters	Scientific-Atlanta	8136	
	5925.0000 - 6425.0000 MHz		36M0D7W	62.60 dBW	QAM modulation for telephony, facsimile and data
	5925.0000 - 6425.0000 MHz		60K0D7W	54.70 dBW	QAM modulation for telephony, facsimile and data
	5925.0000 - 6425.0000 MHz		36M0G7W	62.60 dBW	PSK modulation for telephony, facsimile and data
	5925.0000 - 6425.0000 MHz		45K0G7W	53.40 dBW	PSK modulation for telephony, facsimile and data
	3700.0000 - 4200.0000 MHz		36M0D7W		QAM modulation for telephony, facsimile and data
	3700.0000 - 4200.0000 MHz		60K0D7W		QAM modulation for telephony, facsimile and data
	3700.0000 - 4200.0000 MHz		36M0G7W		PSK modulation for telephony, facsimile and data
	3700.0000 - 4200.0000 MHz		45K0G7W		PSK modulation for telephony, facsimile and data

Points of Communication:

St. Paul - ANIK E1 - (118.7 W.L.)

St. Paul - PERMITTED LIST - ()

SES-RWL-20170726-00817 E E020176 GCI Communication Corp.
 Renewal 08/26/2017 - 08/26/2032
 Grant of Authority Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

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

SITE ID: Unalakleet
 LOCATION: USA, Unalakleet, AK
 63 ° 52 ' 37.20 " N LAT. 160 ° 47 ' 20.20 " W LONG.

ANTENNA ID:	6.1	6.1 meters	ViaSat	8060	
	5925.0000 - 6425.0000 MHz		36M0G7D	72.80 dBW	Phase modulated voices, video, and data services
	5925.0000 - 6425.0000 MHz		6K72G7D-	72.80 dBW	Phase modulated voices, video, and data services
	5925.0000 - 6425.0000 MHz		36M0D7D	72.80 dBW	Phase and amplitude modulated voice, video, and data services

5925.0000 - 6425.0000 MHz	6K72D7D-	72.80 dBW	Phase and amplitude modulated voice, video, and data services
3700.0000 - 4200.0000 MHz	36M0D7D		Phase and amplitude modulated voice, video, and data services
3700.0000 - 4200.0000 MHz	36M0G7D		Phase modulated voices, video, and data services
3700.0000 - 4200.0000 MHz	6K72D7D-		Phase and amplitude modulated voice, video, and data services
3700.0000 - 4200.0000 MHz	6K72G7D-		Phase modulated voices, video, and data services

Points of Communication:

Unalakleet - ANIK E1 - (118.7 W.L.)

Unalakleet - PERMITTED LIST - ()

SES-RWL-20170726-00818 E E020221 GCI Communication Corp.
Renewal 10/09/2017 - 10/09/2032
Grant of Authority Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

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

SITE ID: Stevens Village
LOCATION: No Street Address Available, Stevens Village, AK
66 ° 0 ' 29.20 " N LAT. 149 ° 5 ' 41.00 " W LONG.

ANTENNA ID: 1	3.6 meters	Scientific - Atlanta	8136
5925.0000 - 6425.0000 MHz	45K0G7W	53.40 dBW	PSK modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	36M0G7W	62.60 dBW	PSK modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	60K0G7W	54.70 dBW	QAM modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	36M0G7W	62.60 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	60K0G7W		QAM modulation for telephony, facsimile and data

3700.0000 - 4200.0000 MHz

36M0G7W

QAM modulation for telephony,
facsimile and data

Points of Communication:

Stevens Village - ANIK E2 - (111.1 W.L)

Stevens Village - PERMITTED LIST - ()

SES-RWL-20170726-00819 E E020222 GCI Communication Corp.

Renewal

10/09/2017 - 10/09/2032

Grant of Authority

Date Effective: 07/28/2017

Class of Station: Fixed Earth Stations

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

SITE ID: Rampart

LOCATION: No Street Address Available, Rampart, AK

65 ° 30 ' 32.70 " N LAT.

150 ° 9 ' 34.70 " W LONG.

ANTENNA ID: 1 3.6 meters Scientific - Atlanta 8136

5925.0000 - 6425.0000 MHz

45K0G7W

53.40 dBW

PSK modulation for telephony, facsimile
and data

5925.0000 - 6425.0000 MHz

36M0G7W

62.60 dBW

PSK modulation for telephony, facsimile
and data

5925.0000 - 6425.0000 MHz

60K0G7W

54.70 dBW

QAM modulation for telephony,
facsimile and data

5925.0000 - 6425.0000 MHz

36M0G7W

62.60 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

60K0G7W

QAM modulation for telephony,
facsimile and data

3700.0000 - 4200.0000 MHz

36M0G7W

QAM modulation for telephony,
facsimile and data

Points of Communication:

Rampart - ANIK E2 - (111.1 W.L)

Rampart - PERMITTED LIST - ()

SITE ID: 1
LOCATION: CHARCOAL ISLAND, SITKA, AK
57 ° 2 ' 49.00 " N LAT. 135 ° 21 ' 11.40 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA45T-T
5925.0000 - 6425.0000 MHz 1M77G7W 56.20 dBW QPSK, VOICE/DATA, FEC 7/8
3700.0000 - 4200.0000 MHz 1M77G7W 0.00 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20170719-00777 E E170081 Intelsat License LLC
Special Temporary Authority
Withdrawn Date Effective: 07/31/2017

Class of Station:

Points of Communication:

SES-STA-20170719-00778 E E030306 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/26/2017

Class of Station:

On July 26, 2017, Intelsat License, LLC, was granted special temporary authority for 60 days, beginning August 10, 2017, to operate its fixed earth station in Ellenwood, GA to provide telemetry, tracking and command (TT&C) services to Intelsat 35e (S2959) at the 34.5° W.L. orbital location on the following center frequencies: 5853.00 MHz and 6424.50 MHz (Earth-to-space), and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170719-00779 E E030071 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/26/2017

Class of Station:

On July 26, 2017, Intelsat License, LLC, was granted special temporary authority for 60 days, beginning August 10, 2017, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking and command (TT&C) services to Intelsat 35e (S2959) at the 34.5° W.L. orbital location, on the following center frequencies: 5853.00 MHz and 6424.50 MHz (Earth-to-space), and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170719-00780 E E000296 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/26/2017

Class of Station:

On July 26, 2017, Intelsat License, LLC, was granted a special temporary authority for 60 days, beginning, August 10, 2017, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking and command (TT&C) services to Intelsat 35e (S2959) at the 34.5° W.L. orbital location on the following center frequencies: 5853.00 MHz and 6424.50 MHz (Earth-to-space), and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170719-00783 E KA275 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 07/26/2017

Class of Station:

On July 26, 2017, Intelsat License, LLC, was granted special temporary authority for 60 days, beginning, August 10, 2017, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking and command (TT&C) services to Intelsat 35e (S2959) at the 34.5° W.L. orbital location, on the following center frequencies: 5853.00 MHz and 6424.50 MHz (Earth-to-space), and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170721-00792 E E060445 HNS License Sub, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 07/31/2017

Class of Station:

On July 31, 2017, HNS License Sub, LLC was granted special temporary authority for 60 days, beginning, July 31, 2017, to operate up to 100,000 terminals with the following satellites: AMC-15 at 105° W.L., AMC-16 at 85° W.L., EchoStar-9 (S2179) at 121° W.L., EchoStar XVII at 107.1° W.L., and JUPITER 2 (a.k.a. EchoStar XIX, or JUPITER 97W) at 97.1° W.L. in the 28.350-28.600 GHz (Earth-to-space) and 19.7-20.2 GHz and 18.3-19.3 GHz (space-to-Earth) frequency bands. See pending IBFS File number SES-MOD-20170726-00811 for additional information.

Points of Communication:

SES-STA-20170725-00794 E E170137 SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 07/27/2017

Class of Station:

On July 27, 2017, SES Americom, Inc. was granted special temporary authority for 60 days, beginning July 31, 2017, to operate a 7.6-meter fixed earth station antenna in Mt. Airy, MD to communicate with the AMC-4 (Call Sign S2135) satellite at the 134.9° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170726-00797 E E170133 Emmis Radio License, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 07/27/2017

Class of Station:

On July 27, 2017, Emmis Radio License, LLC was granted special temporary authority for 60 days beginning August 1, 2017, to operate a 3.8-meter antenna in Indianapolis, IN to communicate with the AMC-18 satellite at the 104.95° W.L. orbital location in the 5925-6241.54 MHz and 6271.54-6425 MHz (Earth-to-space), and 3700-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170727-00823 E Lockheed Martin Corporation

Special Temporary Authority

Grant of Authority

Date Effective: 07/28/2017

Class of Station:

On July 28, 2017, Lockheed Martin Corporation was granted special temporary authority for 30 days, beginning July 28, 2017, to operate its Carpentersville, NJ fixed earth station to provide command functions to the EchoStar 3 (S2741) satellite on center frequency 17301.5 MHz (space-to-Earth).

Points of Communication:

SURRENDER

SES-RWL-20020627-01017 KA329 AT&T Corp.

License surrendered by letter filed on July 28, 2017.

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