



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-02034

Wednesday February 14, 2018

## 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.

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SES-AMD-20180126-00080    E E100089    Panasonic Avionics Corporation  
Amendment  
Withdrawn    Date Effective:    02/08/2018

**Class of Station:**    Other

**Nature of Service:**    Other

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
	11700.0000 - 12200.0000 MHz	1M20G7D		BPSK, QPSK DIGITAL DATA
	11700.0000 - 12200.0000 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
	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

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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
	14000.0000 - 14500.0000 MHz	9M00G7D	48.00 dBW	BPSK, SPREAD SPECTRUM
	12500.0000 - 12750.0000 MHz	54M0G7D		PSK
	12500.0000 - 12750.0000 MHz	1M20G7D		PSK
	12500.0000 - 12600.0000 MHz	1M20G7D		PSK
	12500.0000 - 12600.0000 MHz	48M6G7D		PSK
	12500.0000 - 12600.0000 MHz	54M0G7D		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
	11700.0000 - 12200.0000 MHz	36M0G7D		PSK
	11450.0000 - 12750.0000 MHz	72M0G7D		PSK
	11450.0000 - 12750.0000 MHz	36M0G7D		PSK
	11450.0000 - 12750.0000 MHz	27M0G7D		PSK
	11450.0000 - 12750.0000 MHz	1M20G7D		PSK
	11450.0000 - 12200.0000 MHz	1M20G7D		PSK
	11450.0000 - 12200.0000 MHz	48M6G7D		PSK
	11450.0000 - 12200.0000 MHz	54M0G7D		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 - 11700.0000 MHz	54M0G7D	PSK
10950.0000 - 11700.0000 MHz	1M20G7D	PSK
10950.0000 - 11200.0000 MHz	27M0G7D	PSK
10950.0000 - 11200.0000 MHz	48M6G7D	PSK
10950.0000 - 11200.0000 MHz	54M0G7D	PSK
10950.0000 - 11200.0000 MHz	1M20G7D	PSK
10700.0000 - 12750.0000 MHz	1M20G7D	PSK
10700.0000 - 12750.0000 MHz	36M0G7D	PSK
10700.0000 - 12750.0000 MHz	54M0G7D	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
12500.0000 - 12750.0000 MHz	36M0G7D			QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	54M0G7D			QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	1M20G7D			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
12250.0000 - 12750.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	54M0G7D			QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	36M0G7D			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
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
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 - 12200.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 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
10950.0000 - 11700.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
10700.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10700.0000 - 12750.0000 MHz	36M0G7D	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
	14000.0000 - 14500.0000 MHz	500KG7D	43.80 dBW	BPSK, QPSK DIGITAL DATA
	11700.0000 - 12200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK

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11700.0000 - 12200.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 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
10950.0000 - 12200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10950.0000 - 12200.0000 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 - 11200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK

**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.)

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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-ASG-20180130-00070** E WQ59 Comcast of Indiana/Kentucky/Utah, LLC  
 Application for Consent to Assignment  
 Consummated Date Effective: 01/30/2018

**Current Licensee:** Comcast of Indiana/Kentucky/Utah  
**FROM:** COMCAST OF INDIANA/KENTUCKY/UTAH  
**TO:** Comcast of Indiana/Kentucky/Utah, LLC

No. of Station(s) listed: 1

**SES-ASG-20180130-00071** E E5525 Comcast of Indiana/Kentucky/Utah, LLC  
 Application for Consent to Assignment  
 Consummated Date Effective: 01/30/2018

**Current Licensee:** Comcast of Indiana/Kentucky/Utah  
**FROM:** COMCAST OF INDIANA/KENTUCKY/UTAH  
**TO:** Comcast of Indiana/Kentucky/Utah, LLC

No. of Station(s) listed: 1

**SES-ASG-20180130-00072** E E6291 Comcast of Indiana/Kentucky/Utah, LLC  
 Application for Consent to Assignment  
 Consummated Date Effective: 01/30/2018

**Current Licensee:** Comcast of Indiana/Kentucky/Utah  
**FROM:** COMCAST OF INDIANA/KENTUCKY/UTAH  
**TO:** Comcast of Indiana/Kentucky/Utah, LLC

No. of Station(s) listed: 3

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**SES-ASG-20180130-00073** E E2391 Comcast of Florida/Georgia/Pennsylvania, LLC  
Application for Consent to Assignment  
Consummated Date Effective: 01/30/2018

**Current Licensee:** Comcast of Florida/Georgia/Pennsylvania, L.P.  
**FROM:** COMCAST OF FLORIDA/GEORGIA/PENNSYLVANIA, LP  
**TO:** Comcast of Florida/Georgia/Pennsylvania, LLC

No. of Station(s) listed: 10

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**SES-ASG-20180130-00074** E E920515 Comcast of Southeast Pennsylvania, LLC  
Application for Consent to Assignment  
Grant of Authority Date Effective: 02/13/2018

**Current Licensee:** Comcast of Southeast Pennsylvania, Inc.  
**FROM:** COMCAST OF SOUTHEAST PENNSYLVANIA, INC.  
**TO:** Comcast of Southeast Pennsylvania, LLC

No. of Station(s) listed: 1

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**SES-ASG-20180201-00078** E E100008 NBC Telemundo License LLC  
Application for Consent to Assignment  
Consummated Date Effective: 01/31/2018

**Current Licensee:** ZGS EL PASO TELEVISION LP  
**FROM:** ZGS EL PASO TELEVISION LP  
**TO:** NBC Telemundo License LLC

No. of Station(s) listed: 1

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**SES-LIC-20171121-01269** E E170206 O3b Limited  
Application for Authority 02/12/2018 - 02/12/2033  
Grant of Authority Date Effective: 02/12/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1600 Amphitheatre Pkwy, Santa Clara, Mountain View, CA  
37 ° 23 ' 24.00 " N LAT. 122 ° 3 ' 0.00 " W LONG.

ANTENNA ID:	1	0.85 meters	AvL Technologies	1098FA
	11700.0000 - 12200.0000 MHz	18M0G7W	0.00 dBW	QPSK, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	4M50G7W	48.00 dBW	QPSK, DIGITAL CARRIER

**Points of Communication:**

1 - SES-1 - (101.0 W.L.)

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**SES-LIC-20171121-01378** E E170216 Knight Sky Consulting and Associates  
Application for Authority 02/09/2018 - 02/09/2033  
Grant of Authority Date Effective: 02/09/2018

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service



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SITE ID: 1  
LOCATION: U.S. territories (2.0M.), CONUS, HI, AK

ANTENNA ID:	2.0M.	2 meters	AVL	2010	
	5925.0000 - 6425.0000 MHz		9M00G7W	53.20 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		2M00G7W	46.70 dBW	Digital Data Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-LIC-20171121-01379</b>	E	E170217	Knight Sky Consulting and Associates	02/09/2018 - 02/09/2033
Application for Authority				Date Effective: 02/09/2018
Grant of Authority				

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: U.S. territories (2.0M.), CONUS, HI, AK

ANTENNA ID:	2.0M.	2 meters	AVL	2010	
	5925.0000 - 6425.0000 MHz		9M00G7W	53.20 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		2M00G7W	46.70 dBW	Digital Data Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-LIC-20171121-01380</b>	E	E170218	Knight Sky Consulting and Associates	02/09/2018 - 02/09/2033
Application for Authority				Date Effective: 02/09/2018
Grant of Authority				

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: U.S. territories (2.0M.), CONUS, HI, AK

ANTENNA ID:	2.0M.	2 meters	AVL	2010	
	5925.0000 - 6425.0000 MHz		9M00G7W	53.20 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		2M00G7W	46.70 dBW	Digital Data Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-RWL-20180131-00079** E KL28 The Curators of the University of Missouri  
Renewal 02/01/2018 - 02/01/2033  
Grant of Authority Date Effective: 02/09/2018

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: BOONE COUNTY, COLUMBIA, MO  
38 ° 56 ' 40.00 " N LAT.

92 ° 19 ' 35.00 " W LONG.

ANTENNA ID: 1 4.5 meters ROCKWELL SPECIFIED STANDARD ANTENNA  
3700.0000 - 4200.0000 MHz 200KF9E  
3700.0000 - 4200.0000 MHz 30KOF9D

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-RWL-20180205-00090** E E020340 Northrop Grumman Corporation  
Renewal 02/06/2018 - 02/06/2033  
Grant of Authority Date Effective: 02/08/2018

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: (JOINT-STARS 1.8 METER NO. 2), VARIOUS

ANTENNA ID: 1 1.8 meters VERTEX RSI 18QD  
14000.0000 - 14500.0000 MHz 6M55G7W 55.50 dBW 8.192 MBPS, QPSK, FEC  
11700.0000 - 12200.0000 MHz 6M55G7W 8.192 MBPS, QPSK, FEC

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-RWL-20180205-00091** E E020339 Northrop Grumman Corporation  
Renewal 02/06/2018 - 02/06/2033  
Grant of Authority Date Effective: 02/08/2018

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Domestic Fixed Satellite Service

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SITE ID: 1  
LOCATION: (JOINT-STARS 1.8 METER NO.1), VARIOUS

ANTENNA ID: 1	1.8 meters	VERTEX RSI	18QD
14000.0000 - 14500.0000 MHz	6M55G7W	55.50 dBW	8.192 MBPS, QPSK, FEC
11700.0000 - 12200.0000 MHz	6M55G7W		8.192 MBPS, QPSK, FEC

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-RWL-20180205-00094</b>	E E020074	Honeywell International Inc.	
Renewal			03/07/2018 - 03/07/2033
Grant of Authority			Date Effective: 02/09/2018

**Class of Station:** Mobile Earth Station

**Nature of Service:** Mobile Satellite Service

SITE ID: 1  
LOCATION: 25,000 INMARSAT D( D+ and M2M) half duplex METs throughout in U.S., Conus

ANTENNA ID: 1	0.11 meters	JRC (Size of MET: 121mm x 121mm x 41mm)	JUE-610 DT
1626.5000 - 1645.5000 MHz	2K50F1D	9.00 dBW	2 level FSK, 256Hz tone spacing, symbol rates
1525.0000 - 1544.0000 MHz	2K50F1D		Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate 4 symsbols/sec or Continuous-phase 32 -ary FSK, 32Hz tone spacing, symbol rate: 16 symbols/sec.
ANTENNA ID: 2	0.11 meters	SKYWAVE	DMR-200
1626.5000 - 1645.5000 MHz	2K50F1D	9.00 dBW	2 level FSK, 256Hz tone spacing, symbol rates
1525.0000 - 1544.0000 MHz	2K50F1D		Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate 4 symsbols/sec or Continuous-phase 32 -ary FSK, 32Hz tone spacing, symbol rate: 16 symbols/sec.
ANTENNA ID: 3	0.11 meters	SATAMATICS	SAT-101
1626.5000 - 1645.5000 MHz	2K50F1D	9.00 dBW	2 level FSK, 256Hz tone spacing, symbol rates
1525.0000 - 1544.0000 MHz	2K50F1D		Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate 4 symsbols/sec or Continuous-phase 32 -ary FSK, 32Hz tone spacing, symbol rate: 16 symbols/sec.

ANTENNA ID:	4	0.11 meters	SATAMATICS	SAT-201
	1626.5000 - 1645.5000 MHz		2K50F1D 9.00 dBW	2 level FSK, 256Hz tone spacing, symbol rates
	1525.0000 - 1544.0000 MHz		2K50F1D	Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate 4 symsbols/sec or Continuous-phase 32 -ary FSK, 32Hz tone spacing, symbol rate: 16 symbols/sec.
ANTENNA ID:	5	0.11 meters	SATMATICS	SAT 200/202
	1626.5000 - 1645.5000 MHz		2K50F1D 9.00 dBW	2 level FSK, 256Hz tone spacing, symbol rates
	1525.0000 - 1544.0000 MHz		2K50D1D	Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate 4 symsbols/sec or Continuous-phase 32 -ary FSK, 32Hz tone spacing, symbol rate: 16 symbols/sec.
ANTENNA ID:	6	0.03 meters	EMS Global Tracking	SAT-232
	1626.5000 - 1645.5000 MHz		2K50F1D 9.00 dBW	2 level FSK, 256Hz tone spacing, symbol rate 16 symbols/sec
	1525.0000 - 1544.0000 MHz		2K50F1D	Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate 4 symsbols/sec or Continuous-phase 32 -ary FSK, 32Hz tone spacing, symbol rate: 16 symbols/sec.
ANTENNA ID:	7	0.08 meters	SPECTRUM CONTROL INC.	SAT-242
	1626.5000 - 1645.5000 MHz		2K50F1D 9.00 dBW	2 level FSK, 256Hz tone spacing, symbol rate 16 symbols/sec
	1525.0000 - 1544.0000 MHz		2K50F1D	Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate 4 symsbols/sec or Continuous-phase 32 -ary FSK, 32Hz tone spacing, symbol rate
ANTENNA ID:	8	0.11 meters	HONEYWELL GLOBAL TRACKING	TAM-401
	1626.5000 - 1645.5000 MHz		2K50F1D 6.00 dBW	2-ary FSK, 256Hz tone spacing, symbol rate 128 symbol/sec max.
	1525.0000 - 1544.0000 MHz		2K50F1D	Continuous-phase 32 -ary FSK, 32Hz tone spacing, symbol rate 16 symbol/sec.
ANTENNA ID:	9	0.11 meters	HONEYWELL GLOBAL TRACKING	SAT-401
	1626.5000 - 1645.5000 MHz		2K50F1D 6.00 dBW	2-ary FSK, 256Hz tone spacing, symbol rate 128 symbol/sec max.

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1525.0000 - 1544.0000 MHz

2K50F1D

Continuous-phase 32 -ary FSK, 32Hz  
tone spacing, symbol rate 16 symbol/sec.

**Points of Communication:**

1 - ISAT List -

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**SES-RWL-20180212-00107** E E030013 KEYE Licensee, LLC

Renewal

03/03/2018 - 03/03/2033

Grant of Authority

Date Effective: 02/12/2018

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 10700 METRIC BLVD., AUSTIN, TX 78758 DALLAS, VARIOUS

ANTENNA ID: 1

1.2 meters

AVL TECHNOLOGIES

1.2 M DSNG

14000.0000 - 14500.0000 MHz

36M0G7W

59.70 dBW

ONE 36 MBIT MCPC DIGITAL  
CARRIER FOR VOICE/VIDEO

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-STA-20171204-01297** E Universal Space Network, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 02/09/2018

**Class of Station:**

On February 9, 2018, Universal Space Network, Inc. was granted special temporary authority, beginning February 9, 2018 through March 14, 2018, to operate its 13-meter fixed earth station in North Pole, AK with the Cryosar-2 NGSO satellite on the following center frequencies: 2026.75 MHz (Earth-to-space) and 2201.0 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20180124-00060** E E180007 MCI Communications Services, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 02/09/2018

**Class of Station:**

On February 9, 2018, MCI Communications Services, Inc. was granted special temporary authority for 30 days, beginning on February 9, 2018, to operate a 1.8- meter fixed earth station antenna located in LaMoure, ND with the Galaxy-28 (S2160) satellite at the 89° 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:**

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**SES–STA–20180129–00069** E E110104 SES Americom, Inc.

Special Temporary Authority  
Grant of Authority

Date Effective: 02/07/2018

**Class of Station:**

On February 7, 2018, SES Americom, Inc. was granted special temporary authority for 30 days, beginning February 9, 2018, to operate its fixed earth station in Bristow, VA to provide telemetry, tracking, and command (TT&C) service for the ASTRA 1D satellite as it drifts to the 73.0° W.L. orbital location for station-keeping on center frequencies: 14013.00 MHz and 14493.00 MHz (Earth-to-space); and 11447.50 MHz and 11454.00 MHz (space-to-Earth).

**Points of Communication:**

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**SES–STA–20180131–00075** E E180008 Alaska Public Telecommunications, Inc.

Special Temporary Authority  
Grant of Authority

Date Effective: 02/07/2018

**Class of Station:**

On February 7, 2018, Alaska Public Telecommunications, Inc. was granted special temporary authority for 60 days, beginning on February 7, 2018, to operate its fixed earth station in Anchorage, AK to communicate with the AMC-8 (S2379) satellite at the 139° orbital location in the 6059.15-6078.45 MHz, 6108.45-6182.24 MHz, 6271.54-6330.49 MHz and 6360.49-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

**Points of Communication:**

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