PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01832 **Wednesday March 9, 2016**

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-AMD-20150923-00612 E E960132 Iridium Satellite LLC
Amendment
Grant of Authority Date Effective: 03/02/2016

Class of Station: Mobile Earth Station

Nature of Service: Aeronautical Mobile-Satellite Service

SITE ID: Non-CC
LOCATION: Portable Hand Held Earth Terminals or AMS(R)S Terminals (200,000 units)

ANTENNA ID: Non-CC 0 meters MOTOROLA (200,000) TIME DOMAIN DUPLEX

1618.7250 - 1626.5000 MHz	667KQ7W	
1618.7250 - 1626.5000 MHz	41K7Q7W	
1618.7250 - 1626.5000 MHz	667KQ7W	9.40 dBW
1618.7250 - 1626.5000 MHz	41K7Q7W	-2.70 dBW

SITE ID: OpenPort 1
LOCATION: 50,000 (0.525 Mobile units)

ANTENNA ID: OpenPort 1 0.525 meters CELESTICA AT7521-2-A

1618.7250 - 1626.5000 MHz	41K7Q7W	-2.70 dBW
1618.7250 - 1626.5000 MHz	667KQ7W	9.40 dBW
1618.7250 - 1626.5000 MHz	41K7Q7W	11.95 dBW

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

ANTENNA ID:	LiveTV	0.407 meters	LiveTV	LV16-100301-101
1618.7250 - 1626.5000 MHz		667KQ7W	10.70 dBW	TDMA/TDD
1618.7250 - 1626.5000 MHz		41K7Q7W	4.70 dBW	TDMA/TDD
1618.7250 - 1626.5000 MHz		667KQ7W		
1618.7250 - 1626.5000 MHz		41K7Q7W		

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

ANTENNA ID:	AMS(R)S-1		AERO ANTENNA	AT1621-23 Dual Patch
ANTENNA ID:	AMS(R)S-2	0.089 meters	AERO ANTENNA	AT2775-110 Single Pa
ANTENNA ID:	AMS(R)S-3	0.089 meters	SENSOR SYSTEMS	S67-1575-409 Single
ANTENNA ID:	AMS(R)S-4	0 meters	SENSOR SYSTEMS	S67-1575-365 Dual Pa
ANTENNA ID:	AMS(R)S-5		SENSOR SYSTEMS	S67-1575-168 Single
ANTENNA ID:	AMS(R)S-6		SENSOR SYSTEMS	S67-1575-160 Single

Points of Communication:

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

LiveTV - IRIDIUM (S2110) - (NGSO)

Non-CC - IRIDIUM (S2110) - (NGSO)

OpenPort 1 - IRIDIUM (S2110) - (NGSO)

SES-AMD-20150923-00620 E E960622 Iridium Carrier Services LLC
Amendment
Grant of Authority Date Effective: 03/02/2016

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: 1
LOCATION: Portable Hand Held Terminals or AMS(R)S or AMS(R)S Terminals (200,000 units)

ANTENNA ID:	1	0 meters	MOTOROLA (200,000)	TIME DOMAIN DUPLEX
1618.7250 - 1626.5000 MHz		41K7Q7W	11.95 dBW	

SITE ID: OpenPort 2
LOCATION: 50,000 (0.525 Mobile units)

ANTENNA ID:	CC	0.525 meters	CELESTICA	AT7521-2-A
1618.7250 - 1626.5000 MHz	41K7Q7W			
1618.7250 - 1626.5000 MHz	667KQ7W			
1618.7250 - 1626.5000 MHz	41K7Q7W	-2.70 dBW		
1618.7250 - 1626.5000 MHz	667KQ7W	9.40 dBW		

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

ANTENNA ID:	LIVETV	0.407 meters	LIVETV	LV16-100301-101
1618.7250 - 1626.5000 MHz	667KQ7W	10.70 dBW		TDMA/TDD
1618.7250 - 1626.5000 MHz	41K7Q7W	4.70 dBW		TDMA/TDD
1618.7250 - 1626.5000 MHz	667KQ7W			NULL
1618.7250 - 1626.5000 MHz	41K7Q7W			NULL

Points of Communication:

1 - IRIDIUM (S2110) - (NGSO)

LiveTV - IRIDIUM (S2110) - (NGSO)

OpenPort 2 - IRIDIUM (S2110) - (NGSO)

SES-ASG-20151119-00864 E E990546 Liberty Uplink, Inc.
Application for Consent to Assignment
Grant of Authority Date Effective: 03/08/2016

Current Licensee: Liberty Uplink, Inc.
FROM: LIBERTY UPLINK, INC.
TO: Freedom Broadcast Group

No. of Station(s) listed: 1

SES-ASG-20160122-00095 E E090054 PAUL GIEROW
Application for Consent to Assignment
Grant of Authority Date Effective: 03/08/2016

Current Licensee: PAUL GIEROW
FROM: PAUL A. GIEROW
TO: GATR Technologies

No. of Station(s) listed: 1

SES-ASG-20160122-00096 E E080108 PAUL GIEROW
Application for Consent to Assignment
Grant of Authority Date Effective: 03/08/2016

Current Licensee: PAUL GIEROW
FROM: PAUL A. GIEROW
TO: GATR Technologies

No. of Station(s) listed: 1

SES-MFS-20160112-00007 E E030159 Harris CapRock Communications, Inc.
Modification 01/13/2004 - 01/13/2019
Grant of Authority Date Effective: 03/08/2016

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Gunnison Spar
LOCATION: GULF OF MEXICO, N/A
27 ° 18 ' 19.00 " N LAT. 93 ° 32 ' 20.00 " W LONG.

ANTENNA ID: Seatel9797 2.4 meters Seatel 9797

5925.0000 - 6425.0000 MHz	1M00G1W	48.97 dBW	Digital Data, QPSK
5925.0000 - 6425.0000 MHz	4M47G7W	50.05 dBW	DIGITAL
3700.0000 - 4200.0000 MHz	1M00G1W		Digital Data, QPSK
3700.0000 - 4200.0000 MHz	4M47G7W		DIGITAL
5925.0000 - 6425.0000 MHz	640KG7W	39.92 dBW	DIGITAL
3700.0000 - 4200.0000 MHz	640KG7W		DIGITAL

Points of Communication:

Gunnison Spar - AMC-9 - (85 W.L.)

Gunnison Spar - Eutelsat 113W(S2695) - (113 W.L.)

Gunnison Spar - PAS-9 (S2380) - (58.0 W.L.)

Gunnison Spar - PERMITTED LIST - ()

Gunnison Spar - SATMEX-5 - (116.8 W.L.)

SES-MFS-20160112-00011 E E060226 Shell Communications, Inc.
Modification 08/01/2006 - 08/01/2021
Grant of Authority Date Effective: 03/03/2016

Class of Station: Fixed Earth Stations

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

SITE ID: Robert TC
LOCATION: Gulf of Mexico, LA
30 ° 30 ' 54.40 " N LAT. 90 ° 20 ' 21.70 " W LONG.

ANTENNA ID:	Andrew243	2.4 meters	ANDREW	243
6067.0000 - 6103.0000 MHz		4M30G7W	52.00 dBW	QPSK - DATA
3700.0000 - 4200.0000 MHz		4M30G7W		QPSK - DATA
3700.0000 - 4200.0000 MHz		4M30G7W		DIGITAL
5925.0000 - 6425.0000 MHz		4M30G7W	52.00 dBW	DIGITAL

Points of Communication:

Robert TC - Eutelsat 113W(S2695) - (113 W.L.)

Robert TC - PERMITTED LIST - ()

Robert TC - SATMEX-5 - (116.8 W.L.)

SES-MOD-20130416-00322 E E960132 Iridium Satellite LLC
Application for Modification 11/01/2006 - 11/01/2021
Grant of Authority Date Effective: 03/02/2016

Class of Station: Mobile Earth Station

Nature of Service: Aeronautical Mobile-Satellite Service, Mobile Satellite Service

On March 2, 2016, Iridium Satellite LLC was granted Aeronautical Mobile-Satellite (Route) Service authority.

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

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: 50,000 (0.525 Mobile units)

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: 50,000 (0.407 Mobile units) (LiveTV)

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

SITE ID: AMS(R)S
LOCATION: 20,000 AMS(R)S terminals Operating aboard U.S commercial 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

Points of Communication:

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

LiveTV - IRIDIUM (S2110) - (NGSO)

METS - IRIDIUM (S2110) - (NGSO)

OpenPort - IRIDIUM (S2110) - (NGSO)

SES-MOD-20130416-00323 E E960622 Iridium Carrier Services LLC

Application for Modification 10/30/2006 - 10/30/2021

Grant of Authority Date Effective: 03/02/2016

Class of Station: Mobile Earth Station

Nature of Service: Aeronautical Mobile-Satellite Service

On March 2, 2016, Iridium Carrier Services LLC was granted Aeronautical Mobile-Satellite (Route) Service authority.

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

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: 50,000 (0.525 Mobile units)

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: 50,000 (0.407 Mobile units) (LiveTV)

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 U.S commercial 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

Points of Communication:

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

LiveTV - IRIDIUM (S2110) - (NGSO)

METS - IRIDIUM (S2110) - (NGSO)

OpenPort - IRIDIUM (S2110) - (NGSO)

SES-MOD-20151203-00909 E E130033 ViaSat, Inc.

Application for Modification 05/08/2013 - 05/08/2028

Grant of Authority Date Effective: 03/08/2016

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: MES-1

LOCATION: (.216 METER LBAND, 100,000 UNITS) CONUS, AK, HI, Puerto Rico, U.S. VI

ANTENNA ID:	2100-10	0.216 meters	ViaSat, Inc.	1148359
1646.5000 - 1660.5000 MHz		400KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz		200KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz		100KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz		50K0G1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
1625.5000 - 1645.5000 MHz		100KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
1625.5000 - 1645.5000 MHz		50K0G1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK

1625.5000 - 1645.5000 MHz	200KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
1625.5000 - 1645.5000 MHz	400KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
1545.0000 - 1559.0000 MHz	50K0G1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	100KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	200KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	400KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	50K0G1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	100KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	200KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	400KG1D		QPSK, IP data

SITE ID: Aviation-1
LOCATION: (.166 METER LBAND, 50,000 UNITS) CONUS, AK, HI, Puerto Rico, U.S. VI

ANTENNA ID: 2220-AT 0.166 meters ViaSat Inc. 2220-AT

1646.5000 - 1660.5000 MHz	100KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz	200KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz	300KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz	400KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz	500KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1626.5000 - 1645.5000 MHz	100KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1626.5000 - 1645.5000 MHz	200KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1626.5000 - 1645.5000 MHz	300KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1626.5000 - 1645.5000 MHz	400KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK

1626.5000 - 1645.5000 MHz	500KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK
1545.0000 - 1559.0000 MHz	100KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	200KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	300KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	400KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	500KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	100KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	200KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	300KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	400KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	500KG1D		QPSK, IP data

SITE ID: M2M-1
LOCATION: (250,000 UNITS) CONUS, AK, HI, Puerto Rico, U.S. VI

ANTENNA ID: 2225-FT 0.121 meters ViaSat, Inc. 2225-FT

1646.5000 - 1660.5000 MHz	100KG1D	7.70 dBW	Constant envelope spreading sequence modulation, GMSK, BT
1646.5000 - 1660.5000 MHz	200KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz	300KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz	400KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK
1646.5000 - 1660.5000 MHz	500KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK
1625.5000 - 1645.5000 MHz	100KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK
1625.5000 - 1645.5000 MHz	200KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK
1625.5000 - 1645.5000 MHz	300KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK
1625.5000 - 1645.5000 MHz	400KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK

1625.5000 - 1645.5000 MHz	500KG1D	7.70 dBW	Constant envelop spreading sequence modulation, GMSK
1545.0000 - 1559.0000 MHz	100KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	200KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	300KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	400KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	500KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	100KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	200KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	300KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	400KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	500KG1D		QPSK, IP data

SITE ID: MT2220

LOCATION: (0.166 METER LBAND, 1000 UNITS) CONUS, AK, HI, PUERTO RICO, AND U.S. VI

ANTENNA ID: 2220-MT 0.166 meters VIASAT, INC. 2220-MT

1626.5000 - 1645.5000 MHz	100KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT
1626.5000 - 1645.5000 MHz	200KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT
1626.5000 - 1645.5000 MHz	300KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT
1626.5000 - 1645.5000 MHz	400KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT
1626.5000 - 1645.5000 MHz	500KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT
1646.5000 - 1660.5000 MHz	100KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT
1646.5000 - 1660.5000 MHz	200KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT
1646.5000 - 1660.5000 MHz	300KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK. BT
1646.5000 - 1660.5000 MHz	400KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT

1646.5000 - 1660.5000 MHz	500KG1D	14.00 dBW	Constant envelop spreading sequence modulation, GMSK, BT
1525.0000 - 1544.0000 MHz	100KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	200KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	300KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	400KG1D		QPSK, IP data
1525.0000 - 1544.0000 MHz	500KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	100KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	200KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	300KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	400KG1D		QPSK, IP data
1545.0000 - 1559.0000 MHz	500KG1D		QPSK, IP data

Points of Communication:

Aviation-1 - SKYTERRA 1 - (101.3 W.L.)

M2M-1 - SKYTERRA 1 - (101.3 W.L.)

MES-1 - SKYTERRA 1 - (101.3 W.L.)

MT2220 - SKYTERRA 1 - (101.3 W.L.)

SES-MOD-20160125-00086 E E090136 KPHO Broadcasting Corporation

Application for Modification 09/14/2009 - 09/14/2024

Grant of Authority Date Effective: 03/08/2016

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5555 N. 7TH AVENUE, MARICOPA, PHOENIX, AZ

33 ° 31 ' 5.30 " N LAT. 112 ° 4 ' 54.20 " W LONG.

ANTENNA ID: 1 2.4 meters SKYWARE GLOBAL 62-2435611

14000.0000 - 14500.0000 MHz	36M0G7W	68.20 dBW	ONE DIGITAL CARRIER FOR VIDEO/VOICE/DATA
11700.0000 - 12200.0000 MHz	36M0G7W		NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20151214-00934 E E150076 HNS License Sub, LLC

Special Temporary Authority

Grant of Authority Date Effective: 03/04/2016

Class of Station:

On March 4, 2016, HNS License Sub, LLC was granted special temporary authority for 180 days beginning March 03, 2016, to test its gateway earth station in Gilbert, AZ using: (1) the AMC-15 (S2180) satellite at the 105° W.L. orbital location; (2) the EchoStar XVII (Jupiter 1) (S2753) satellite at the 107.1° W.L. orbital location,; (3) the AMC-16 (S2181) satellite at the 85° W.L. orbital location; (4) the EchoStar IX (S2179) satellite at the 121° W.L. orbital location; and (5) ViaSat-1 (S2747) satellite at the 115° W.L. orbital location, on the 28.5005 GHz (Earth-to-space) center frequency and in the 19.7-20.2 GHz (space-to-Earth) frequency band.

Points of Communication:

SES-STA-20160202-00111 E E160006 X2nSat

Special Temporary Authority

Grant of Authority Date Effective: 03/02/2016

Class of Station:

On March 2, 2016, X2nSat was granted special temporary authority, for 30 days, beginning March 1, 2016, to operate a VSAT Network consisting of one hub earth station in Sonoma, CA, and one remote earth station in Petaluma, CA with the EUTELSAT 113 West A satellite at the 113.0° 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-20160219-00156 E E7541 Lockheed Martin Corporation

Special Temporary Authority

Grant of Authority Date Effective: 03/02/2016

Class of Station:

On March 2, 2016, Lockheed Martin Corporation was granted special temporary authority, for a period of 30 days beginning March 2, 2016, to use its fixed earth station in Carpentersville, NJ, to provide telemetry, tracking and control ("TT&C") services, and launch and early orbit phase ("LEOP") services for the Eutelsat 65 West A satellite at the 65° W.L. orbital location on center frequencies: 13750.52 GHz and 14.000 GHz (Earth-to-space), and 10.9497 GHz and 11.203 GHz (space-to-Earth).

Points of Communication:

SES-STA-20160225-00165 E E090032 ISAT US Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/03/2016

Class of Station:

On March 3, 2016, ISAT US Inc. was granted special temporary authority for 60 days, beginning March 3, 2016, to operate its mobile earth stations with the Inmarsat-3 F5 satellite at the 54º W.L. orbital location in the 1525-1559 MHz (space-to-Earth) and 1626.5-1660.5 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20160225-00166 E E010048 Inmarsat Solutions (US) Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/03/2016

Class of Station:

On March 3, 2016, Inmarsat Solutions (US) Inc. was granted special temporary authority for 60 days, beginning March 3, 2016, to operate its mobile earth stations with the Inmarsat-3 F5 satellite at the 54º W.L. orbital location in the 1525-1559 MHz (space-to-Earth) and 1626.5-1660.5 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20160225-00167 E E010049 Inmarsat Solutions (US) Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/03/2016

Class of Station:

On March 3, 2016, Inmarsat Solutions (US) Inc. was granted special temporary authority for 60 days, beginning March 3, 2016, to operate its currently authorized mobile earth stations with the Inmarsat-3 F5 satellite at the 54º W.L. orbital location in the 1525-1545 MHz (space-to-Earth) and 1626.5-1646.5 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20160225-00168 E E010050 Inmarsat Solutions (US) Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/03/2016

Class of Station:

On March 3, 2016, Inmarsat Solutions (US) Inc. was granted special temporary authority for 60 days, beginning March 3, 2016, to operate its currently authorized mobile earth stations with the Inmarsat-3 F5 satellite at the 54º W.L. orbital location in the 1525-1545 MHz (space-to-Earth) and 1626.5-1646.5 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20160226-00179 E E150015 NBC Telemundo License LLC

Special Temporary Authority

Grant of Authority Date Effective: 03/02/2016

Class of Station:

On March 2, 2016, NBC Telemundo was granted special temporary authority, for 30 days, beginning March 4, 2016, to operate its fixed earth station in Washington with the Telstar 12V (S2933) satellite at the 15° W.L orbital location in the 13787-14000 MHz (Earth-to-space), and 10950-11200 MHz and 11450-11700 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20160226-00180 E E970050 The Christian Broadcasting Network, Inc.

Special Temporary Authority

Grant of Authority Date Effective: 03/02/2016

Class of Station:

On March 2, 2016, The Christian Broadcasting Network, Inc. was granted special temporary authority, for 30 days, beginning March 3, 2016, to operate its fixed earth station in Virginia Beach, VA, with the Telstar 12V (S2933) satellite at the 15.0°W.L. orbital location in the 13.8-14.0 GHz (Earth-to-space) frequency band.

Points of Communication:

SES-STA-20160301-00186 E KA265 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 03/03/2016

Class of Station:

On March 3, 2016, Intelsat License LLC was granted a special temporary authority, for 60 days, beginning March 3, 2016, to operate its fixed earth station in Paumalu, Hawaii to conduct telemetry, tracking, and command services for the Intelsat 805 (S2404) satellite at the 169° E.L. orbital location using the following center frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz and 3952.5 MHz (space-to-Earth) and 6173.7 MHz and 6176.3 MHz (Earth-to-space).

Points of Communication:

SES-STA-20160301-00187 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 03/03/2016

Class of Station:

On March 3, 2016, Intelsat License LLC was granted special temporary authority for 30 days, beginning March 7, 2016, to operate its fixed earth station in Hagerstown, MD to conduct telemetry, tracking, and command services for the Intelsat 16 (S2750) satellite as it drifts from the 76.2° W.L. orbital location to the 58.1° W.L. orbital location using the following center frequencies: 13997.50 MHz and 14499.50 MHz (Earth-to-space), and 12198.25 MHz and 12198.75 MHz (space-to-Earth).

Points of Communication:

SES-STA-20160301-00188 E Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 03/04/2016

Class of Station:

On March 4, 2016, Intelsat License LLC was granted special temporary authority, for 30 days, beginning March 8, 2016, to use a 2.4 meter fixed earth station in Hagerstown, MD, to provide in-orbit testing ("IOT") for the Intelsat 29e satellite (S2913) at the 49.7° W.L. orbital location, in the 29.50-30 GHz (Earth-to-space) and 19.70- 20.20 GHZ (space-to-Earth) frequency bands.

Points of Communication:

SES-T/C-20160121-00093 E E040267 Newcom International, Inc.

Application for Consent to Transfer of Control

Grant of Authority Date Effective: 03/08/2016

Current Licensee: Newcom International, Inc.

FROM: NEWCOM INTERNATIONAL, INC.

TO: SpeedCast Americas, Inc.

No. of Station(s) listed: 2

INFORMATIVE

SES-MOD-20130416-00322 E960132 Iridium Satellite LLC

Dismissed: Inmarsat Inc.'s Request to Hold in Abeyance, filed December 19, 2014, which requested that the Commission hold the above-captioned proceeding in abeyance until Iridium Satellite LLC (Iridium Satellite) provided certain additional technical information about its planned services. Iridium Satellite thereafter amended its technical showing to clarify the Aeronautical Mobile-Satellite (Route) Service station types and performance characteristics. These amendments were placed on public notice on October 21, 2015. No comments were filed in response. Based on Iridium Satellite's amended application, the Satellite Division is satisfied that Iridium Satellite meets the requirements for grant of this license, and there is no need to hold these proceedings in abeyance. Accordingly, Inmarsat Inc.'s Request to Hold in Abeyance is dismissed.

SES-MOD-20130416-00323 E960622 Iridium Carrier Services LLC

Dismissed: Inmarsat Inc.'s Requests to Hold in Abeyance, filed December 19, 2014, which requested that the Commission hold the above-captioned proceeding in abeyance until Iridium Carrier Services LLC (Iridium Carrier Services) provided certain additional technical information about its planned services. Iridium Carrier Services thereafter amended its technical showing to clarify the Aeronautical Mobile-Satellite (Route) Service station types and performance characteristics. These amendments were placed on public notice on October 21, 2015. No comments were filed in response. Based on Iridium's amended application, the Satellite Division is satisfied that Iridium Carrier Services meets the requirements for grant of this license, and there is no need to hold these proceedings in abeyance. Accordingly, Inmarsat Inc.'s Request to Hold in Abeyance is dismissed.

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