



SES-MOD-20120104-00005 E E090001 KVH INDUSTRIES, INC.  
Application for Modification  
Grant of Authority

12/15/2009 - 12/15/2024  
Date Effective: 05/16/2012

**Class of Station:** Other

**Nature of Service:** Earth Stations on-board Vessels

SITE ID: ESV NET3  
LOCATION: (MOBILE 1.0METER) (250 UNITS), CONUS, HI, AK USTERR

ANTENNA ID:	ESV3	1 meters	MELCO	KU-MATE(SX-5300)	
14000.0000 - 14500.0000 MHz			36M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz			27M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz			18M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz			36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11700.0000 - 12200.0000 MHz			27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11700.0000 - 12200.0000 MHz			18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz			36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz			27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz			18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz			36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz			27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

10950.0000 - 11200.0000 MHz	18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
SITE ID: ESV NET1			
LOCATION: (MOBILE 0.6METER), VARIOUS, 3500 UNITS			
ANTENNA ID: ESV1	0.6 meters	KVH INDUSTRIES, INC.	TRACPHONE V7
14000.0000 - 14500.0000 MHz	36M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	27M0G7D	42.40 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES

SITE ID: ESV NET2  
LOCATION: (MOBILE 0.37METER) 50 ENTERPRISE CENTER, VARIOUS (1000 UNITS)

ANTENNA ID: ESV2	0.37 meters	KVH INDUSTRIES, INC.	TRACPHONE V3
14000.0000 - 14500.0000 MHz	36M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.

14000.0000 - 14500.0000 MHz	27M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		DATA SERVICES
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES

SITE ID: ESV NET4

LOCATION: (MOBILE 1.0METER) 50 ENTERPRISE CENTER, VARIOUS (500 UNITS)

ANTENNA ID: ESV4      1 meters      KVH INDUSTRIES      TRACPHONE V11

14000.0000 - 14500.0000 MHz	27M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	36M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES

11700.0000 - 12200.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES

**Points of Communication:**

- ESV NET1 - ALSAT - (ALSAT)
- ESV NET1 - GE-23 - (172 E. L.)
- ESV NET2 - ALSAT - (ALSAT)
- ESV NET2 - GE-23 - (172 E. L.)
- ESV NET3 - GE-23 - (172 E. L.)
- ESV NET3 - TELSTAR 11N - (37.55 W.L.)
- ESV NET4 - GE-23 - (172 E. L.)
- ESV NET4 - TELSTAR 11N - (37.55 W.L.)

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**SES-RWL-20120202-00138**    E E000725    SkyBitz, Inc.  
Renewal    03/13/2012 - 03/13/2014  
Grant of Authority    Date Effective:    05/18/2012

**Class of Station:**    Mobile Earth Station

**Nature of Service:**    Domestic Mobile-Satellite Service, International Mobile Satellite Service, Mobile Satellite Service

SITE ID:    MOBILE  
LOCATION:    450,000 half-duplex METs CONUS, Alaska, HI & surrounding US water, VARIOUS

ANTENNA ID:	MT1	0.042 meters	Eagle Eye, Inc. (ant. size:4.2cm Square)	Ant. Type: Patch
	1626.5000 - 1660.5000 MHz	4K00F1D	4.00 dBW	MSK at 3600 bps; digital; data
	1626.5000 - 1660.5000 MHz	4K70G1D	4.00 dBW	MSK at 3600 bps; digital; data
	1574.4200 - 1576.4200 MHz	1M00G1D		reception of GPS L1 CA signal
	1574.4200 - 1576.4200 MHz	1M00G1D		Reception of GPS L1 CA signal
	1525.0000 - 1559.0000 MHz	4K00F1D		MSK at 3600 bps; digital; data
	1525.0000 - 1559.0000 MHz	4K70G1D		MSK at 3600 bps; digital; data

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**Points of Communication:**

MOBILE - AMC-1 - (101.0 W.L.)

MOBILE - INMARSAT 4F3 - (97.65 W.L.)

MOBILE - ISAT List -

MOBILE - MSAT-1 - (106.5 W.L.)

MOBILE - MSAT-2 - (100.95 W.L.)

MOBILE - MSV-1 - (101 W.L.)

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**SES-RWL-20120515-00440** E E920455 KSAX-TV, INC.

Renewal

06/10/2012 - 06/10/2027

Grant of Authority

Date Effective: 05/16/2012

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 415 FILLMORE AVENUE, DOUGLAS, ALEXANDRIA, MN

45 ° 53 ' 15.00 " N LAT.

95 ° 22 ' 43.00 " W LONG.

ANTENNA ID: 1 3 meters USS MIDWEST SATELLITE 380

3700.0000 - 4200.0000 MHz 25M0F8W

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-STA-20120417-00372** E E110120 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 05/17/2012

**Class of Station:**

"STA" is granted with conditions for a period of 30 days from May 18, 2012 through June 16, 2012, to utilize its Hagerstown, Maryland Ku-band earth station to communicate in the frequency bands 10950-12200 MHz and 14000-14500 MHz with the NSS-7 satellite (call sign S2463) as it drifts from 338.0 E.L. to 340.0 E.L.

**Points of Communication:**

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**SES-STA-20120426-00400** E E110104 SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 05/17/2012

**Class of Station:**

"STA" is granted with conditions for a period of 30 days from May 18, 2012 through June 16, 2012, to allow E110104 to communicate with NSS-7 to provide TT&C and carry customer traffic during and after the planned relocation of NSS-7 from 22 W.L. to 20 W.L.

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**Points of Communication:**

**SES-STA-20120509-00426** E E120057 Globecomm Systems, Inc.  
Special Temporary Authority  
Grant of Authority

Date Effective: 05/22/2012

**Class of Station:**

"STA" is granted with conditions for a period of 30 days from May 22, 2012 through June 21, 2012, to operate proposed Ku-band 1.0 meter transmit/receive earth station at its Hauppauge, New York facility prior to grant.

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**Points of Communication:**

**SES-STA-20120510-00429** E E070218 MTN License Corp.  
Special Temporary Authority  
Grant of Authority

Date Effective: 05/17/2012

**Class of Station:**

"STA" is granted with conditions for a period of 30 days from May 18, 2012 through June 16, 2012, to permit its 6.3 meter earth station licensed under Call Sign E070218 in Holmdel, New Jersey to communicate with the NSS-7 satellite during and after its anticipated relocation to the 20° W.L. orbital slot later this month.

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**Points of Communication:**

**SES-STA-20120510-00430** E E010332 MTN License Corp.  
Special Temporary Authority  
Grant of Authority

Date Effective: 05/17/2012

**Class of Station:**

"STA" is granted with conditions for a period of 30 days from May 18, 2012 through June 16, 2012, to permit its Earth Station on Vessels (ESV) network licensed under Call Sign E010332 to communicate with the NSS-7 satellite during and after its anticipated relocation to the 20° W.L. orbital slot later this month.

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**Points of Communication:**

**SES-STA-20120515-00441** E GLOBECAST UK  
Special Temporary Authority  
Grant of Authority

Date Effective: 05/21/2012

**Class of Station:**

GlobeCast UK is granted, under the following conditions, Special Temporary Authority for 30 days, from June 28, 2012 through July 27, 2012 to use its Advent Mantis 2.4m transportable earth, in Central Browning Park, Fort Lauderdale, Florida, emitting a signal within the 18M0D7W emission designator in the 5925-6425 MHz band at an EIRP not to exceed 30.3 dBW/4kHz to any U.S. authorized space station listed on the "Permitted List" at <http://www.fcc.gov/ib/sd/se/permitted.html> it has received permission from the space station operator to access that space station .

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**Points of Communication:**

SES-STA-20120515-00442 E

GLOBECAST UK

Special Temporary Authority  
Grant of Authority

Date Effective: 05/21/2012

**Class of Station:**

GlobeCast UK is granted, under the following conditions, Special Temporary Authority for 30 days, from June 23, 2012 through July 22, 2012 to use its GIGASAT 2.4m transportable earth, in Fort Adams, RI emitting a signal within the 18M0D7W emission designator in the 5925-6425 MHz band at an EIRP not to exceed 34.20 dBW/4kHz to any U.S. authorized space station listed on the "Permitted List" at <http://www.fcc.gov/ib/sd/se/permitted.html> it has received permission from the space station operator to access that space station.

**Points of Communication:**

**CORRECTIONS**

SES-MOD-20111208-01432 E050249 Inmarsat Solutions (US) Inc.

Application was placed on the Actions Taken Public Notice dated May 9, 2012 with an incorrect diameter of 0.02 for antenna HNS 9202, it should have been 0.2. The license has been corrected.

**Database Entry**

SES-DBE-20120430-00408 E960343 Federal Aviation Administration

This request for Database Entry was entered into IBFS on 05/18/2012

**SURRENDER**

SES-LIC-20031103-01540 E030274 MCI Communications Services, Inc.

License has been surrendered per letter filed on May 16, 2012.

SES-MOD-20080909-01183 E050236 HNS License Sub, LLC

License has been surrendered per letter filed on May 15, 2012.

SES-RWL-20020716-01086 KA332 MCI Communications Services, Inc.

License has been surrendered per letter filed on May 16, 2012.

SES-RWL-20040805-01222 E940480 MCI Communications Services, Inc.

License has been surrendered per letter filed on May 16, 2012.

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 202-418-2555.