



# PUBLIC NOTICE

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

News media information 202-418-0500  
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

Report No. SES-01710

Wednesday December 24, 2014

## Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-LIC-20140922-00748 E E140097 The Boeing Company

Application for Authority

Class of Station: Other

Nature of Service: Fixed Satellite Service

Boeing Company requests authority to operate up to 100 earth stations aboard aircraft that would transmit in the 14.0-14.5 GHz frequency band to the following geostationary-orbit space stations as points of communication: AMC-15 (Call Sign S2180) at 105.0° W.L., E36B (formerly Eutelsat W7) at 36.0° E.L., Eutelsat 7A at 7.0° E.L., Eutelsat 172A (Call Sign S2610) at 172.0° E.L., Intelsat 907 (Call Sign S2411) at 27.5° W.L., SES-1 (Call Sign S2807) at 101.0° W.L., Superbird C2 (Call Sign S2639) at 144.0° E.L., Telesat-11N (Call Sign S2357) at 37.5° W.L., and E113WA (Call Sign S2695, formerly SatMex 6) at 113.0° W.L. The aircraft earth stations would receive downlink transmissions in the 11.45-11.7 GHz band from E36B, Eutelsat 172A, Intelsat 907, and Telesat-11N; in the 11.7-12.2 GHz band from AMC-15, SES-1, and E113WS; and in the 12.2-12.75 GHz band from Eutelsat 7A, Eutelsat 172A, and Superbird C2. In addition, Boeing requests waiver of the Table of Frequency Allocations in 47 C.F.R. § 2.106 to permit reception in frequency bands used for Fixed-Satellite Service downlinks in Regions 1 and 3. Boeing also requests waiver of the off-axis EIRP spectral-density limits in 47 C.F.R. § 25.227(a)(1)(i)(A). Boeing requests waiver of Section 25.283(c) of the Commission's rules regarding the orbital debris mitigation and end of life disposal requirements for certain points of communication.

SITE ID: 1

LOCATION: 20403 68th Ave South BLDG 18-61.1 MC8R91, Kent, WA

0° 0' 0.00" N LAT.

0° 0' 0.00" W LONG.

ANTENNA ID:	BPA	0.381 meters	Boeing	Boeing Phased Array
14000.0000 - 14500.0000 MHz		420KG7D	31.70 dBW	Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz		32M4G7D	50.60 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz		420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK

11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
ANTENNA ID: Reflector	0.65 meters	Mitsubishi Electric Co.	Boeing Reflector Ant
14000.0000 - 14500.0000 MHz	420KG7D	30.50 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz	32M4G7D	46.70 dBW	Direct Sequence Spread Spectrum, O-QPSK
ANTENNA ID: Tecom	0.65 meters	Tecom Industries, Inc.	KuStream 1500
14000.0000 - 14500.0000 MHz	420KG7D	37.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz	32M4G7D	44.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK

11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK

**Points of Communication:**

- 1 - AMC-15 - (105 W.L.)
- 1 - EUTELSAT 172A(S2610) - (172 E. L.)
- 1 - Eutelsat 36B - (36 E.L.)
- 1 - Eutelsat 7A - (7 E.L.)
- 1 - INTEL 907 (S2411) - (27.5 W.L.)
- 1 - SATMEX 6 (S2695) - (113 W.L.)
- 1 - SES-1 - (101.0 W.L.)
- 1 - Superbird C2 - (144 E.L.)
- 1 - TELSTAR 11N (S2357) - (37.5 W.L.)

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**SES-LIC-20141217-00902** E E140127 CNN America, Inc.

Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: One CNN Center, Atlanta, GA

ANTENNA ID: 1                      1.35 meters                      GD Satcom                      C135M

14000.0000 - 14500.0000 MHz	24M0G7W	64.30 dBW	Digital Modulation, Voice, Video and Data Services
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**Points of Communication:**

- 1 - PERMITTED LIST - ()

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**SES-STA-20141216-00901** E E4132 Intelsat License LLC

Special Temporary Authority

**Class of Station:**

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Intelsat requests special temporary authority for its fixed earth station in Fillmore, CA, for 180 days, to provide launch and early orbit phase (LEOP) service for the ABS-3A satellite that is expected to be launched no earlier than February 1, 2015. LEOP operations will be performed on the following center frequencies: 6020.00 MHz and 6025.00 MHz (Earth-to-space) and 4194.5 MHz and 4197.0 MHz (space-to-Earth).

**Points of Communication:**

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**SES–STA–20141217–00904**    E   E4132            Intelsat License LLC

Special Temporary Authority

**Class of Station:**

Intelsat requests special temporary authority for its fixed earth station in Fillmore, CA, for 180 days, to provided launch and early orbit phase (LEOP) service for the Eutelsat-115WB satellite that is expected to be launched no earlier than February 1, 2015. LEOP operations will be performed on the following center frequencies: 6423.5 MHz and 6421.5 MHz (Earth-to-space) and 4199.0 MHz and 4199.8 MHz (space-to-Earth).

**Points of Communication:**

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**SES–STA–20141217–00906**    E   KA275            Intelsat License LLC

Special Temporary Authority

**Class of Station:**

Intelsat requests special temporary authority for its fixed earth station in Hagerstown, MD, for 180 days, to provided launch and early orbit phase (LEOP) service for the EUTELSAT-115WB satellite that is expected to be launched no earlier than February 1, 2015. LEOP operations will be performed on the following center frequencies: 6423.5 MHz and 6421.5 MHz (Earth-to-space) and 4199.0 MHz and 4199.8 MHz (space-to-Earth).

**Points of Communication:**

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**SES–STA–20141217–00907**    E   E040125           Intelsat License LLC

Special Temporary Authority

**Class of Station:**

Intelsat requests special temporary authority for its fixed earth station in Riverside, CA, for 180 days, to provided launch and early orbit phase (LEOP) service for the EUTELSAT-115WB satellite that is expected to be launched no earlier than February 1, 2015. LEOP operations will be performed on the following center frequencies: 6423.5 MHz and 6421.5 MHz (Earth-to-space) and 4199.0 MHz and 4199.8 MHz (space-to-Earth).

**Points of Communication:**

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**SES–STA–20141218–00908**    E   E000296           Intelsat License LLC

Special Temporary Authority

**Class of Station:**

Intelsat requests special temporary authority for its fixed earth station in Hagerstown, MD, for 180 days, to provided launch and early orbit phase (LEOP) service for the EUTELSAT-115WB satellite that is expected to be launched no earlier than February 1, 2015. LEOP operations will be performed on the following center frequencies: 6423.5 MHz and 6421.5 MHz (Earth-to-space) and 4199.0 MHz and 4199.8 MHz (space-to-Earth).

**Points of Communication:**

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