

APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

Call Signs E050287, E120055

SES Americom, Inc. (“SES”) respectfully requests a 30-day Special Temporary Authority (“STA”), beginning on or about July 14, 2013, to use the following earth stations to perform in-orbit testing (“IOT”) for the Netherlands-licensed SES-6 satellite at the 26° W.L. orbital location, prior to its relocation to its regularly authorized location at 40.5° W.L.

Earth Station	Antenna	Frequencies	Max Tx EIRP	Max Tx EIRP Density
E050287	WBKUB1	14.0-14.5 GHz up 11.7-12.2 GHz down	87.28 dBW	49.5 dBW/4 kHz
E120055	1	5.850-6.425 GHz up 3.625-4.2 GHz down	84.09 dBW	57.1 dBW/4 kHz

A full description of the SES-6 satellite can be found in the pending application for U.S. market access for SES-6 at 40.5° W.L. *See* File No. SAT-PPL-20120717-00117; Call Sign S2870 (accepted for filing Aug. 31, 2012).

Coordination of the IOT of SES-6 at 26° W.L. with adjacent satellite operators is complete. The IOT transmissions from the above earth stations will not exceed the maximum EIRP listed on their respective licenses. The maximum EIRP density on the licenses will also not be exceeded, except in the case of certain tests involving high-powered continuous wave (“CW”) carriers. Temporary use of these high-powered carriers in the C-band during IOT has been coordinated with co-primary terrestrial services. *See* Coordination Report (attached to STA application for E120055). The use of a CW carrier during C-band IOT may also result in satellite emissions in the 3.65-4.2 GHz frequency band that exceed the Commission’s PFD limits on the Earth’s surface in 47 C.F.R. § 25.208(a) within certain narrow bandwidths. To the extent necessary, SES requests a waiver of that provision for purposes of short-term satellite IOT on a non-interference basis.

In any event, all IOT operations will be conducted on a non-harmful interference basis. SES will cease transmissions in the event of any report of harmful interference. The SES point of contact during the proposed IOT operations will be Dewey Courtright, 410-970-7571, dewey.courtright@ses.com.

Grant of the requested STA will serve the public interest by enabling SES and its affiliate, New Skies Satellites B.V., to verify the capabilities of SES-6 before the satellite commences commercial operations at 40.5° W.L., while minimizing the risk of interference.