

APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

Call Sign E120055

SES Americom, Inc. (“SES”) respectfully requests a 30-day Special Temporary Authority (“STA”), beginning on or about November 18, 2013, to use Earth Station E120055 to communicate with the Netherlands-licensed NSS-806 satellite at the 47.5° W.L. orbital location for the limited purpose of characterizing the C-band interference environment at the new orbital location. The proposed operations will have the following parameters:

Earth Station	Antenna	Frequencies	Max Tx EIRP	Max Tx EIRP Density
E120055	1 (13m antenna)	6050-6258 MHz uplink 3825-4033 MHz downlink	50 dBW	26 dBW/4 kHz

A full description of the NSS-806 satellite at 47.5° W.L. can be found in the pending application for U.S. market access filed by SES’s affiliate, New Skies Satellites B.V. (“New Skies”). *See* File No. SAT-MPL-20130906-00114, Call Sign S2591 (accepted for filing public notice Sept. 13, 2013; no comments received).

The proposed operations with NSS-806 at 47.5° W.L. will not affect other lawfully authorized users of the C-band. Terrestrial Fixed Service (“FS”) stations will not be affected as Earth station E120055 has already been coordinated with the FS for the satellite arc from 15° to 142° W.L. and the proposed operations will be well within the coordinated parameters on the license. Adjacent satellite operators will also not be impacted as the proposed power levels comply with the limits in Section 25.212(d) for routine licensing of conventional C-band earth stations in a two-degree spacing environment.

In any event, all operations will be conducted on a non-protected, non-interference basis. SES will cease transmissions in the event of any report of harmful interference. The SES point of contact during the proposed 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 to evaluate the interference environment at 47.5° W.L. in advance of the commencement of commercial operations.