APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

(E980076; antenna 9.3M)

*** Expedited Action Requested ***

SES Americom, Inc. ("SES") hereby requests a 30-day Special Temporary Authority ("STA") to operate its 9.3 meter antenna (call sign E980076; antenna 9.3M) at its Bristow, Virginia, teleport to perform TT&C for the Netherlands-licensed NSS-806 satellite: (1) to drift the satellite from 40.5° W.L. to 47.5° W.L.; and (2) to maintain the satellite at 47.5° W.L. (+/- 0.1 degrees).[1] SES respectfully requests expedited grant of this STA by **August 9, 2013**, to enable the satellite relocation to be completed before the start of the eclipse season (*i.e.* by 29 August 2013).

Authority Requested. Specifically, SES is requesting authority to use the 9.3M antenna on E980076 to perform TT&C with the NSS-806 using the following conventional C-band frequencies during drift and on-station:[2]

Telecommand 1	6173.7 MHz
Telecommand 2	6176.3 MHz
Telemetry 1 & 1A	3947.5, 3948 MHz
Telemetry 2 & 2A	3952.5, 3952 MHz
Tracking Beacon	3950 MHz

SES is requesting authority to operate with a maximum EIRP of 77 dBW and EIRP density of 53.5 dBW/4 kHz for its telecommand uplinks. This is less than the maximum coordinated EIRP allowed under earth station license E980076, and is less than the maximum coordinated EIRP density for another antenna at the same teleport (call sign E000696) located a mere 125 feet away.[3]

In any event, all STA operations will be conducted on a non-interference basis. SES will coordinate all drift operations with potentially affected satellite operators in accordance with standard industry practice. SES will cease operations upon notice of any harmful interference caused by the proposed operations. The SES point of contact for all operations proposed under the requested STA is Gary Cruickshank, +1 (703) 367 7311, gary.cruickshank@ses.com.

Public Interest Statement. Grant of the requested STA will serve the public interest. The NSS-806 satellite will be replaced at its current orbital location 40.5° W.L. by the recently launched SES-6 satellite, thus ensuring continuity of service at the 40.5° W.L.

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[1] *See* File No. SAT-MPL-20130528-00078 (filed May 28, 2013) (requesting modification of NSS-806 market access to reflect a change in orbital location from 40.5° W.L. to 47.5° W.L.).

[2] The FCC has previously granted a waiver of 47 C.F.R. 25.202(g) for NSS-806's center-of-band TT&C frequencies. *See New Skies Satellites N.V.*, 16 FCC Rcd 6740, at ¶ 22 (2001).

[3] To the extent necessary, SES requests a waiver of the requirement in 47 C.F.R. § 25.203 for a fresh coordination report for the higher EIRP density of the TT&C transmissions of this antenna. There is no additional risk of harmful interference due to the close proximity of another antenna in the same frequency band that is coordinated and authorized to transmit at this higher EIRP density to the 40.5° W.L. orbital position.

orbital position. In turn, the relocation of NSS-806 to 47.5° W.L. will enable SES and its affiliates to augment services already being provided to the public by another SES-affiliated satellite at the 47.05° W.L. orbital location.[4]

Waiver Requests. To the extent necessary, SES hereby incorporates by reference the waiver requests associated with NSS-806 in File No. SAT-MPL-20130528-00078 (filed May 28, 2013), including the waiver requests for Section 25.202(g) (edge-of-band TT&C) and Section 25.210(j) (+/-0.05 degree east/west stationkeeping) of the Commission's rules.[5]

[4] SES's affiliate, SES Satellites (Gibraltar) Limited, is already authorized to provide service to the United States using the NSS-703 satellite at the 47.05° W.L. orbital position. The SES affiliates will coordinate the operations of the two satellites to avoid harmful interference between them.

[5] 47 C.F.R. §§ 25.202(g) and 25.210(j).