

APPLICATIONS FOR SPECIAL TEMPORARY AUTHORITY

(Call Signs E120055 and E090060)

SES Americom, Inc. (“SES”) respectfully requests Special Temporary Authority (“STA”) – to commence no later than October 7, 2014 – to use the following additional earth stations to perform Tracking, Telemetry and Command (“TT&C”) to retire the NSS-703 satellite currently at 47.05° W.L.:

| SES Designation | FCC Call Sign | Antenna Model | Coordination Arc | Use During De-orbit | Max EIRP dBW | Max EIRP Density dBW/4kHz |
|-----------------|------------------|----------------|------------------|---------------------|--------------|---------------------------|
| Woodbine T2 | E120055 Ant#1 | 13m Vertex | 15W-142W | 47.05W-142W | 84.09 | 57.1 |
| Sunset Beach C2 | E090060 C2 | 9MKP Vertex | 83W-233W | 83W-233W | 77.9 | 53.9 |

During the maneuvers to retire NSS-703, these earth stations will communicate with the satellite on the following TT&C frequencies:

| | |
|-------------|--------------------|
| Command 1 | 6173.7 MHz |
| Command 2 | 6176.3 MHz |
| Telemetry 1 | 3947.5 or 3948 MHz |
| Telemetry 2 | 3952.5 or 3952 MHz |

The Woodbine T2 earth station (Call Sign E120055) will be operated in accordance with the earth station’s licensed and coordinated technical parameters, as noted above. The Sunset Beach C2 earth station (Call Sign E090060) will be operated in accordance with the parameters contained in the coordination report accompanying the E090060 STA request (summarized in the Table above). An updated radiation hazard report is also attached to that STA request. SES will seek to modify the E090060 earth station license to add these parameters in the near future.

In any event, all earth station operations during the retirement of NSS-703 will be performed on a non-harmful interference, non-protected basis. In addition, SES will coordinate the de-orbit drift with all potentially affected satellite operators in accordance with industry practice. SES will cease operations upon receipt of notification of harmful interference. The SES point of contact for interference matters during the NSS-703 retirement maneuvers is the SES Satellite Control Center, +352 710 725 212, soc@ses.com (attention: Duty Satellite Controller).

Grant of the requested STAs will serve the public interest, as it will enable the NSS-703 satellite to be deorbited in accordance with the satellite’s authorized post-mission disposal plan. *See SES Satellites (Gibraltar) Limited*, Stamp Grant, File Nos. SAT-PPL-20101103-00230, 20110120-00015, Call Sign S2818 (granted Oct. 13, 2011). The Commission recently granted STAs for SES to use three other earth stations to perform NSS-703 de-orbit maneuvers. *See SES Americom, Inc.*, File Nos. SES-STA-20140829-00680, SES-STA-20140829-00681, SES-STA-20140829-00682 (stamp-granted Sept. 17, 2014).

SES respectfully requests STAs for an initial period of 30 days to begin on October 7, 2014. However, the retirement of the satellite may take longer than 30 days to ensure full venting of the fuel and oxidizer on the spacecraft. Accordingly, SES will be requesting an extension of these STAs for another 30 days.