Request for Extension of Special Temporary Authority

Inmarsat Mobile Networks, Inc. ("Inmarsat Mobile Networks") hereby requests a 30-day extension of its grant of special temporary authority ("STA") to operate its 19 meter earth station antenna located in Paumalu, Hawaii, Call Sign KA25, to permit C-band telemetry, tracking, and control ("TTAC") communications with the Inmarsat-5 F3 spacecraft ("I5F3") during its Launch and Early Orbit Phases ("LEOP"), electric orbit raising and In-Orbit Testing ("IOT").

The Commission granted STA for these operations for period of 90 days beginning on August 20, 2015. *See* File No. SES-STA-20150326-00182 (granted Aug. 19, 2015). This STA expires on November 17, 2015. Due to delays in the schedule for launches at the Baikonur facility in Kazakhstan, launch of I5F3 was delayed. As a consequence, the schedule for the subsequent LEOP and IOT activities were also delayed. The satellite has been launched, and IOT at 179º E.L. has commenced. However, testing at that location will not be completed by November 17th and is expected to continue until November 21, 2015, when KA25 will be used to provide TTAC for the drift of I5F3 to its ultimate location at 179.6º E.L. *See* File No. SES-AMD-20150910-00577, Call Sign E150028 (seeking an amendment to the I5F3 market access application to specify the 179.6º E.L. orbital location). Therefore, Inmarsat Mobile Networks respectfully requests an additional 30-day STA until December 17, 2015.

Grant of the requested STA extension will serve the public interest, convenience and necessity because it will enable Inmarsat Mobile Networks to provide essential TTAC functions to I5F3 without creating any risk of harmful interference during the testing and final drift of the satellite to its permanent location. These STA operations have been coordinated with existing spacecraft operators that potentially may be affected. Further, in accordance with normal industry practices, communications with other operators will be kept open throughout LEOP, IOT and drift to ensure that such operations will be conducted on a non-interference basis.