Request for
Extension of Special Temporary Authority

1   Nature of Request

Pursuant to ESAA license call sign E140097, Boeing operates on a near global basis its Boeing Broadband Satellite Network ("BBSN") to exclusively serve the needs of the United States Air Force Air Mobility Command ("AFAMC").

In cooperation with the Air Force, Boeing identified a next generation of transmit/receive antenna that is suitable for use on a new generation of aircraft that the Air Force is bringing into service. Boeing therefore requested and received Special Temporary Authority ("STA") for a period of 60 days to conduct the international waters testing of the Viasat KuKarray antenna to ensure that it meets the Air Force mission requirements (File No. SES-STA-20151007-00672). This authority expires December 13, 2015.

In this application, Boeing requests extension of the existing STA for an additional 60 days to permit Boeing and the Air Force time to complete their evaluation of the KuKarray antenna and ensure an orderly transition to the next generation of in-flight connectivity terminals.

2   Public Interest Justification

Boeing's BBSN exclusively serves the needs of the United States AFAMC to support the operation of critically-important VIP/SAM (Very Important Personnel/Special Air Mission) aircraft used to transport senior leadership of the U.S. Government and the Department of Defense. The BBSN achieves near global coverage through the use of selected U.S. and foreign satellites.

Grant of the requested STA would serve the public interest because the Air Force requires continuity of operations during equipment evaluation, adoption, and transition cycles. Boeing will continue operate the antenna under this STA on an unprotected, non-harmful interference basis.

3   Antenna Technical Information

No change is requested in the operating parameters of the KuKarray antenna, and thus for brevity Boeing incorporates by reference the technical description included in Boeing's initial STA application, File No. SES-STA-20151007-00672.