

Exhibit A

DESCRIPTION OF STA REQUEST

I. SUMMARY

ISAT US, Inc. (“ISAT US”) hereby requests special temporary authority (“STA”) to operate the two Earth station terminals types authorized under ISAT US’s blanket license for aeronautical terminals operating within the Inmarsat-5 Global Xpress network¹ (the “GX Terminals”) while at fixed locations within the continental United States (“CONUS”). ISAT US seeks to perform testing and demonstrations with the GX Terminals at various sites throughout the CONUS at fixed locations. The Commission previously granted the Aero License for operation of the GX Terminals mounted on aircraft, however ISAT US, by this STA, requests authority to operate 20 GX Terminals while at fixed locations on land within CONUS.

Grant of the requested STA will serve the public interest, convenience and necessity because it will enable ISAT US to conduct testing and demonstrations of the GX Terminals, consistent with the parameters described herein, without creating any risk of harmful interference. ISAT US respectfully requests the Commission grant this STA for a 30 day period beginning February 22, 2016.

II. DESCRIPTION OF STA REQUEST

Operations of the GX Terminals under this STA would be within the technical parameters of the existing Aero License for the GX Terminals and will be operated through the Lino Lakes Satellite Access Station authorized under call sign E120072.² The Inmarsat-5 F2 (“I5 F2”) and the Lino Lakes Satellite Access Station have both been authorized for U.S. market access from the 55° W.L. orbital location. Operations will be conducted in the following frequencies, which are the same as those already licensed by the Commission in the Aero License:

Transmit: 29.5-30.0 GHz

¹ See, ISAT US, Inc., Granted August 11, 2015, (Call Sign E140114; IBFS File No. SES-LIC-20141030-00832) (“*Aero License*”).

² See, Inmarsat Mobile Networks, Inc., Granted March 30, 2015, (Call Sign E120072; IBFS File No. SES-LIC-20120426-00397) (“*Lino Lakes Order*”).

Receive: 19.7 – 20.2 GHz

ISAT US incorporates by reference the technical parameters of the GX Terminals as set forth in the Aero License that show compliance with the off-axis EIRP density levels in Section 25.138 of the Commission's rules. The user terminal operations will be limited in number and locations and be closely monitored by the Inmarsat Network Operations Center (NOC) and various engineering teams associated with the GX network testing and demonstration campaign to ensure compliance with all conditions of the existing Aero License. The equipment will be marked to warn of potential radiation exposure, and the terminals will be in professionally installed locations. Radiation exposure prevention measures will be tailored to the specific location to ensure compliance with the Commission's radiation exposure limits. It is expected that the GX Terminals will be used starting February 22, 2016 for 30 days.