

Exhibit A

DESCRIPTION OF STA REQUEST

I. SUMMARY

ISAT US, Inc. (“ISAT US”) hereby requests this special temporary authority (“STA”) to operate the Data Path Earth station QTC90 GX within the Inmarsat-5 Global Xpress network. ISAT US seeks to be able to conduct demonstrations of the QTC90 GX terminal to potential customers at two Inmarsat facilities in Reston and Chantilly, Virginia. These operations are requested on a non-interference, non-protected basis. Grant of the requested STA will serve the public interest, convenience and necessity because it will enable ISAT US to conduct demonstrations of the terminal, consistent with the parameters described herein, without creating any risk of harmful interference. ISAT US respectfully requests the Commission grant this STA for a 60 day period beginning August 1, 2016.

II. DESCRIPTION OF STA REQUEST

ISAT US seeks STA to operate four QTC90 GX terminals, two at each of two locations. Operations of the QTC90 GX Terminal under this STA would be within the technical parameters included in the pending application File No. SES-MOD-20160720-00669, that requests to add this terminal type to the existing ISAT US blanket license Call Sign E150097 (“Land License”). The QTC90 GX terminals will be operated through the Inmarsat-5 F2 satellite (“I5 F2”) at the 55° W.L. orbital location and the Lino Lakes Satellite Access Station that have both been authorized for U.S. market access.¹ Operations will be conducted within a 1 mile radius of the following two locations:

Chantilly, VA
Latitude = 38° 53' 32.2656"
Longitude = 77° 26' 38.6232"

¹ See Inmarsat Mobile Networks, Inc., Granted March 30, 2015, (Call Sign E120072; IBFS File No. SES-LIC-20120426-00397) (“*Lino Lakes Order*”).

Reston, VA
Latitude = 38° 56' 51.7056"N
Longitude = 77° 20' 53.4726" W

The terminals will operate in the following frequencies, which are the same as those already licensed by the Commission for similar terminals in the Land License:

Transmit: 29.5-30.0 GHz

Receive: 19.7-20.2 GHz

ISAT US incorporates by reference the technical parameters of the QTC90 GX Terminal type as set forth in File No. SES-MOD-20160720-00669 that show compliance with the off-axis EIRP density levels in Section 25.138 of the Commission's rules. The STA operations will be closely monitored by the Inmarsat Network Operations Center (NOC) and various engineering teams associated with the demonstration campaign to ensure compliance with all conditions of the existing Land 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 proposed STA operations would commence on August 1, 2016 for a duration of 60 days.