

**Attachment 1**  
**REQUEST FOR SPECIAL TEMPORARY AUTHORIZATION**  
**(Response to Question 12)**

**I. DESCRIPTION OF STA REQUEST TO TEST AERONAUTICAL TERMINALS**

ISAT US, Inc. (“ISAT US”) hereby requests continued special temporary authorization (“STA”) to operate for testing and demonstration purposes three units each of the GetSat MilliEX and Ka5000 aeronautical terminal models aboard aircraft to communicate with the Inmarsat 5F2 (I5F2) and Inmarsat 5F3 (I5F3) satellites in the 19.7-20.2 GHz (space-to-Earth) and 29.5-30.0 GHz (Earth-to-space) bands for a sixty-day period beginning September 4, 2020.

ISAT US is already licensed by the Commission to operate aeronautical earth stations in the 19.7-20.2 GHz and 29.5-30.0 GHz bands. Further, ISAT US has submitted a modification to its existing aeronautical blanket earth station license (call sign E140114, File No. SES-MOD-20200605-00595) to add these terminal models. This modification went on Public Notice on July 15, 2020. The 30-day Public Notice period ended on August 14, 2020, without any filed comment. ISAT US incorporates herein by reference the technical specifications stated in the modification application.

The Commission granted STA to ISAT US for the same operation requested herein on July 7, 2020, for a period of sixty days (File No. SES-STA-20200612-00620). The grant of STA is active, and the grant document is filed with this application as Attachment 2. ISAT US seeks another STA term of sixty days with the same conditions as granted in the active STA to facilitate continued testing and demonstration pending favorable disposition of the underlying modification application.

The terminals will operate with the Inmarsat Global Xpress I5F2 and I5F3 satellites located at 55° W.L. and 179.6° E.L. orbital locations, respectively, as well as the Lino Lakes Satellite Access Station (Call Sign E120072). ISAT US will be responsible for all technical aspects of the system during testing and demonstration. The user terminal operations will be closely monitored by the Inmarsat Network Operations Center and the engineering team associated with the demonstration. ISAT US acknowledges this operation will be conducted on a non-interference and non-protected basis.

The ISAT US 24/7 Point of Contact during the STA is Ananda Mishra, telephone +1 808 638-5820. Further, the Inmarsat Network Operations Control in London can be reached at any time at +44 207 728 1616.

## **II. GRANT OF THE STA WILL SERVE THE PUBLIC INTEREST**

Grant of the requested STA will serve the public interest, convenience, and necessity because it will enable ISAT US to continue testing and demonstration of new terminals using the IF2 and I5F3 space stations, facilitating the further deployment of broadband communication to Inmarsat customers, including United States Government customers with evolving operational needs. The operation will be consistent with the technical parameters filed in pending IBFS File No. SES-MOD-20200605-00595, which are sufficient to avoid risk of harmful interference. ISAT US respectfully requests that the Commission grant STA beginning September 4, 2020, for a period of sixty days.