

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 special temporary authorization (“STA”) to operate for testing and demonstration purposes five units each of the Orbit GX46 and Honeywell MCS-8562 aeronautical terminal models 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 June 23, 2021.

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-20210508-00864) to add these terminal models. ISAT US incorporates herein by reference the technical specifications stated in that 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 conduct testing and demonstration 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 IBFS File No. SES-MOD-20210528-00864, which are sufficient to avoid risk of harmful interference. ISAT US respectfully requests that the Commission grant STA beginning June 23, 2021, for a period of sixty days.