

ISAT US Inc.
Request for Extension of Special Temporary Authority
IB File Nos. SES-STA-20150304-00112; SES-STA-20150522-00306
Exhibit A

Description of STA Request

ISAT US Inc. (“ISAT US”) hereby requests a 30-day special temporary authority (“STA”) with respect to its Global Xpress (“GX”) aviation Honeywell antenna testing using the same technical parameters for which it was previously authorized under IB File No. SES-STA 20150304-00112; SES-STA-20150522-00306 (“GX Aviation Honeywell Antenna STAs”) in May and June 2015.

The Inmarsat flight testing planned for May and extended to June 2015 met expectations for initial flight tests and the antenna was operated in full compliance with the GX Aviation Honeywell Antenna STAs. The testing took place during the authorized period with multiple flights. Inmarsat did not receive any reports of interference during the tests. ISAT US now plans to begin another stage of testing. This new stage includes validation of improvements made based upon experience gained during the first flight tests. The next stage will also include a Federal Aviation Administration Supplemental Type Certification (“STC”) flight for the Boeing 757 aircraft type.

More specifically, ISAT US seeks (i) authority to conduct testing of the Honeywell antenna mounted on a United States-flagged aircraft in the 29.5-30.0/19.7-20.2 GHz frequency bands using the Inmarsat-5 F1 satellite, located at the 62.6° E.L. orbital location, (ii) outside the United States over international waters and in foreign airspace, and (iii) operated through Inmarsat’s gateway facility located in Fucino, Italy.

In summary, the request for authority to conduct the testing will follow the same technical parameters as the initial GX Aviation Honeywell Antenna STA requests. Grant of the requested STA will serve the public interest, convenience and necessity because it will help ensure that the GX Honeywell antenna performs according to its design specifications by facilitating the assessment of the prototype earth station and will enable Inmarsat to proceed in implementing its ultimate plans to deploy the aeronautical antennas for the provision of broadband access service. As detailed in the GX Aviation Honeywell Antenna STA applications and underlying license application (File No. SES-LIC-20141030-00832; Call Sign E140114), facilitating the ultimate availability of broadband access on board aircraft will help satisfy the rapidly growing demand and consumer expectations for ubiquitous Internet connectivity on land, at sea, and in the air. The Commission previously has granted STA under similar circumstances, as well as permanent authority to operate Ka-band mobile earth stations on board aircraft.

Therefore, ISAT US respectfully requests that the Commission grant its STA for 30 days, beginning July 25th.