

Approved by OMB  
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for STA Extension – Lino Lakes

1. Applicant

|                   |  |                      |                           |
|-------------------|--|----------------------|---------------------------|
| <b>Name:</b>      | ISAT US Inc.                             | <b>Phone Number:</b> | 202-248-5158              |
| <b>DBA Name:</b>  |  | <b>Fax Number:</b>   | 202-248-5186              |
| <b>Street:</b>    | 1101 Connecticut Avenue NW<br>Suite 1200 | <b>E-Mail:</b>       | chris.murphy@inmarsat.com |
| <b>City:</b>      | Washington                               | <b>State:</b>        | DC                        |
| <b>Country:</b>   | USA                                      | <b>Zipcode:</b>      | 20036 -                   |
| <b>Attention:</b> | Mr Chris Murphy                          |                      |                           |



**File #** SES-STA-20150918-00597  
E040125  
**Call Sign** \_\_\_\_\_ **Grant Date** 9-29-15  
(or other identifier)  
**Term Dates**  
**From:** 9-29-15 **To:** 10-18-15  
**Approved:** [Signature]

Applicant: ISAT US Inc.  
File No.: SES-STA-20150918-00597  
Special Temporary Authority (STA)



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Term Dates  
From: 9-29-15 To: 10-18-15  
Approved: Paul Eddy

ISAT US Inc. is granted a STA extension from SES-STA-20150731-00484, from September 29 to October 18, 2015, to operate a 3.5 meter earth station located at Lino Lakes, Minnesota to facilitate over-the-air site acceptance testing (OSAT) and end-to-end testing of the 30.0-31.0 GHz and 20.2-21.2 GHz payload on the Inmarsat Global Xpress Ka-band network, using the Inmarsat 5 F2 (I5F2) satellite located at 55° W.L., under the following conditions:

1. Operations are limited to the following frequency bands and emissions:

| Frequency Band | Emissions | Input Power | Maximum E.I.R.P Density |
|----------------|-----------|-------------|-------------------------|
| 20.2-21.2 GHz  | 1G00G1D   | 11.5 dBW    | 52 dBW/4kHz             |
| 30.0-31.0 GHz  | 1G00G1D   | 11.5 dBW    | 52 dBW/4kHz             |

2. Operations under this authorization must comport with Inmarsat 5 F2 technical operating parameters and the Federal Communication Commission's rules.

3. All operations shall be on an unprotected and non-harmful interference basis, ISAT US Inc. shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.

4. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, ISAT US Inc. must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station.

5. In the event of any harmful interference under this grant of special temporary authority, ISAT US Inc. must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.

6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at ISAT US Inc.'s risk.

7. Operations during the period September 20, 2015 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F. R. § 1.62.

8. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.26 1, and is effective immediately.