

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:

Lino Lakes 3.5m Earth Station

1. Applicant

<b>Name:</b>	ISAT US Inc.	<b>Phone Number:</b>	202-248-5150
<b>DBA Name:</b>		<b>Fax Number:</b>	202-248-5177
<b>Street:</b>	1101 Connecticut Avenue NW Suite 1200	<b>E-Mail:</b>	louis.rosa@inmarsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036
<b>Attention:</b>	Mr Louis Rosa		



File # SES-STA-20151215-00938

Call Sign            Grant Date 1-6-16  
(or other identifier)

Term Dates  
From: 1-6-16 To: 2-5-16

Approved: Paul E. Hayes



File # SES-STA-20151215-00938

Call Sign \_\_\_\_\_ Grant Date 1-6-16  
(or other identifier)

Term Dates  
From: 1-5-16 To: 2-5-16

Approved: [Signature]

Applicant: ISAT US Inc.  
File No.: SES-STA-20151215-00938  
Special Temporary Authority (STA)

ISAT US Inc. is granted a STA extension from SES-STA-20151116-00845, for 30 days, beginning January 6, 2016, 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 December 18, 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.

<b>2. Contact</b>	
<b>Name:</b> Louis Rosa	<b>Phone Number:</b> 2022485150
<b>Company:</b> ISAT US Inc.	<b>Fax Number:</b> 202-248-5177
<b>Street:</b> 1101 Connecticut Ave NW Suite 1200	<b>E-Mail:</b> louis.rosa@inmarsat.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20036
<b>Attention:</b>	<b>Relationship:</b> Same
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)	
3. Reference File Number SESSTA2015111600845 or Submission ID	
4a. Is a fee submitted with this application?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).	
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee	
<input type="radio"/> Other (please explain):	
4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 12/17/2015	
7. City Lino Lakes	
8. Latitude (dd mm ss.s h) 0 0 0.0	

9. State MN	10. Longitude (dd mm ss.s h) 0 0 0.0
11. Please supply any need attachments. Attachment 1: Narrative Attachment 2: Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">Lino Lakes 3.5m antenna</div>	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Louis Rosa	15. Title of Person Signing Regulatory Counsel
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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ISAT US Inc.  
Request for Extension of Special Temporary Authority  
IB File Nos. SES-STA-20150731-00484  
Exhibit A

### **Description of STA Request**

ISAT US Inc. ("ISAT US") hereby requests a 30-day special temporary authority ("STA") extension with respect to its Global Xpress ("GX") network to continue to operate a 3.5 meter earth station located in Lino Lakes, Minnesota. The STA extension will 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 (I5 F2) satellite located at 55W. The earth stations will continue testing using the same technical parameters for which they were previously authorized under IB File No. SES-STA 20150731-00484 ("GX OSAT STA") on August 20, 2015. Initial testing has been successful, but additional testing is required as a result of some equipment availability issues.

Grant of the requested STA extension will serve the public interest, convenience and necessity because it will help ensure that the GX network performs according to its design specifications and will enable Inmarsat to proceed in implementing its ultimate plans to deploy broadband access service. As detailed in various GX applications and STA requests over the last several years, facilitating the ultimate availability of broadband access will help satisfy the rapidly growing enterprise, government and consumer demand for ubiquitous Internet connectivity on land, at sea, and in the air. The Commission previously has granted STA under similar circumstances.

Therefore, ISAT US respectfully requests that the Commission grant its STA extension request for 30 days, beginning December 17, 2015.