

ISAT US Inc.

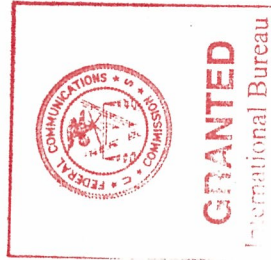
Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA Extension for Lino Lakes 3.5 m Terminal

1. Applicant

Name:	ISAT US Inc.	Phone Number:	202-248-5150
DBA Name:		Fax Number:	
Street:	1101 Connecticut Avenue NW Suite 1200	E-Mail:	giselle.creaser@inmarsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036
Attention:	Giselle Creaser		



File # SES-STA-20160309-00199
 Call Sign 3-15-16 Grant Date 3-15-16
 (or other identifier)
 Term Dates From: 3-15-16 To: 4-1-16
 Approved: [Signature]

Applicant: ISAT US Inc.
File No.: SES-STA-20160309-00199
Special Temporary Authority (STA)

ISAT US Inc. is granted a STA, extension from SES-STA-20160121-00076, for 30 days, beginning March 15, 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. 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



File # SES-STA-20160309-00199
Call Sign _____ Grant Date 3-15-16
(or other identifier)
Term Dates
From: 3-15-16 To: 4-14-16
Approved: Paul E. Black

2. Contact	
Name: Giselle Creeser	Phone Number: 202-248-5150
Company: ISAT US Inc.	Fax Number:
Street: 1101 Connecticut Avenue NW Suite 1200	E-Mail: giselle.creeser@inmarsat.com
City: Washington	State: DC
Country: USA	Zipcode: 20036 -
Attention:	Relationship: Engineer
(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 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 CGV - Fixed Satellite VSAT System	
5. Type Request	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City/Lino Lakes	8. Latitude (dd mm ss.s h) 45 15 37.0 N

9. State MN	10. Longitude (dd mm ss.s h) 93 5 20.0 W
11. Please supply any need attachments. Attachment 1: STA Request 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; min-height: 100px;">Request for extension of STA for 3.5 m antenna in Lino Lakes, MN.</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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Giselle Creeser	15. Title of Person Signing Director, Regulatory
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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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

ISAT US, Inc.
Request for Extension of Special Temporary Authority
IB File Nos. SES-STA-20150731-00484; SES-STA-20160121-00076

Request for STA

ISAT US Inc. ("ISAT US") hereby requests an extension of special temporary authority ("STA") for an additional 30 days to allow continued operation of a 3.5 meter earth station antenna 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 ("I5F2") satellite located at 55° W.L. The earth station will continue testing using the same technical parameters previously authorized under IB File No. SES-STA-20150731-00484 ("GX OSAT STA") on August 20, 2015. Initial testing has been successful, however an extension is required for further testing and demonstrations to potential customers.

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 continue to deploy broadband service. As detailed in various GX applications and STA requests over the last several years, facilitating the 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 beyond the expiration of the current term on March 14, 2016.