

E140114 SES-STA-20160304-00194 IB2016000585
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 Aeronautical Terminals at Fixed Locations

1. Applicant

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



File # SES-STA-20160304-00194
Call Sign 2Y0M17 Grant Date 3-18-16
(or other identifier)
Term Dates
From: 3-24-16 To: 5-27-16
Approved: Giselle Creaser

ISAT US Inc.

File No.: SES-STA-20160304-00194

Call Sign: E140114

Special Temporary Authority (STA)

- All antennas must operate with authorized emission limits in current authorizations
- Operations 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.
- Grant of this STA is without prejudice to any determination that the Commission may make regarding other pending or future applications.
- Grant of this STA does not constitute market access for any other U.S. earth station.
- If the underlying application is dismissed or denied this authorization becomes invalid and operations must cease immediately.
- Any action taken or expense incurred as a result of operations pursuant to this STA is solely at the applicant's risk.
- This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.



File # SES-STA-20160304-00194
Call Sign E140114 Grant Date 3-17-16
(or other identifier)
Term Dates
From: 3-24-16 To: 5-23-16
Approved: Paul E. Blaney

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@innmarsat.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 SESMOD2016030200191 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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 03/24/2016	
7. City	8. Latitude (dd mm ss.s h) 0 0 0.0

9. State	10. Longitude (dd mm ss.s h) 0 0 0.0
11. Please supply any need attachments. Attachment 1: STA Description 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;">Request to operate currently authorized aeronautical terminals at fixed and/or temporary fixed locations.</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 Special Temporary Authority
IB File Nos. SES-MOD-20160302-00191
Call Sign E140114

Request for Special Temporary Authority for Use Prior to Grant

ISAT US, Inc. ("ISAT US") hereby requests special temporary authority ("STA") to allow the operation of up to 20 units each of two aeronautical earth station terminal types at fixed and/or temporary fixed locations operating in the 19.7-20.2 GHz and 29.5-30.0 GHz portions of the Ka band. ISAT US is currently authorized to operate two distinct aeronautical earth station terminal types ("Aero Terminals") under a Ka band blanket license, Call Sign E140114, which includes the Inmarsat-5 F2 satellite at the 55° W orbital location and the Inmarsat-5 F3 satellite at the 179.6° E.L. orbital location ("Aero License"). Operations under this STA will be consistent with the parameters authorized under the Aero License and a pending request for modification of the Aero License seeking authority to operate the Aero Terminals at fixed and/or temporary fixed basis on a non-protected, non-interference basis. *See* IB File No. SES-MOD-20160302-00191 (filed Mar. 2, 2016) ("Modification Application").

Because this request for STA seeks authority to operate Aero Terminals consistent with the pending modification application, ISAT US seeks STA for 60 days beginning on March 24, 2016. ISAT US currently is operating Aero Terminals at fixed and/or temporary fixed locations pursuant to STA that expires on March 24, 2016. *See* IB File No. SES-STA-20160211-00133. However, since that STA was granted, ISAT US filed for permanent authority through the Modification Application.

Grant of the requested STA will serve the public interest, convenience and necessity because it will enable ISAT US to conduct testing and demonstrations of the Aero Terminals, including for training and demonstrations for customers and potential customers, to facilitate continued deployment of the Global Xpress satellite broadband service. Because the STA operations will be consistent with the parameters authorized by the Aero License, but at fixed and/or temporary fixed locations, grant of this request will not create a risk of harmful interference. The STA operations will be limited in number and location and will be closely monitored by the Inmarsat Network Operations Center ("NOC") and various engineering teams associated with the GX network testing and demonstration campaign to ensure compliance with all conditions of the Aero License. The equipment will be in professionally installed locations, and radiation exposure prevention measures will be tailored to the specific location to ensure compliance with the Commission's radiation exposure limits.

Therefore, ISAT US respectfully requests that the Commission grant this STA for a period of 60 days beginning on March 24, 2016.