

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

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

1. Applicant

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



File # SES-STA-20151215-00937
Call Sign E140029 Grant Date 12/21/2015
(or other identifier)
Term Dates
From 12/29/2015 To: 01/27/2016
Approved: Paul E Blau

Applicant: ISAT US, INC,
Call Sign E140029
File No.: SES-STA-20151215-00937
Special Temporary Authority (STA)



with conditions
File # SES-STA-20151215-00937
Call Sign E140029 Grant Date 12/21/2015
(or other identifier)
Term Dates
From 12/29/2015 To: 01/27/2016
Approved: Paul E. Blas

ISAT US, Inc. is granted special temporary authority for a period of 30 days, beginning December 29, 2015, to operate the following maritime earth stations while at fixed and/or temporary fixed locations on land within CONUS with the INMARSAT 5F2 satellite operating at the 55.0 W.L. orbital location in the 29.5-30.0 GHz (Earth-to-space) and 19.7-20.2 GHz (space-to-Earth) frequency bands.

- (1) Cobham-Sea Tel model 4012GX
- (2) Cobham-Sea Tel model GX6O
- (3) INTELLIAN model GX100 and
- (4) INTELLIAN model GX6O.

All operations must comply with the operational parameters authorized by grant of IBFS File No, SES-LIC-20140224-00098 and are subject to the following conditions:

1. Operations under this grant of special temporary authority must be on an unprotected, non-harmful interference basis, *i.e.*, while operating under this temporary authority ISAT US, Inc. must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating radio communication system. ISAT US, Inc. must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.
2. ISAT US, Inc. must take all necessary measures to ensure that the antenna does not create potential exposure of humans to radio frequency radiation in excess of the FCC exposure limits defined in 47 CFR § 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rlfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers. The licensee shall ensure installation of by qualified installers who have an understanding of the antenna's radiation environment and the measures best suited to maximize protection of the general public and persons operating the equipment. A terminal exhibiting radiation exposure levels exceeding 1.0 m W/cm² in accessible areas, such as at the exterior surface of the radome, shall have a label attached to the surface of the terminal warning about the radiation hazard and shall include thereon a diagram showing the regions around the terminal where the radiation levels could exceed 1.0 mW/cm².
3. ISAT US, Inc. must maintain a point of contact available 24 hours per day, seven days per week, with the authority and ability to terminate operations authorized, for discussing interference concerns with other licensees and U.S. Government agencies.
4. Antenna elevation for all operations must be at least 5 degrees above the geographic horizon.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending applications or future requests for special temporary authority.
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.

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. Petitions for reconsideration under Section 1.106 or applications for review under Sections 1.115 of the Commission's rules, 47 C.F.R. § 1.106, 1.115, may be made within thirty days of the date of the public notice indicating that this action was taken.

ISAT US, Inc.
Request for Extension of Special Temporary Authority
IB File Nos. SES-STA-20151020-00750

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 all Earth station terminals subject to the Maritime License as amended¹ (the "GX Terminals") while at fixed and/or temporary fixed locations within the continental United States ("CONUS"). The STA extension will facilitate testing of the terminals on the Inmarsat Global Xpress Ka band network components using the Inmarsat 5 F2 ("I5 F2") satellite located at 55° W.L. The earth stations will continue testing using the same technical parameters for which they were previously authorized under IB File No. SES-STA-20151020-00750 ("CONUS STA"). Initial testing has been successful, but additional testing is required.

Grant of the requested STA extension will serve the public interest, convenience and necessity because it will help ensure that the GX network and the terminals contemplated by this STA perform according to their 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 29, 2015.

¹ See, ISAT US, Inc., Granted September 29, 2015, (Call Sign E140029; IBFS File No. SES-LIC-20140224-00098) ("*Maritime License*").

2. Contact

Name:	Louis Rosa	Phone Number:	2022485150
Company:	ISAT US Inc.	Fax Number:	
Street:	1101 Connecticut Ave NW louis.rosa@inmarsat.com	E-Mail:	louis.rosa@inmarsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:		Relationship:	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 SESSTA2015102000750 or Submission ID

4a. Is a fee submitted with this application?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity Noncommercial educational licensee

Other (please explain):

4b. Fee Classification CGB - Mobile Satellite Earth Stations

5. Type Request

Use Prior to Grant

Change Station Location

Other

6. Requested Use Prior Date
12/29/2015

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: 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;">Maritime Terminal CONUS operation</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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PER, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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.