

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Renewal of STA for Tampa Microwave Antenna (E150097)

1. Applicant

Name:	ISAT US Inc.	Phone Number:	202-572-0686
DBA Name:		Fax Number:	202-248-5177
Street:	1101 Connecticut Avenue NW Suite 1200	E-Mail:	Ethan.Lucarelli@inmarsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036
Attention:	M. Ethan Lucarelli		



GRANTED

International Bureau

File # SES-STA-20190603-00723
E150097
Call Sign Grant Date 6/14/19
(or other identifier)

Term Dates From: 6/14/19 To: 7/14/19

Approved: Paul E. Hines

2. Contact			
Name:	M. Ethan Lucarelli	Phone Number:	202-572-0686
Company:	ISAT US Inc.	Fax Number:	202-248-5177
Street:	1101 Connecticut Avenue NW Suite 1200	E-Mail:	Ethan.Lucarelli@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 SESSTA2019041700530 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 06/08/2019			
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: Attachment 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.) ISAT US seeks to renew its STA for 30 days to allow testing by USG customers of two units of each terminal type subject to pending modification application SES-MOD-20190417-00528.	
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"; party to the application; for these purposes. Yes ☒ No ☐	
14. Name of Person Signing M. Ethan Lucarelli	15. Title of Person Signing Director, Regulatory and Public Policy
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.

Applicant: ISAT US, Inc.
Call Sign: E150097
File No.: SES-STA-20190603-00723
Special Temporary Authority ("STA")



File # SES-STA-20190603-00723
Call Sign E150097 Grant Date 6-14-19
(or other identifier)
From: 6-14-19 To: 7-14-19
Approved: Paul E. New

ISAT US, Inc. ("ISAT US") is granted extension of STA for 30 days for testing of new antenna models: Tampa 65, Tampa 95, and Tampa 130, to communicate with the Inmarsat 5F2 satellite at the 55°W orbital location and with the Inmarsat 5F3 at 179.6°W orbital location. The STA operations will be in the 29500-30000 GHz (Earth-to-space) and 19700-20200 GHz (space-to-Earth) frequency bands in areas of CONUS, USVI, Puerto Rico, Alaska, Hawaii, and US Territories under the following conditions:

1. Operations under STA will be in compliance with Section 25.138 of the Commission's rules, 47 C.F.R. § 25.138, under clear sky conditions, and will be operated through the Remote Control point location authorized under station Call Sign E120072 and monitored by the Inmarsat Network Operations Center (NOC).
2. Operations will not exceed the parameters proposed in the STA application.
3. All operations by ISAT US shall be on an unprotected basis and shall not claim protection from interference caused to it by any other lawfully operating station.
4. In the event that any harmful interference is caused as a result of STA operation, ISAT US shall cease operations immediately upon notification of such an event, and shall inform the Commission immediately, in writing, of the event.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at ISAT US's own risks.
6. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency 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. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. 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/rfsafety) 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.

7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding ISAT US's pending FCC application IBFS File No. SES-MOD-20190417-00528.
8. Operations of this station during the period from expiration of June 7, 2019, FCC IBFS file number SES-STA-20190417-00530 to the grant of this special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62.

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.