

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 to Support Hurricane Maria Recovery Operations

1. Applicant

Name:	ISAT US Inc.	Phone Number:	703-883-7444
DBA Name:		Fax Number:	202-248-5177
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-2017-0929-01073

Call Sign Grant Date 9-29-17
(or other identifier)

Term Dates
From: 10-2-17 To: 11-1-17

Approved: [Signature]

Deputy Chief, Satellite Div.

around the earth station where radiation levels could exceed 1.0mW/cm². The earth station operator shall be responsible for assuring that individuals do not stray into the regions around the earth station where there is a potential for exceeding the maximum permissible exposure limits required by 47 C.F.R. § 1.1310.

6. Any action taken or expense incurred as a result of operations pursuant to this special authority is solely at INMARSAT's own risk.
7. The grant of the verbal STA request was issued in accordance with emergency procedures put in place to provide communications in areas affected by Hurricanes Irma and Maria. To ensure that the Commission has a complete record of the request and action taken, INMARSAT is directed to file an electronic version of its STA request submitted through IBFS as soon as possible.
8. This STA may be terminated at the International Bureau's discretion, without a hearing, if conditions warrant. Under no circumstances may the facility(ies) authorized violate the terms of an international agreement or treaty. If an application for permanent authority is on file with the Commission, this action is taken without prejudice to that application. The applicant is required to post and/or retain a copy of this authorization as required by the Commission's Rules.
9. This grant 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.

/s/ Kathryn J. Medley, Chief Satellite Engineering Branch, FCC/IB



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Call Sign _____ Grant Date 9-29-17
(or other identifier)

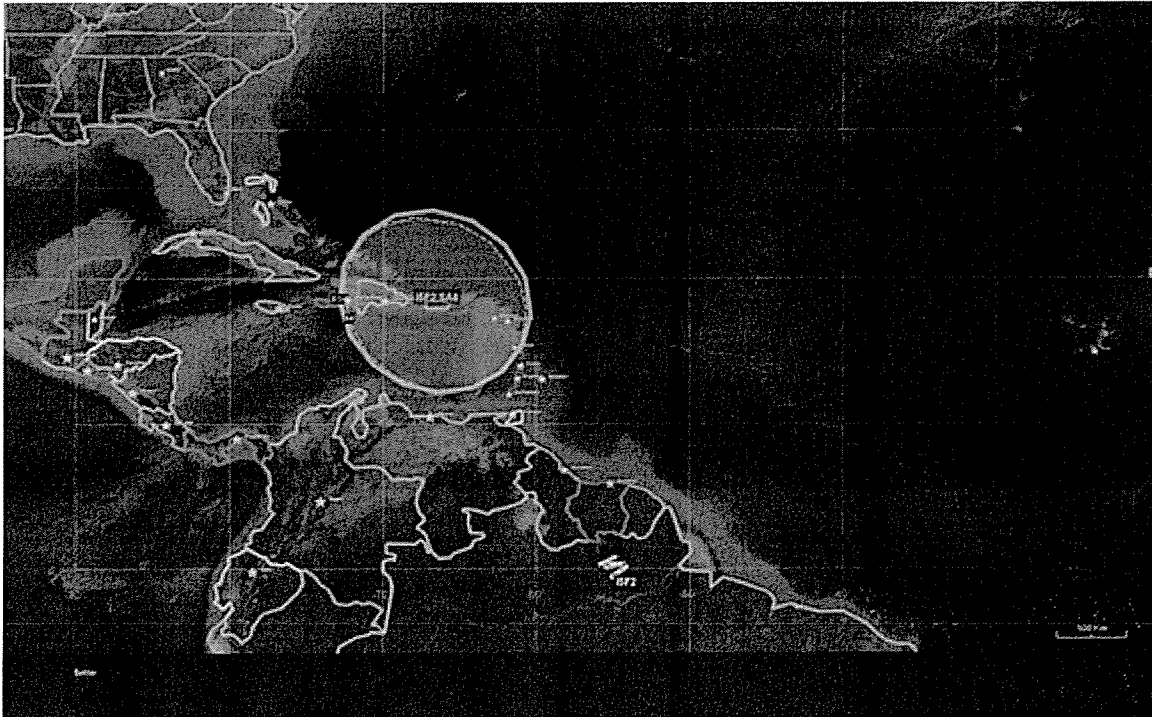
Term Dates
From: 10-2-17 To: 11-1-17

Approved: Kathryn Medley
Deputy Chief, Satellite Sv.

Emergency STA Conditions of Grant For Fixed and Temporary-Fixed Earth Stations

Company: INMARSAT _____ Name/Title: Giselle Creeser _____
 Telephone: (703) 883-7444 _____ E-mail: Giselle.Creeser@inmarsat.com _____
 24/7 Contact Name: Giselle Creeser _____ 24/7 Contact Phone: (703) 883-7444 _____

INMARSAT's request for Special Temporary Authority to operate all terminals authorized under call signs E140114, E140029 and E150097 with the Inmarsat 5F2 satellite located at 55° W. L. on its HCC beam that is being located as shown below is GRANTED WITH CONDITIONS beginning 10/2/2017 and ending 11/1/2017. This authorization is granted to support Hurricanes Irma and Maria recovery operations.



1. All operations under this STA are on an unprotected and non-harmful interference basis.
2. Operations are limited to the following frequency bands

Earth-to-Space Frequency (E-S Transmit)	Space-to-Earth Frequency (E-S Receive)
29250- 29350	19450- 19550

3. INMARSAT must coordinate its operations so that no harmful interference is caused to any other lawfully operating satellites or radiocommunication systems. INMARSAT shall cease operations immediately upon notification of such interference and inform the Commission in writing immediately of such an event.
4. The 24 Hour Point of Contact during the STA is the Inmarsat Network Control Center that can be reached at +44 207 728 1616.
5. INMARSAT must take all reasonable and customary measures to ensure that the earth station(s) do(es) not create a potential for harmful non-ionizing radiation to persons who may be in the vicinity of the earth station when it is in operation. At a minimum, permanent warning labels shall be fixed to the earth station and its housing warning of the radiation hazard and including a diagram showing the regions

2. Contact

Name: Giselle Creeser **Phone Number:** 703-883-7444
Company: ISAT US Inc. **Fax Number:** 202-248-5177
Street: 1101 Connecticut Avenue NW **E-Mail:** giselle.creeser@inmarsat.com
 Suite 1200
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 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 CGV – Fixed Satellite VSAT System

5. Type Request

Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

7. City

8. Latitude
(dd mm ss.s h) 0 0 0.0 N

9. State	10. Longitude (dd mm ss.s h) 0 0 0.0 W
11. Please supply any need attachments. Attachment 1: Exhibit A	Attachment 2: Attachment 3: 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;"> <p>ISAT US seeks an STA to support Hurricane Maria recovery operations. See Exhibit A.</p> </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"; party to the application; for these purposes.	<p style="text-align: right;">Yes <input checked="" type="radio"/> No <input type="radio"/></p>
14. Name of Person Signing Giselle Creeser	15. Title of Person Signing Director, Regulatory
<p style="text-align: center;">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).</p>	

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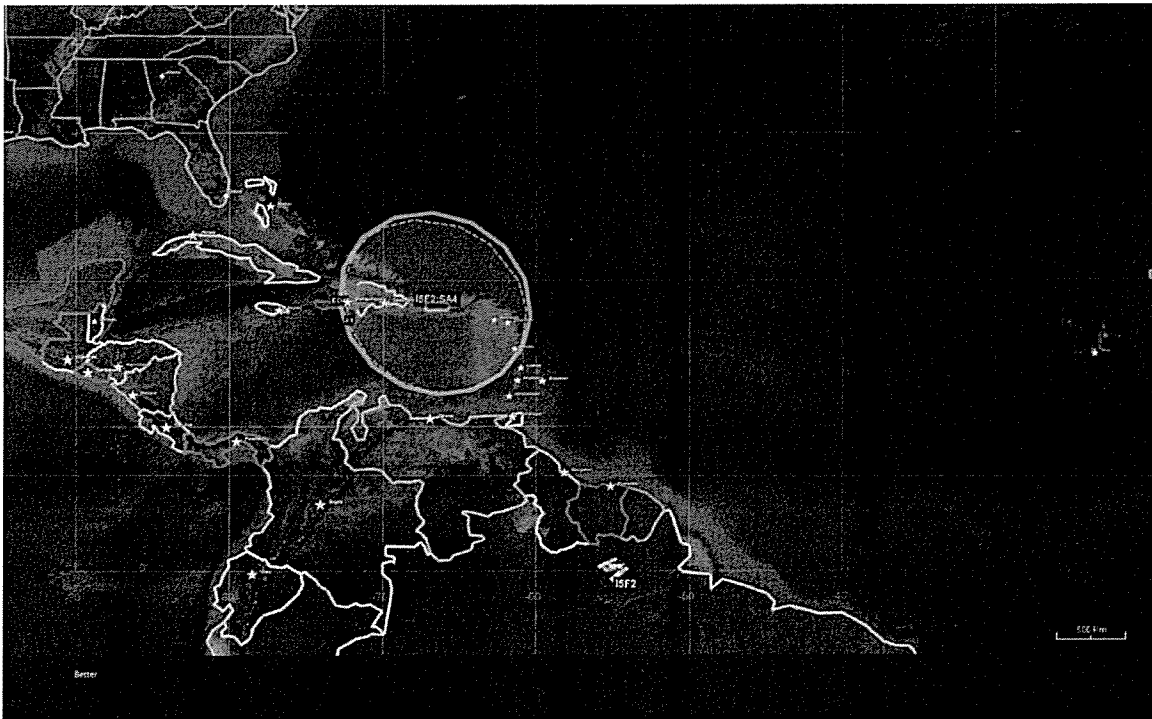
Exhibit A

I. DESCRIPTION OF STA REQUEST

ISAT US, Inc. (“ISAT US”) hereby files this request for regular special temporary authority (“STA”) to follow up the verbal STA granted by the Commission, with conditions, for a period beginning 10/2/2017 and ending 11/1/2017. See the attached confirmation of the grant of the verbal STA request.

The STA requested in this application would authorize ISAT to operate all terminals licensed under blanket earth station license call signs E140114, E140029 and E150097 to communicate with the Inmarsat 5F2 satellite located at 55° W. L. on its HCC beam that has been located as shown below.

This authorization will be used to continue supporting recovery operations from Hurricanes Irma and Maria in the Caribbean using the 29.25-29.35 GHz band (Earth-to-space) and the 19.45-19.55 GHz band (space-to-Earth).



II. ISAT US SEEKS AUTHORITY TO OPERATE BLANKET-LICENSED TERMINALS ON ADDITIONAL FREQUENCY BANDS (29.25-29.35 GHz/19.45-19.55GHz)

ISAT US is already licensed to operate terminals under blanket earth station license call signs E140114, E140029 and E150097 in the 29.5-30 GHz uplink bands and the 19.7-20.2 GHz downlink bands. For emergency support operations in the Caribbean, ISAT US seeks an STA to operate also in the following additional frequency bands: 29.25-29.35 GHz (uplink) and 19.45-19.55 GHz (downlink). The terminals operated in these additional frequencies will operate using the same technical parameters, e.g. polarization, EIRP density level, as contained in the relevant license for each of the terminal types.

The 24 Hour Point of Contact during the STA is the Inmarsat Network Control Center that can be reached at +44 207 728 1616.

Because Iridium operates in the 29.25-29.3 GHz band from its Arizona site, ISAT already has provided notice of the verbal STA to Iridium, noting that, given the wide geographic separation, there should be no impact on Iridium's operations. In any event, ISAT US requests this STA on the condition that all operations under the STA are on an unprotected and non-harmful interference basis.