

S2110 SAT-STA-20110311-00052 IB2011000752
Iridium Satellite LLC

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Callsign:



File # SAT-STA-20110311-00052
Call Sign S2110 Grant Date 03/11/11
(or other identifier)
Term Dates
From 03/11/11 To: 03/18/11

Approved by OMB
3060-0678

Approved: *Stephen J. Duall*
Stephen J. Duall
Chief, Satellite Policy Branch

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Iridium STA Request for Japan Earthquake


1. Applicant

Name:	Iridium Satellite LLC	Phone Number:	703-287-7400
DBA Name:		Fax Number:	703-287-7450
Street:	1750 Tysons Boulevard Suite 1400	E-Mail:	donna.murphy@iridium.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -
Attention:	Donna Bethea-Murphy		

**Conditions to Grant
Iridium Satellite LLC
IBFS File. SAT-STA-20110311-00052
March 11, 2011**

The request of Iridium Satellite LLC (Iridium) for special temporary authority (STA), IBFS File No. SAT-STA-20110311-00052, IS GRANTED. Accordingly, Iridium is authorized from March 11, 2011, to March 18, 2011, to test and then to operate its Mobile Satellite Service (MSS) in the 1.775 MHz of spectrum from 1616-1617.775 MHz in accordance with the terms, conditions, and technical specifications set forth in the Commission's rules and this document.

1. Iridium must operate in the 1616-1617.775 MHz frequency band on a non-harmful interference basis with respect to any other allocated radio service in that band, *i.e.*, Iridium shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating satellites. In the event Iridium is notified of such interference, it must immediately inform the Commission, in writing, of such an event.
2. Iridium shall work with Globalstar to minimize any impact of emergency operations authorized under this grant of STA on the Globalstar network.
3. Any action taken or expense incurred as a result of operations pursuant to this special authority is solely at Iridium's own risk.
4. Iridium shall maintain the capability of suspending operations in the 1616-1617.775 MHz band, upon notice from the Commission, within 24 hours.
5. 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.
6. 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.

 GRANTED* International Bureau *with conditions	File # <u>SAT-STA-20110311-00052</u>
	Call Sign <u>S2110</u> Grant Date <u>03/11/11</u> (or other identifier)
	Term Dates From <u>03/11/11</u> To: <u>03/18/11</u>
	Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact	
Name: Jennifer Hindin	Phone Number: 202-719-4975
Company: Wiley Rein LLP	Fax Number: 202-719-7049
Street: 1776 K Street, NW	E-Mail: jhindin@wileyrein.com
City: Washington	State: DC
Country: USA	Zipcode: 20006 -
Attention:	Relationship: Legal Counsel
(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 CXW - Space Station (Non-Geostationary)	
5. Type Request	
<input type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date <input checked="" type="radio"/> Other
6. Temporary Orbit Location	7. Requested Extended Expiration Date

<p>8. 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.)</p> <div style="border: 1px solid black; padding: 5px;"> <p>Iridium Satellite LLC respectfully requests special temporary authority for 7 days to test and then commence Mobile Satellite Service in the 1616.0-1617.775 MHz band to accommodate the dramatic increase in demand for voice and data communications services in support of relief efforts following the earthquake in Japan.</p> </div>					
<p>9. 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.</p> <p style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </p>					
<p>10. Name of Person Signing Donna Bethea-Murphy</p>	<p>11. Title of Person Signing Vice President, Regulatory Engineering</p>				
<p>12. Please supply any need attachments.</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Attachment 1: Attachment</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td></td> <td>Attachment 3:</td> </tr> </table>		Attachment 1: Attachment	Attachment 2:		Attachment 3:
Attachment 1: Attachment	Attachment 2:				
	Attachment 3:				
<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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March 11, 2011

Jennifer D. Hindin
202.719.4975
jhindin@wileyrein.com

VIA ELECTRONIC FILING

Hon. Julius Genachowski
Chairman
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Iridium Satellite LLC
Request for Special Temporary Authorization to Test and Commence
Mobile Satellite Service in the 1616-1617.775 MHz Band

Dear Chairman Genachowski:

Iridium Satellite LLC (“Iridium”), by its attorneys and pursuant to 25 C.F.R. § 25.120, hereby requests Special Temporary Authorization (“STA”), for 7 days, to test and then commence Mobile Satellite Service (“MSS”) in the 1616-1617.775 MHz band. Grant of the requested STA will serve the public interest in accommodating the anticipated dramatic increase in demand for voice and data communications services in support of emergency response efforts following the recent earthquake in Japan. Additionally, grant will allow the continued monitoring of tsunami after-effects in other areas, including Hawaii and the west coast of the United States.¹ It will also facilitate communications in the event of earthquake aftershocks and additional tsunamis. This STA request is similar to the requests the Commission granted following Hurricanes Katrina and Rita and the earthquake in Haiti.

As the FCC is aware, the recent earthquake in Japan has caused extraordinary devastation, including damage to communications infrastructure in the region. Public safety officials, relief organizations, businesses and the public urgently need

¹ A widespread tsunami warning is in effect throughout the Pacific. See the National Oceanic and Atmospheric Administration (“NOAA”) National Weather Service, Pacific Tsunami Warning Center at <http://www.weather.gov/ptwc/>. Iridium’s satellite service is an integral part of NOAA’s tsunami monitoring system. See NOAA, National Data Buoy Center, Deep-ocean Assessment and Reporting of Tsunamis (DART®) Description at <http://www.ndbc.noaa.gov/dart/dart.shtml>.



Hon. Julius Genachowski

March 11, 2011

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reliable voice and data communications services as they respond to the crisis. Iridium's mobile satellite service is ideally suited to meet this need and indeed, is already providing vital service to emergency response teams and organizations in Japan. In fact, many emergency vehicles in Japan are already pre-positioned with Iridium equipment.

Iridium's current MSS allocation in the 1617.775-1626.5 MHz band is expected to prove insufficient to handle growing call volumes beginning this weekend and continuing through the next week. Particularly because of the existing heavy presence of Iridium equipment in Japan, a strong surge in demand for capacity is expected over the weekend as relief efforts continue and expand. In addition, Iridium expects a usage spike as additional phones are brought into the area. As a result, Iridium expects its current spectrum allocation may reach maximum congestion very soon, thus causing the satellites to be overloaded and potentially calls to be dropped.

To meet anticipated extraordinary demand, Iridium seeks to utilize the 1616-1617.775 MHz band for 7 days beginning immediately so that Boeing can begin testing. Upon successful conclusion of the tests this weekend, Iridium plans to commence service. Because of the strong surge in demand expected this weekend, Iridium respectfully requests grant of this STA request by the end of the business day today.

Please direct any questions regarding this matter to Donna Bethea Murphy or the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Jennifer D. Hindin".

Jennifer D. Hindin
Counsel to Iridium Satellite LLC

cc: Bob Nelson
Karl Kensinger
Cassandra Thomas
Kathyrn Medley