

AMSC-1 SAT-STA-20170112-00004 IB2017000114  
Ligado Networks Subsidiary LLC  
MSAT-2



\*with conditions

File # SAT-STA-20170112-00004

Call Sign AMSC-1 Grant Date 01/18/17

(or other identifier)

Term Dates period of

From 01/18/17 To: 60 days

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

Date & Time Filed: Jan 12 2017 7:11:45:743PM  
File Number: SAT-STA-20170112-00004  
Callsign:

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

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


1. Applicant

<b>Name:</b>	Ligado Networks Subsidiary LLC	<b>Phone Number:</b>	703-390-2004
<b>DBA Name:</b>		<b>Fax Number:</b>	703-390-6113
<b>Street:</b>	10802 Parkridge Blvd	<b>E-Mail:</b>	valerie@ligado.com
<b>City:</b>	Reston	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	20191 -
<b>Attention:</b>	Ms. Valerie Green		

**ATTACHMENT TO GRANT**  
**Ligado Networks Subsidiary LLC**  
**IBFS File No. SAT-STA-20170112-00004**

<b>IBFS File No(s):</b>	SAT-STA-20170112-00004	<p><b>GRANTED – With Conditions</b></p>  <p><b>International Bureau Satellite Division</b></p>
<b>Licensee/Grantee:</b>	Ligado Networks Subsidiary LLC (Ligado)	
<b>Call Sign:</b>	AMSC-1	
<b>Satellite Name:</b>	MSAT-2	
<b>Orbital Location: (required station-keeping tolerance)</b>	103.3° W.L. (+/- 1 0.05° East-West, 0.05° North-South)	
<b>Administration:</b>	United States of America	
<b>Nature of Service:</b>	Mobile-satellite service	
<b>Scope of Grant:</b>	Special temporary authority to operate for 60 days after end of license term	
<b>Previous Grant(s):</b>	See Call Sign AMSC-1	
<b>Service Area(s):</b>	Conterminous United States, Alaska, Hawaii, Canada	
<b>Frequencies:</b>	<p><u>Service Links</u>  1530-1544 MHz (space-to-Earth)  1545-1559 MHz (space-to-Earth)  1631.5-1645.5 MHz (Earth-to-space)  1646.5-1660.5 MHz (Earth-to-space)</p> <p><u>Feeder Links</u>  10.75-10.95 GHz (space-to-Earth)  13-13.15 GHz (Earth-to-space)  13.2-13.25 GHz (Earth-to-space)</p> <p><u>Telemetry, Tracking, and Command Center Frequencies</u>  11.7005 GHz (space-to-Earth)  11.701 GHz (space-to-Earth)  14.0005 GHz (Earth-to-space)  14.4995 GHz (Earth-to-space)</p>	
<p><b>Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions:</b></p> <ol style="list-style-type: none"> <li>1. Ligado must comply with all terms and conditions cumulatively applied to operation of the MSAT-2 space station under its most recent license modification, IBFS File Nos. SAT-MOD-20151218-00083 and SAT-AMD-20151231-00088.</li> <li>2. In addition, Ligado must not cause harmful interference to, and must not claim protection from harmful interference caused by, any other lawfully operating station, except as necessary for emergency telemetry, tracking, or command operations.</li> </ol>		
<p>Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.</p> <p>This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.</p> <p>Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).</p>		
<b>Action Date:</b>	January 18, 2017	

**ATTACHMENT TO GRANT**  
Ligado Networks Subsidiary LLC  
IBFS File No. SAT-STA-20170112-00004

<b>Term Dates</b>	<b>From:</b> January 18, 2017	<b>To:</b> period of 60 days
<b>Approved:</b>  Stephen J. Duall Chief, Satellite Policy Branch		

2. Contact

<b>Name:</b>	John P. Janka	<b>Phone Number:</b>	202-637-2200
<b>Company:</b>	Latham & Watkins LLP	<b>Fax Number:</b>	202-637-2201
<b>Street:</b>	555 Eleventh Street, NW Suite 1000	<b>E-Mail:</b>	john.janka@lw.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20004 -
<b>Attention:</b>		<b>Relationship:</b>	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 SATMOD2017011200003 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    CRY – Space Station (Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       Other

6. Temporary Orbit Location

7. Requested Extended Expiration Date

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.)

See Exhibit A.

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.  Yes  No

10. Name of Person Signing  
Valerie Green

11. Title of Person Signing  
CLO, General Counsel & Secretary

12. Please supply any need attachments.

Attachment 1: Exhibit A

Attachment 2:

Attachment 3:

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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## Exhibit A

### Request for Special Temporary Authority

Ligado Networks Subsidiary LLC (“Ligado”) hereby requests special temporary authority (“STA”) to facilitate continued operation of the MSAT-2 space station (Call Sign AMSC-1) for 60 days, or until such time as Ligado’s pending application to extend the license term for MSAT-2 (the “Extension Application”) is granted (whichever is earlier).<sup>1</sup> STA is necessary because Ligado inadvertently failed to file the Extension Application prior to December 31, 2016, the date to which the license term for MSAT-2 was most recently extended.<sup>2</sup> Upon discovery of this oversight, Ligado immediately proceeded to file the Extension Application (including a Petition for Reinstatement) and this request for STA.<sup>3</sup>

Ligado’s pending Extension Application seeks continued authority for Ligado to operate MSAT-2. The license for MSAT-2 was initially granted in 1989, and the initial license term for MSAT-2 would have expired on December 31, 2011. In each of the last five years, Ligado has diligently filed requests to modify the license to extend its term for an additional year. The Commission has granted each such extension request, implicitly recognizing that the public interest is served by the ongoing operations of MSAT-2. Among other things, MSAT-2 continues to support customers and provide a suitable back-up for SkyTerra 1, the replacement satellite for MSAT-2.<sup>4</sup>

Grant of the requested STA would be consistent with the Commission’s grant of previous extension requests filed by Ligado, which implicitly recognized that the public interest is served by the continued ability of MSAT-2 to operate.<sup>5</sup> Accordingly, Ligado reiterates its request that the Commission grant the requested STA for 60 days, or until such time as the Extension Application is granted (whichever is earlier).

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<sup>1</sup> See IBFS File No. SAT-MOD-20170112-00003 (“Extension Application”).

<sup>2</sup> See IBFS File No. SAT-MOD-20151218-00083.

<sup>3</sup> Under Section 25.120(a) of the Commission’s rules, a request for STA must be submitted 3 working days prior to the date of proposed operation, except where there are “extraordinary reasons” for delay. See 47 C.F.R. § 25.120(a). Ligado submits that such reasons are present here given that Ligado: (i) intended to file the Extension Application at an earlier date; (ii) only recently discovered its failure to do so; and (iii) could not have filed this request for STA prior to such discovery. See generally Extension Application, Exhibit E.

<sup>4</sup> See Annual Satellite Status Report, Call Signs AMSC-1 and S2358 (June 29, 2012) (documenting the transition of SkyTerra 1 customers to MSAT-2 when unusually intense solar activity temporarily impacted operations of SkyTerra 1).

<sup>5</sup> See IBFS File Nos. SAT-MOD-20111128-00028; SAT-MOD 20121128-00203; SAT-MOD-20131204-00143; SAT-MOD-20141212-00128; SAT-MOD-20151218-00083.