

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for STA Using Hagerstown, Maryland Earth Station KA258 for JCSAT-15 LEOP Services

1. Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat Corporation 7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:	Susan H. Crandall		


30 days "with conditions"

File# SES-STA-20161130-00920

Call Sign KA258 Grant Date 12/20/2016
(or other identifier)

Term Dates
From 12/21/2016 To: 01/19/2017

Approved: Paul E. [Signature]



Application: Intelsat License LLC
File No.: SES-STA-20161130-00920
Call Sign: KA258
Special Temporary Authority

Intelsat License LLC is granted a Special Temporary Authority ("STA"), under the following conditions, for 30 days, beginning December 24, 2016, to operate its Ku-band earth station, call sign KA258, in Hagerstown, Maryland, to provide launch and early orbit phase ("LEOP") services for the JCSAT-15 satellite at permanent orbital location and in-orbit location at 110 ° E.L., licensed by Japan. The launch is expected to be on December 24, 2016.

1. Intelsat License LLC, will perform the operations in the uplink frequencies (Earth-to-space): 13750.50 MHz and 13754.50 MHz (Linear V or LHCP) and the downlink frequencies (space-to-Earth): 12201 MHz and 12203 MHz (Linear H or RHCP) within coordinated emission, antenna size and power limits. The maximum EIRP shall not exceed 85 dBW per NTIA manual US 356.
2. All operators of satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, Currently the 24x7 contact information for the JCSAT-15 mission is as follows: Ph.: (703) 559-7701 - East Coast Operations Center (primary); (310) 525-5591 - West Coast Operations Center (back-up). Request to speak with Harry Burnham or Kevin Bell.
3. Operations, shall not cause harmful interference to or claim protection from other lawfully operating stations and it shall cease transmission(s) immediately upon notice of such interference.
4. In the event of any harmful interference under this grant of STA, Intelsat License LLC, must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC's applications.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License LLC's risk.
7. Operations in the 13.75-14.00 GHz band may only exceed 85 dBW/carrier if an emergency situation exists and the applicant must notify FCC OperationCenter@fcc.gov of the situation with a copy to paul.blais@fcc.gov and jimmy.nguyen@us.af.mil.
8. 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.

"With conditions"

	File # <u>SES-STA-20161130-00920</u>
GRANTED International Bureau	Call Sign <u>KA258</u> Grant Date <u>12/20/2016</u> (or other identifier)
	Term Dates From <u>12/21/2016</u> To: <u>01/19/2017</u>
	Approved: <u>Paul E. Blais</u>



INTELSAT.

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November 30, 2016

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing December 24, 2016, to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide launch and early orbit phase (“LEOP”) services for the JCSAT-15 satellite. JCSAT-15 is expected to be launched on December 24, 2016.² Intelsat expects the LEOP period to last approximately ten days.³

The JCSAT-15 LEOP operations will be performed at the following frequencies: 13750.5 MHz and 13754.5 MHz in the uplink (Linear V or LHCP), and 12201.0 MHz and 12203.0 MHz in the downlink (Linear H or RHCP). The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the JCSAT-15 LEOP mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In further support of this request, Intelsat herewith attaches Exhibits A and B, which contain a 13.75-14.0 GHz analysis and a waiver request.

¹ Intelsat has filed its STA request, an FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² The permanent orbital location and in-orbit testing location for JCSAT-15, which Intelsat understands is licensed by Japan, will be at 110.0° E.L.

³ Intelsat is seeking 30 days to accommodate a possible launch delay.

⁴ SSL, the manager of the JCSAT-15 LEOP mission, will handle the coordination.

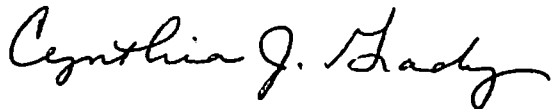
Ms. Marlene H. Dortch
November 30, 2016
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Finally, Intelsat clarifies that during the JCSAT-15 LEOP mission, SSL will serve as the mission manager. SSL will build and send the commands to the Intelsat antenna, which will process and execute the commands. Telemetry received by Intelsat will be forwarded to SSL. Intelsat will perform the ranging sessions by sending a tone to the spacecraft periodically. Intelsat will remain in control of the baseband unit, RF equipment, and antenna.

Grant of this STA request will allow Intelsat to help launch the JCSAT-15 satellite. This, in turn, will help provide continuity of services from the 110.0° E.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

A handwritten signature in cursive script that reads "Cynthia J. Grady".

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais

2. Contact	
Name: Cynthia J. Grady	Phone Number: 703-559-6949
Company: Intelsat Corporation	Fax Number: 703-559-8539
Street: 7900 Tysons One Place	E-Mail: cynthia.grady@intelsat.com
City: McLean	State: VA
Country: USA	Zipcode: 22102 -5972
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 CGX – Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City Hagerstown	8. Latitude (dd mm ss.s h) 39 35 54.0 N

9. State MD	10. Longitude (dd mm ss.s h) 77 45 33.0 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibit A Attachment 3: Exhibit B	
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;">Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days, commencing December 24, 2016, to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the JCSAT-15 satellite. JCSAT-15 is expected to be launched on December 24, 2016.</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 Cynthia J. Grady	15. Title of Person Signing Regulatory Counsel, Intelsat Corporation
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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