

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Special Temporary Authority Using Hagerstown, Maryland Earth Station KA258

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		



"with conditions"

File # SES-STA-20151218-00954

Call Sign KA258 Grant Date 01/21/2016
(or other identifier)

Term Dates
From 01/25/2016 To 02/24/2016

Approved: Paul E. Hiles

Application: Intelsat License LLC
File No.: SES-STA-20151218-00954
Call-Sign: KA258
Special Temporary Authority (STA)



File # SES-STA-20151218-00954

Call Sign KA258 Grant Date 01/21/2016
(or other identifier)

Term Dates
From 01/25/2016 To: 02/24/2016

Approved: Paul E. Hines

Intelsat License LLC is granted a STA, under the following conditions, for 30 days, beginning January 25, 2016, to use its Hagerstown, Maryland Ku-band earth station, call-sign: KA258, to provide launch and early orbit phase ("LEOP") services for the Eutelsat-E9B satellite at permanent orbital location 9° E.L., licensed by France. The in-orbit testing location will be 2.20° E.L. The launch is expected to be on January 25, 2016.

1. Uplink (Earth-to-space) frequencies will be on 14250.00 MHz and 14499.00 MHz (RCHP or LCHP) within the coordinated emission and power limits.
2. Downlink (space-to-Earth) frequencies will be on 11701.20 MHz, 11703.40 MHz, 12498.00 MHz and 12499.00 MHz (RCHP or LCHP).
3. Operations under this STA authorization is only for its Hagerstown, Maryland teleport to provide launch and early orbit phase (LEOP) services for the Eutelsat-E9B satellite.
4. 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 Eutelsat-E9B 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.
5. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat License LLC's shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
6. 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.
7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
8. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License LLC's risk.
9. 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.

Ms. Marlene H. Dortch
December 18, 2015
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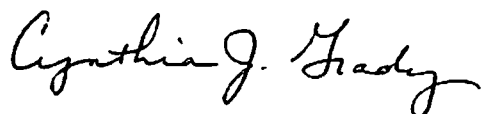
station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility before launch. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference. Intelsat also notes that for purposes of the Eutelsat E9B LEOP mission, it is seeking to operate in the frequencies listed in this request at power levels not to exceed 22.9 dBW.

Finally, Intelsat clarifies that during the Eutelsat E9B launch, Airbus will serve as the mission manager. Airbus 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 Airbus. 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 Eutelsat E9B satellite. This, in turn, will help provide video services at the 9.0° 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,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais



INTELSAT.

Envision. Connect. Transform.

December 18, 2015

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 January 25, 2016, to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide launch and early orbit phase (“LEOP”) services for the Eutelsat E9B satellite. Eutelsat E9B is expected to be launched on January 25, 2016.² The LEOP period is expected to last approximately 10 days.³

The Eutelsat E9B LEOP operations will be performed in the following frequencies: 14250.0 MHz and 14499.8 MHz (LHCP and RHCP) in the uplink, and 11701.2 MHz, 11703.4 MHz, 12498.0 MHz and 12499.00 MHz in the downlink (LHCP and 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 Eutelsat E9B 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 a waiver request. Intelsat is in the process of coordination and will provide technical information that demonstrating that the operation of the earth

¹ Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² The permanent orbital location for Eutelsat E9B, which Intelsat understands is licensed by France, will be at 9.0° E.L. The in-orbit testing location will be 2.2° E.L.

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

⁴ Airbus, the manager of the Eutelsat E9B mission, will handle the coordination.

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?

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 CGX - Fixed Satellite Transmit/Receive Earth Station

5. Type Request

Use Prior to Grant

Change Station Location

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:	
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 January 25, 2016, to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the Eutelsat E9B satellite. Eutelsat E9B is expected to be launched on January 25, 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. <div style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </div>	
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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