


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 KA275

I. 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-20150717-00460
Call Sign KA275 **Grant Date** 08/18/2015
(or other identifier)
Term Dates
From 08/20/2015 **To** 09/18/2015
Approved: *Paul E. Hales*



Applicant: Intelsat License LLC
Call Sign: KA275
File No.: SES-STA-20150717-00460
Special Temporary Authority (STA)

Intelsat License LLC ("Intelsat") is granted a Special Temporary Authority ("STA"), for 30 days, beginning August 20, 2015, to use its Hagerstown, Maryland C-band earth station, Call Sign KA275, to conduct launch and early orbit phase (LEOP) services and provide telemetry, tracking, and control (TT&C) functions during in-orbit testing (IOT) at 51.5° W.L. The satellite is expected to be launched on August 20, 2015. Intelsat 34, satellite permanent orbital location is 55.5° W.L. The LEOP and TT&C operations during IOT will be under the following conditions:

1. Intelsat License LLC- will perform the operations in the uplink frequencies (Earth-to-space): 6173.7 MHz and 6176.3 MHz (LHCP) and the downlink frequencies (space-to-Earth): 3949.0 MHz, 3949.5 MHz, 3950.5 MHz, and 3951 MHz (RHCP) within the coordinated emission and power limits.
2. Intelsat License LLC- will coordinate the proposed IOT operations at IOT location 51.5° W.L. with operators of co-frequency satellites. During the drifts from 51.1° W.L. to the satellite's permanent orbital location 55.5° W.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.
3. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. 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. Currently the 24x7 contact information for the Intelsat 34 satellite LEOP mission is as follows: Ph.: (703) 559-7701 –East Coast Operations Center (primary); (310) 525-5591- West Coast Operations Center (back-up). Requests to speak with Harry Burnham or Kevin Bell.
4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's KA275 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system and it shall cease transmission(s) immediately upon notice of such interference.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC- applications.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.

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 upon release.



30 days
"with conditions"
File # SES-STA-20150717-00460
Call Sign KA275 Grant Date 08/18/2015
(or other identifier)
From 08/20/2015 Term Date 09/18/2015
Approved: *Paul E. Hoop*



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July 17, 2014

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 KA275

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing August 18, 2015, to use its Hagerstown, Maryland C-band earth station—call sign KA275—to provide launch and early orbit phase (“LEOP”) services for Intelsat 34,² which is expected to be launched on August 18, 2015. The LEOP period is expected to last approximately 10 days.³

The proposed operations will be performed using the following frequencies: 6173.7 MHz and 6176.3 MHz in the uplink (LHCP), and 3949.0 MHz, 3949.5 MHz, 3950.5 MHz, and 3951 MHz in the downlink (RHCP). The proposed 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 potentially affected satellites 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 Intelsat 34 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 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.

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 See *Policy Branch Information; Actions Taken*, Report No. SAT-01064, File No. SAT-LOA-20140114-00005 (Jan. 23, 2015) (Public Notice).

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

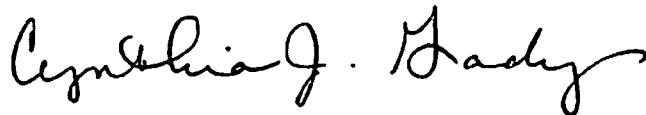
⁴ Intelsat will handle the coordination.

Ms. Marlene H. Dortch
July 17, 2014
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Grant of this STA request will allow Intelsat to help launch the Intelsat 34 satellite. This, in turn, will help ensure continuity of service at the 55.5° W.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". The signature is written in black ink and is positioned above the typed name and title.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais



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August 14, 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 KA275
File No. SES-STA-20150717-00460

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein supplements its above referenced request for Special Temporary Authority ("STA"). Specifically, Intelsat is supplying the relevant coordination report, attached as Exhibit A, updating the launch date, and correcting the language in the STA to include telemetry, tracking, and command ("TT&C") during in-orbit testing ("IOT") and during the drift of the Intelsat 34 satellite to its final location. Accordingly, the first paragraph should now read:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA") for 30 days, commencing August 20, 2015, to use its Hagerstown, Maryland C-band earth station—call sign KA275—to provide launch and early orbit phase ("LEOP") services for Intelsat 34, telemetry, tracking, and command ("TT&C") during in-orbit testing ("IOT") at 51.5° W.L, and TT&C during the drift of Intelsat 34 to its final location at 55.5° W.L. Intelsat 34 is expected to be launched on August 20, 2015. The LEOP period is expected to last approximately 10 days, the IOT is expected to last approximately 30 days and the drift is expected to last approximately 10 days.

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

Sincerely,

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?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (sec 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: 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;"> <p>Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days, commencing August 18, 2015, to use its Hagerstown, Maryland C-band earth station, call sign KA275, to provide launch and early orbit phase services for Intelsat 34, which is expected to be launched on August 18, 2015.</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" 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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