

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

**1. Applicant**

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


30 days "With conditions"

File # SES-STA-20151016-00766

Call Sign KA258 Grant Date 10/27/2015  
(or other identifier)

Term Dates  
From 11/04/2015 To 12/03/2015

Approved: Paul E. Hayes



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.

*30 days*

*"With conditions"*



File # SES-STA-2015/016-00766

Call Sign KA258 Grant Date 10/27/2015  
(or other identifier)

Term Dates  
From 11/04/2015 To 12/03/2015

Approved: Paul E. Hieb

Application: Intelsat License LLC  
Call Sign: KA258  
File No.: SES-STA-20151016-00766  
Special Temporary Authority (STA)

Intelsat License LLC is granted a STA, under the following conditions, for 30 days, beginning November 4, 2015, to operate its Ku-band earth station, call sign KA258, in Hagerstown, Maryland, to conduct telemetry, tracking, and command ("TT&C") operations with the Intelsat 16 satellite (S2750) to drift the space station from the 76.2° W.L. orbital location to the 58.1° W.L. Intelsat 16 (S2750) is expected to begin drifting on November 4, 2015.

1. Intelsat will perform the operations in the uplink frequencies (Earth-to-space): 13997.50 MHz and 14499.50 MHz and the downlink frequencies (space-to-Earth): 12198.25 MHz and 12198.75 MHz, within coordinated emission and power limits. The maximum EIRP shall not exceed 85 dBW per NTIA manual US 356.
2. During the drift from 76.2° W.L. to the satellite's permanent orbital location 58.1° W.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.
3. 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 Intelsat 30 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.
4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's KA258 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
5. In the event of any harmful interference under this grant of STA, Intelsat License LLC KA258 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
6. 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.
8. Operations in the 13.75-14.0 GHz band may only exceed 85 dBW/carrier if an emergency situation exists and the applicant must notify [FCCOperationCenter@fcc.gov](mailto:FCCOperationCenter@fcc.gov) of the situation with a copy to [paul.blais@fcc.gov](mailto:paul.blais@fcc.gov).

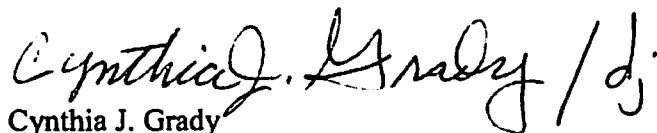
Ms. Marlene H. Dortch  
October 16, 2015  
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terrestrial facility, or into Federal systems operating in the 13.75 -14.00 GHz band. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA request will allow Intelsat to drift the Intelsat 16 satellite to its new location. This, in turn, will help satisfy customer demand at 58.1° 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 / dj".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais



**INTELSAT.**

*Envision. Connect. Transform.*

October 16, 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”)<sup>1</sup> for 30 days, commencing November 4, 2015, to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 16 (S2750) during its drift from 76.2° W.L. to 58.1° W.L.<sup>2</sup> Intelsat 16 is expected to begin drifting on November 4, 2015. The drift is expected to take ten weeks.

TT&C operations will be performed in the following frequencies: 12198.25 MHz, 12198.75 MHz, 13997.5 MHz, and 14499.5 MHz. The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.<sup>3</sup> 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 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 hereby attaches Exhibit A, which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating

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<sup>1</sup> 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”).

<sup>2</sup> See *Intelsat License LLC, Request for Special Temporary Authority to Drift and Operate Intelsat 16 at 58.1° W.L.*; Call Sign S2750, File No. SAT-STA-20150925-00066 (filed Sept. 25, 2015). See also *Intelsat License LLC, Request for Special Temporary Authority to Drift and Operate Intelsat 16 at 58.1° W.L.*; Call Sign S2750, File No. SAT-STA-20150925-00067 (filed Sept. 25, 2015).

<sup>3</sup> Intelsat will handle the coordination.