

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Further Extension of 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		


60 days "with conditions"

File # SES-STA-20141217-00903

Call Sign KA 258 Grant Date 01/15/2015  
(or other identifier)

Term Dates From 01/15/2015 To: 03/15/2015

Approved: [Signature]



**GRANTED**  
International Bureau

Application: Intelsat License LLC  
Call Sign: KA258  
File No.: SES-STA-20141217-00903  
Special Temporary Authority (STA)

Intelsat License LLC is granted a STA extension from SES-STA-20141112-00855, to provide launch and early orbit phase ("LEOP") services for Intelsat 30, Cal Sign KA258. Also to provide telemetry, tracking, and control ("TT&C") services at the in-orbit testing ("IOT") location, 132.0° W.L, and to drift the satellite from the IOT location to Intelsat 30's final location at 95.05° W.L. Finally, Intelsat requests that this STA extension include the ability to continue providing TT&C services to Intelsat 30 at its permanent location of 95.05° W.L. The LEOP and TT&C operations during IOT will be under the following conditions:


1. Intelsat will perform the operations in the uplink frequencies (Earth-to-space): 13750.50 MHz and 14003.50 MHz (LHCP) and the downlink frequencies (space-to-Earth): 11198.00MHz, 11198.50MHz, 11199.25MHz and 11199.75 MHz (RHCP) within coordinated emission and power limits. The maximum EIRP shall not exceed 85 dBW per NTIA manual US 356.
2. During the drift from 132.0° W.L. to the satellite's permanent orbital location 95.05° 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 30 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.
4. Operations, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
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 copy to [paul.blais@fcc.gov](mailto:paul.blais@fcc.gov).

9. This action is issued pursuant to Section 0.26 1 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.

60 days

"with conditions"

 <b>GRANTED</b> International Bureau	File# <u>SES-5TA-20141217-00903</u>
	Call Sign <u>KA258</u> Grant Date <u>01/15/2015</u> (or other identifier)
	Term Dates From <u>01/15/2015</u> To <u>03/15/2015</u>
	Approved: <u>Paul E. Blais</u>

**2. Contact**

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



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**THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.**

December 17, 2014

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

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

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days—from December 21, 2014 through February 18, 2015—of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to continue providing telemetry, tracking, and control (“TT&C”) services to Intelsat 30 at its permanent location of 95.05° W.L.<sup>2</sup> Intelsat has filed an application for a permanent modification to KA258 for TT&C operations at 95.05° W.L.<sup>3</sup>

Intelsat 30 arrived on-station at 95.05° W.L. on November 19, 2014. The satellite’s TT&C operations will continue to be performed using the following frequencies: 13750.50 MHz and 14003.50 MHz in the uplink (LHCP), and 11198.00 MHz, 11198.50 MHz, 11199.25 MHz, and 11199.75 MHz in the downlink (RHCP).

Intelsat will continue to coordinate with all operators of satellites that are potentially affected by these operations at the 95.05° W.L. location.<sup>4</sup> 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.

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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 *Satellite Communications Services Information; Actions Taken*, Report No. SES-01703, File No. SES-STA-20141112-00855 (Nov. 26, 2014) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01691, File No. SES-STA-20140917-00735 (Oct. 15, 2014) (Public Notice). The previous extension of STA included launch and early orbit phase (“LEOP”) services, TT&C services at Intelsat 30’s in-orbit testing (“IOT”) location, TT&C services during the drift of the spacecraft from its 132.0° W.L. IOT location to its final location at 95.05° W.L., and TT&C services on-station at 95.05° W.L. Because Intelsat 30 is now on-station at 95.05° W.L., Intelsat is only seeking further extension of STA for TT&C services at 95.05° W.L.

<sup>3</sup> See *Intelsat License LLC Request for Modification of Earth Station License KA258*, File No. SES-MFS-20141212-00891.

<sup>4</sup> Intelsat will continue to handle the coordination.

Ms. Marlene H. Dortch  
December 17, 2014  
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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)

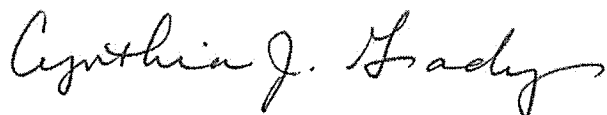
Request to speak with Harry Burnham or Kevin Bell.

In further support of this extension request, Intelsat incorporates by reference the Exhibit A submitted with its original STA request, 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 terrestrial facility. 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 Intelsat 30 mission, it is seeking to operate in the frequencies listed in this request at power levels not to exceed 22.9 dBW.

Grant of this STA further extension request will allow Intelsat to continue with the provision of TT&C services to the Intelsat 30 satellite at 95.05° W.L. which ensures safe station-keeping of the satellite. This, in turn, will help ensure continuity of service at the 95.05° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-8539.

Respectfully submitted,



Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais