

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-2015-0427-00279

Call Sign KA 258 Grant Date 05/12/2015  
(or other identifier)

Term Dates From 05/20/2015 To: 06/19/2015

Approved: *[Signature]*



30 days

Applicant: Intelsat License LLC  
Call Sign: KA258  
File No.: SES-STA-20150427-00279  
Special Temporary Authority (STA)

Intelsat License LLC ("Intelsat") is granted a Special Temporary Authority (STA), for 30 days, beginning May 20, 2015, to use its Hagerstown, Maryland Ku-band earth station, Call Sign KA258, to provide launch and early orbit phase (LEOP) services for SkyMexico-1/DIRECTV KU-79W satellite licensed by United States to its in-orbit test location at 77.5° W.L. on the center frequencies: (Earth-to-space) 14001 MHz and 14496.5 MHz (LHCP), and (space-to-Earth) 11700.75 MHz and 11702.25 MHz (RHCP), under the following conditions:

1. All operations must be within the coordinated emission and power limits.
2. 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 SkyMexico-1/DIRECTV KU-79W 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.
3. 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.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
5. This STA can only be used to provide launch and early orbit phase ("LEOP") services for the SkyMexico-1/DIRECTV KU-79W satellite.
6. 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.



File # SES-STA-20150427-00279  
Call Sign KA258 Grant Date 05/12/2015  
(or other identifier)  
Term Dates  
From 5/20/2015 To: 06/19/2015  
Approved: Paul E. Blair



April 27, 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 May 20, 2015, to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide launch and early orbit phase (“LEOP”) services for SkyMexico-1, also known as DIRECTV KU-79W, which is expected to be launched on May 20, 2015.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The proposed operations will be performed using the following frequencies: 14001.0 MHz and 14496.5 MHz in the uplink (LHCP), and 11700.75 MHz and 11702.25 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.<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.

The 24x7 contact information for the SkyMexico-1 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.

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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> The permanent orbital location and in-orbit testing location for SkyMexico-1 will be at 78.8° W.L. SkyMexico-1 has been licensed by the United States. See *Policy Branch Information; Actions Taken, Report No. SAT-01054, File No. SAT-MOD-20140902-00098* (Nov. 21, 2014) (Public Notice).

<sup>3</sup> Intelsat is seeking authority for 30 days to accommodate a possible launch delay.

<sup>4</sup> Orbital ATK, the manager of the SkyMexico-1 LEOP mission, will handle the coordination.

Ms. Marlene H. Dortch  
April 27, 2015  
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Grant of this STA request will allow Intelsat to help launch the SkyMexico-1 satellite. This, in turn, will provide high quality direct-to-home satellite service, including high-definition video at the 78.8° 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 blue ink that reads "Cynthia J. Grady". The signature is written in a cursive style with a long, sweeping tail on the letter "y".

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

<b>2. Contact</b>			
<b>Name:</b>	Susan H. Crandall	<b>Phone Number:</b>	703-559-7848
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	703-559-8539
<b>Street:</b>	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>		<b>Relationship:</b>	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:  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.)	<p>Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days, commencing May 20, 2015, to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for SkyMexico-1, also known as DIRECTV KU-79W, which is expected to be launched on May 20, 2015.</p>
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.	<p style="text-align: right;">Yes <input checked="" type="radio"/> No <input type="radio"/></p>
14. Name of Person Signing Cynthia J. Grady	15. Title of Person Signing Regulatory Counsel, Intelsat Corporation
<p style="text-align: center;">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).</p>	

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