

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Extension of STA Using Hagerstown, Maryland Earth Station KA258 to Provide LEOP Services for HispaSat-AG1 Satellite

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 *"EXTENSION WITH CONDITIONS"*

File # SES-STA-20170221-00189

Call Sign KA258 **Grant Date** 02/27/2017
(or other identifier)

Term Dates
From 02/29/2017 **To:** 03/28/2017

Approved: *Paul E. Blawie*




Application: Intelsat License LLC
File No.: SES-STA-20170221-00189
Call Sign: KA258
Special Temporary Authority

Intelsat License LLC is granted a special temporary authority extension from SES-STA-20170108-00013, for 30 days, beginning February 27, 2017, to operate its Ku-band earth station, call sign KA258, in Hagerstown, Maryland, to provide launch and early orbit phase (LEOP) services for the HispaSat-AG1 satellite licensed by Spain on the center frequencies: 14003.80 MHz and 14494.50 MHz (Earth-to-space) and 11452.00 MHz and 12749.00 MHz (space-to-Earth) 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 HispaSat-AG1 satellite 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.
3. All operations shall be on an unprotected and non-harmful interference basis, Intelsat License LLC, KA258, 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.
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 HispaSat-AG1 satellite.
6. 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 *"EXTENSION WITH CONDITIONS"*

 GRANTED International Bureau	File# <u>SES-STA-20170221-00189</u>
	Call Sign <u>KA258</u> Grant Date <u>02/27/2017</u> (or other identifier)
	Term Dates From <u>02/27/2017</u> To <u>03/28/2017</u>
	Approved: <u>Paul E. Klein</u>



February 21, 2017

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

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

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted Intelsat to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide launch and early orbit phase ("LEOP") services for the HispaSat-AG1 satellite.² HispaSat-AG1 was launched on January 27, 2017.³ The LEOP period is expected to last approximately 30 days.

The HispaSat-AG1 LEOP operations will continue to be performed at the following frequencies: 14003.8 MHz and 14494.5 MHz in the uplink (linear and circular polarizations), and 11452.0 MHz and 12749.0 MHz in the downlink (linear and circular polarizations). The LEOP operations will continue to 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 HispaSat-AG1 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.

In further support of this extension request, Intelsat incorporates by reference Exhibits A and B, which contain waiver requests. In the extremely unlikely event that harmful interference should occur due to

¹ Intelsat has filed this STA request, an FCC Form 159 and a \$200.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

² See *Satellite Communications Services information: Actions Taken*, Report No. SES-01923, File No. SES-STA-20170105-00013 (Jan. 25, 2017) (Public Notice).

³ The in-orbit testing location for HispaSat-AG1, which Intelsat understands is licensed by Spain, will be at 26.0° W.L. The final location of HispaSat-AG1 will be at 36.0° W.L.

⁴ OBH Systems, the manager of the HispaSat-AG1 mission, will handle the coordination.

Ms. Marlene H. Dortch
February 21, 2017
Page 2

transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Finally, Intelsat clarifies that during the HispaSat-AG1 LEOP mission, OBH Systems will serve as the mission manager. OBH Systems 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 OBH Systems. Intelsat will perform the ranging sessions by sending a tone to the spacecraft periodically. Intelsat will remain in control of the baseband unit, RF equipment, and antenna.

Grant of this STA extension request will allow Intelsat to help launch the HispaSat-AG1 satellite. This, in turn, will help provide additional capacity at the 36.0° 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,



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 (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: 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: 10px 0;"> IntelSat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted IntelSat to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the HispaSat-AG1 satellite. HispaSat-AG1 was launched on January 27, 2017. </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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PER, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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.