

KA275 SES-STA-20161017-00846 IE2016002281
Intelsat License LLC

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
30-Day Further Extension STA Using Hagerstown, MD Earth Station KA275 to Provide LEOP Services for Intelsat 33e Satellite

1. Applicant

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

File # SES-STA-20161017-00846
KA275 Grant Date 10-19-16
Call Sign (or other identifier)
Term Dates From: 10-26-16 To: 11-25-16
Approved: [Signature]



Applicant: Intelsat License LLC
File No.: SES-STA-20161017-00846
Call Sign: KA275
Special Temporary Authority



File # SES-STA-20161017-00846
Call Sign KA275 Grant Date 10-19-16
(or other identifier)
Term Dates
From: 10-26-16 To: 11-25-16
Approved: Paul E. Haas

Intelsat License LLC is granted a special temporary authority, extension from SES-STA-20160916-00790, under the following conditions, for 30 days, beginning October 26, 2016, to operate its C-band earth station, Call Sign KA275, located in, Hagerstown, Maryland, to provide launch and early orbit phase ("LEOP") services for the Intelsat 33e satellite, as it travels to its permanent orbital location 60° E.L. Communications will be on the following center frequencies: 6722.00 MHz, 6424.50 MHz, 5850.50 MHz and 5853.00 MHz (LHCP/V) in the (Earth-to-space), and 4197.25 MHz, 4197.75 MHz, 4198.25 MHz and 4198.75 MHz (LHCP/V) in the (space-to-Earth).

1. During the drift from 59.55° E.L. to the satellite's permanent orbital location 60.0° E.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.
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 Intelsat 33e 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 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.
4. In the event of any harmful interference under this grant of STA, Intelsat License, LLC, KA275 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License, LLC applications.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License, LLC's risk.
7. 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.

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?			
<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 55.0 N			

9. State	MD
10. Longitude (dd mm ss.s h)	77 45 35.0 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;"> <p>Intelsat License LLC herein requests an additional 30 days of the Special Temporary Authority previously granted Intelsat to use its Hagerstown, Maryland C-band earth station, call sign KA275, to provide launch and early orbit phase services for Intelsat 33e. Intelsat 33e was launched on August 24, 2016.</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.	<p style="text-align: center;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </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>	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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.



INTELSAT

Envision. Connect. Transform.

October 17, 2016

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 KA275

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Hagerstown, Maryland C-band earth station—call sign KA275—to provide launch and early orbit phase (“LEOP”) services for Intelsat 33e.² Intelsat 33e was launched on August 24, 2016.³ Due to a malfunction of the satellite’s main thruster the LEOP period is expected to take approximately three months.

The Intelsat 33e operations will continue to be performed using the following frequencies: 6722.00 MHz, 6424.5 MHz, 5850.5 MHz, and 5853.0 MHz in the uplink (LHCP/V); and 4197.25 MHz, 4197.75 MHz, 4198.25 MHz, and 4198.75 MHz in the downlink (LHCP/V). The LEOP 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 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 Intelsat 33e mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

¹ Intelsat has filed its STA request, an FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See *Satellite Communications Services information; Actions Taken*, Report No. SES-01890, File No. SES-STA-20160916-00790 (Sept. 28, 2016) (Public Notice); *Satellite Communications Services information; Actions Taken*, Report No. SES-01875, File No. SES-STA-20160801-00710 (Aug. 10, 2016) (Public Notice).

³ The permanent orbital location for Intelsat 33e will be at 60.0° E.L. See *Policy Branch Information; Actions Taken*, Report No. SAT-01139, File No. SAT-LOA-20150327-00016 (Feb. 26, 2016) (Public Notice). The in-orbit testing location will be 59.55° E.L. See *Intelsat License LLC Request for Special Temporary Authority to Conduct In-Orbit Testing of Intelsat 33e; Call Sign S2939*, File No. SAT-STA-20160722-00069 (filed July 22, 2016).

⁴ Intelsat will handle the coordination.

Ms. Marlene H. Dortch
October 17, 2016
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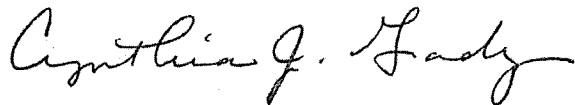
Request to speak with Harry Burnham or Kevin Bell.

In further support of this further extension request, Intelsat incorporates by reference Exhibit A of its initial 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. Intelsat also notes that for purposes of the Intelsat 33e LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 20.9 dBW. The technical information submitted with this STA request reflects a power level as high as 35.5 dBW because Intelsat might operate at this level in the event an emergency necessitates the use of a higher power level in order to command the satellite. 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 further extension request will allow Intelsat to continue safely orbit raising the Intelsat 33e satellite. This, in turn, will help provide additional capacity to customers at the 60.0° 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,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais