

2/15/15

KA265 SES-STA-20150803-00506 IB2015001438
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:
KA265 Eutelsat-115WB 30-Day STA Extension Request

1. 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-20150803-00506
Call Sign KA265 Grant Date 08/11/2015
(or other identifier)
Term Dates
From 08/15/2015 To 09/13/2015
Approved: [Signature]

Applicant: Intelsat License, LLC
File No.: SES-STA-20150803-00506
Call Sign: KA265
Special Temporary Authority (STA)

Intelsat License, LLC is granted STA extension from SES- STA-20150204-00060, for 30 days, from August 15, 2015 to September 13, 2015, to operate its earth station, Call Sign KA265, located in, Paumalu, Hawaii, to provide launch and early orbit phase services for the Eutelsat-115 West B, licensed and registered by Mexico, as it travels to its permanent orbital location 114.9° W.L. Communications will be on the following center frequencies: 6421.5 MHz and 6423.5 MHz in the (Earth-to-Space) and 4199 MHz and 4199.8 MHz in the (Space-to-Earth) and under the following conditions:

1. Intelsat License, LLC will coordinate with operators of co-frequency satellites in the drift path.
2. Operations in the uplink frequencies will be within the coordinated parameters of the antenna's current license.
- 3 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.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License, LLC's applications.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License, LLC's risk.
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-20150803-00506</u>
	Call Sign <u>KA265</u> Grant Date <u>08/11/2015</u> (or other identifier)
	Term Dates From <u>08/15/2015</u> To <u>09/13/2015</u>
	Approved: <u>[Signature]</u>



INTELSAT.

Envision. Connect. Transform.

August 3, 2015

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
Paumalu, Hawaii Earth Station KA265

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days—from August 15, 2015 through September 13, 2015—of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Paumalu, Hawaii C-band earth station—call sign KA265—to provide launch and early orbit phase (“LEOP”) services for the Eutelsat-115WB satellite that was launched on March 1, 2015.² The LEOP period is expected to last approximately 196 days.³

The Eutelsat-115WB LEOP operations are being performed in the following frequency bands: 6423.5 MHz and 6421.5 MHz in the uplink (LHCP), and 4199.0 MHz and 4199.8 MHz in the downlink (LHCP). The LEOP operations are being 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 Eutelsat-115WB 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.

¹ 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”).

² See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01735, File No. SES-STA-20150204-00060 (Mar. 25, 2015) (Public Notice). The permanent orbital location for Eutelsat-115WB, which Intelsat understands is licensed by Mexico, will be at 114.9° W.L. The in-orbit testing location will be 114.9° W.L.

³ Intelsat is seeking authority for an additional 30 days to accommodate the longer orbit-raising time period required for an electric propulsion satellite.

⁴ Intelsat will handle the coordination.

Ms. Marlene H. Dortch
August 3, 2015
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In further support of this request, incorporates by reference Exhibits A and C submitted with its original STA request, which contain 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 prior to launch. 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 Eutelsat-115WB LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 25.5 dBW.

Finally, Intelsat clarifies that during the Eutelsat-115WB LEOP mission, Boeing will continue to serve as the mission manager. Boeing 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 Boeing. 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 Eutelsat-115WB satellite. This, in turn, will help ensure continuity of service at the 114.9° 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 Paumalu

8. Latitude

(dd mm ss.s h) 21 40 27.0 N

9. State HI	10. Longitude (dd mm ss.s h) 158 2 16.0 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, from August 15, 2015 through September 13, 2015, of the Special Temporary Authority previously granted IntelSat to use its Paumalu, Hawaii C-band earth station, call sign KA265, to provide launch and early orbit phase services for the Eutelsat-115WB satellite that was launched on March 1, 2015.</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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
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).	

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