

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 to Utilize a 9.2m Ka-band Antenna at Intelsat's Riverside Teleport

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 *"With conditions"*
File # SES-STA-20150828-00557
Call Sign N/A **Grant Date** 09/29/2015
(or other identifier)
Term Dates
From 09/30/2015 **To:** 10/30/2015
Approved: Paul E. Hieb

Application: Intelsat License LLC
File No.: SES-STA-20150828-00557
Call-Sign: None
Special Temporary Authority (STA)

Intelsat License LLC is granted a STA, under the following conditions, for 30 days, beginning September 30, 2015, to utilize a 9.2m Ka-band antenna located at its Riverside, California teleport to provide launch and early orbit phase ("LEOP") services for the NBNC0-1A satellite at permanent orbital location 140.2° E.L., licensed by Australia. The in-orbit testing location will be 140.2° E.L. The launch is expected to be on September 30, 2015.


1. Uplink (Earth-to-space) frequencies will be on 29501.50 MHz and 29503.50 MHz (LHCP) within the coordinated emission and power limits.
2. Downlink (space-to-Earth) frequencies will be on 19343.00 MHz and 19343.00 MHz (LHCP).
3. Operations under this STA authorization is only for its Riverside, CA teleport to provide launch and early orbit phase (LEOP) services for the NBNC0-1A satellite.
4. All operators of satellites 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 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.
5. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat License LLC's shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
6. In the event of any harmful interference under this grant of STA, Intelsat License LLC, must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
8. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License LLC's risk.
9. 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.

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Call Sign N/A Grant Date 09/29/2015
(or other identifier)

From 09/30/2015 Term Dates To 10/30/2015

Approved: Paul E. Blair



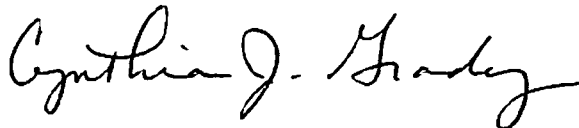
The stamp is a red rectangular seal from the FCC International Bureau. It features the FCC logo at the top, the word "GRANTED" in large bold letters in the center, and "International Bureau" at the bottom.

Ms. Marlene H. Dortch
August 28, 2015
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Grant of this STA request will allow Intelsat to help launch the NBNC0-1A satellite. This, in turn, will help provide additional capacity at the 140.2° 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 cursive script, reading "Cynthia J. Grady". The signature is written in black ink and is positioned above the typed name and title.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais



INTELSAT.

Envision. Connect. Transform.

August 28, 2015

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

Re: Request for Special Temporary Authority
9.2m Ka-band Antenna, Riverside, California

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, commencing September 30, 2015, to utilize a 9.2m Ka-band antenna located at its Riverside, California teleport to provide launch and early orbit phase ("LEOP") services for the NBNC0-1A satellite. NBNC0-1A is expected to be launched on September 30, 2015.² The LEOP period is expected to last approximately 10 days.³

The NBNC0-1A LEOP operations will be performed in the following frequency bands: 29501.5 MHz and 29503.5 MHz in the uplink (LHCP), and 19341.00 MHz and 19343.00 MHz in the downlink (LHCP). 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 NBNC0-1A 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 The permanent orbital location for NBNC0-1A, which Intelsat understands is licensed by Australia, will be at 140.2° E.L. The in-orbit testing location will be 140.2° E.L.

³ Intelsat is seeking authority for 30 days to accommodate a possible launch delay.

⁴ SSL, the manager of the NBNC0-1A LEOP mission, will handle the coordination.

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. CityNuevo

8. Latitude

(dd mm ss.s h) 33 47 42.7 N

9. State CA	10. Longitude (dd mm ss.s h) 117 5 22.5 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 a grant of Special Temporary Authority for 30 days, commencing September 30, 2015, to utilize a 9.2m Ka-band antenna located at its Riverside, California teleport to provide launch and early orbit phase services for the NBNC0-1A satellite. NBNC0-1A is expected to be launched on September 30, 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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