

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
NSS-12 LEOP STA Using Earth Station E040125

1. Applicant

Name:	Intelsat North America LLC	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H Crandall		



With Conditions
File # SES-STA-20090922-01212
Call Sign E040125 Grant Date 10/16/09
(or other identifier)
Term Dates
From Launch To: +30 days
Approved: Kathryn Madley
Chief Satellite Engng Br

Attachment

Conditions:

- A) Intelsat shall notify the Commission in writing within 48 hours of commencing operation under this authorization.
- B) All operations are on a non-protected, non-interference basis.
- C) Intelsat shall coordinate its operations with neighboring satellites with ± 6 degrees of its orbital location.
- D) Intelsat shall immediately cease operations if interference is reported.

With Conditions



File # SES-STA-20090922-01A12

Call Sign E0401AS Grant Date 10/16/09
(or other identifier)

From launch Term Dates To: + 30 days

Approved: *Poling Melley*
Chief Satellite Engg. Brn

2. Contact	
Name: Intelsat North America LLC	Phone Number: 202-944-7848
Company:	Fax Number: 202-944-7870
Street: c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail: susan.crandall@intelsat.com
City: Washington	State: DC
Country: USA	Zipcode: 20008 -3006
Attention: Susan H. Crandall	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. CityNuevo	8. Latitude (dd mm ss.s h) 33 47 43.6 N

9. State CA	10. Longitude (dd mm ss.s h) 117 5 20.4 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibits A – C 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 North America LLC herein requests a grant of STA for 30 days, from October 23, 2009 through November 21, 2009, to use its Riverside, California C-band earth station, call sign E040125, to provide LEOP services to the NSS-12 satellite that is expected to be launched on October 23, 2009.</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 Susan H. Crandall	15. Title of Person Signing Asst. Gen. 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

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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.

September 22, 2009

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



Re: Request for Special Temporary Authority
Riverside, California Earth Station E040125

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, from October 23, 2009 through November 21, 2009, to use its Riverside, California C-band earth station -- call sign E040125 -- to provide launch and early orbit phase ("LEOP") services to the NSS-12 satellite that is expected to be launched on October 23, 2009.²

The NSS-12 LEOP operations will be performed in the following frequency bands:

6174.0 MHz and 6176.0 MHz (uplink); and
3948.0 MHz, 3950.0 MHz, and 3952.0 MHz (downlink)

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.³ 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 NSS-12 LEOP mission is as follows:

Harry Burnham or Mike Munion
Ph.: (202) 944-7701

In further support of this request, Intelsat is attaching Exhibits A-C, which contain technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not

¹ Intelsat has filed its STA request, an FCC Form 159, a \$175.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

² NSS-12's permanent orbital location will be 57.0° E.L.

³ Space Systems Loral, which is managing the NSS-12 launch mission, is conducting the coordination.

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September 22, 2009
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cause harmful interference into any lawfully operating terrestrial facility, as well as a waiver request. Intelsat notes that for purposes of the NSS-12 LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW. The technical information submitted with the STA request reflects a higher power level of 29.5 dBW, because that is the level at which Intelsat might operate 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 request will enable Intelsat to help launch the NSS-12 satellite. This will serve the public interest by ensuring continuity of service at the satellite's permanent location of 57.0° E.L.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Kathryn Medley