

E040125 SES-STA-20110325-00357 IB2011000890
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:
Request for Special Temporary Authority Using Riverside, California Earth Station E040125

I. Applicant

| | | | |
|------------|--|---------------|-----------------------------|
| Name: | IntelSat License 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 Grandall | | |

with conditions




File# SES-STA-20110325-00357
Call Sign E040125 Grant Date 06/06/2011
(or other identifier)
Term Dates
From Launch To: 730 days
Approved: [Signature]

Conditions of Grant of SES-STA-20110510-00357

Intelsat Licenses LLC is granted Special Temporary Authority to transmit to the GSAT-12 satellite on 850KFXD / 6415.0 MHz and receive from the GSAT-12 satellite on 180KFXD / 4186.32 MHz for 30 days commencing upon the day of launch and expiring no later than 30 September 2011 using an 11.0m antenna located at its Nuevo (Riverside County), CA teleport to provide launch and early orbit phase (LEOP) services to the GSAT-12 satellite. Earth station operations are limited to transmission and reception parameters applied for in Attachment 1 and coordination parameters within Exhibit B to form 312 of this application under the following conditions.

1. All operations shall be on an unprotected and non-harmful interference basis, i.e., Intelsat shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station.
2. In the event that there is a report of interference, Intelsat must immediately terminate transmissions and notify the FCC in writing.
3. Intelsat must comply with all FAA antenna height restrictions defined in 47 CFR Part 17.
4. The LEOP operations will 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. The 24x7 contact information for the GSAT-12 LEOP mission is as follows: Ph.: (202) 944-7701 – East Coast Operations Center (primary);(310) 525-5900 – West Coast Operations Center (back-up)
5. Intelsat must make all reasonable and customary measures to ensure that the earth station does not create a potential for harmful non-ionizing radiation to persons who may be in the vicinity of the earth station when it is in operation. At a minimum, permanent warning labels shall be fixed to the earth station and its housing warning of the radiation hazard and including a diagram showing the regions around the earth station where radiation levels could exceed 1 .0mW/cm2. The earth station operator shall be responsible for assuring that individuals do not stray into the regions around the earth station where there is a potential for exceeding the maximum permissible exposure limits required by 47 C.F.R. §1.1310. This shall be accomplished by means of signs, caution tape, verbal warnings, placement of the earth station so as to minimize access to the hazardous region, and/or other appropriate means.

With Conditions

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|---|--|
|  GRANTED International Bureau | File# <u>SES-STA-20110325-00357</u> |
| | Call Sign <u>E040125</u> Grant Date <u>06/06/2011</u> (or other identifier) |
| | Term Dates From <u>Launch</u> To: <u>+ 30 DAYS</u> |
| | Approved: <u>Paul E. Bledsoe</u> |
| | |

March 25, 2011

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 License LLC (“Intelsat”) (f/k/a Intelsat North America LLC) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, from June 11, 2011 through July 10, 2011 to use its Riverside, California C-band earth station -- call sign E040125 -- to provide launch and early orbit phase (“LEOP”) services for the GSAT-12 satellite that is expected to be launched on June 11, 2011.² The LEOP period is expected to last approximately six days.³

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

- 6415 MHz and 6412.912 MHz (RHCP) in the uplink, and
- 4186.32 MHz and 4191.84 MHz (LHCP) in the downlink

The LEOP operations will 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.

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 The final orbital location for GSAT-12 will be 83.0° E.L.

³ Intelsat is seeking authority through July 10, 2011 to accommodate a possible launch delay.

Ms. Marlene H. Dortch
March 25, 2011
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The 24x7 contact information for the GSAT-12 LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)
(310) 525-5900 – West Coast Operations Center (back-up)

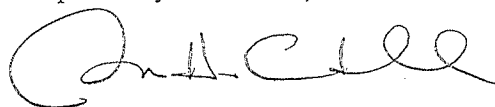
Request to speak with Harry Burnham or Mike Munion.

In further support of this request, Intelsat is attaching Exhibits A and B, which contain technical information concerning the GSAT-12 LEOP operations, as well as a waiver request. Intelsat also notes that for purposes of the GSAT-12 LEOP mission, it is seeking to operate in the frequencies listed herein 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.

Grant of this STA request will allow Intelsat to help launch the GSAT-12 satellite to the 83.0° E.L. location. This, in turn, will help ensure continuity of service to customers at that location, thereby promoting the public interest.

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: Paul Blais

2. Contact

| | | | |
|-------------------|--|----------------------|-----------------------------|
| Name: | Susan H Crandall | 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?

- 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/Nuevo

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: Exhibit A Attachment 3: Exhibit B

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.)

Intelsat License LLC (f/k/a Intelsat North America LLC) herein requests a grant of Special Temporary Authority for 30 days, from June 11, 2011 through July 10, 2011 to use its Riverside, California C-band earth station, call sign E040125, to provide launch and early orbit phase services for the GSAT-12 satellite that is expected to be launched on June 11,

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.

Yes No

| | |
|---|---|
| 14. Name of Person Signing Susan H. Crandall | 15. Title of Person Signing Assistant 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).

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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.

12. Description

Intelsat License LLC (f/k/a Intelsat North America LLC) herein requests a grant of Special Temporary Authority for 30 days, from June 11, 2011 through July 10, 2011 to use its Riverside, California C-band earth station, call sign E040125, to provide launch and early orbit phase services for the GSAT-12 satellite that is expected to be launched on June 11, 2011.