

KA275 SES-STA-20110419-00475
Intelsat License LLC

IE2011001144

Approved by OMB
3060-0678

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 Clarksburg, Maryland Earth Station KA275

1. 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:	3400 International Drive, N.W.
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H Crandall		

30 days "with condition"



File # SES-STA-20110419-00475
Call Sign KR275 Grant Date 05/16/2011
(or other identifier)
From 05/18/2011 Term Dates
By 06/16/2011
Approved: [Signature]

Conditions:
KA275
SES-STA-20110419-00475

Intelsat is granted, under the following conditions, Special Temporary Authority for 30 days, from May 18, 2011 through June 16, 2011, to use its Clarksburg, Maryland C-band earth station, call sign KA275, to provide launch and early orbit phase LEOP services to the GSAT-8 satellite that is expected to be launched on May 18, 2011.

1. Uplink to GSAT-8 on 6415.0 MHz and 6419.32 MHz (RHCP) within coordinated emission and power limits.
2. Downlink from GSAT-8 on 4186.848 MHz and 4195.776 MHz (LHCP).
3. 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 ST-2 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.
4. In the event of any harmful interference, Intelsat shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
5. Waiver of application requirements under 25.114 is for LEOP service only. That is, for communications prior to the satellite attaining its final location in the geostationary orbit and on a non-interference basis.
6. Waiver of application requirements under 25.137 is for LEOP service only based on the understanding that GSAT-8 was manufactured and will be operated by Indian Space Research Organization, and is licensed by India, which is a WTO-member country and that at its permanent orbital location of 55.0° E.L., GSAT-8 will not serve the United States.

30 days "with condition"



File # SES-STA-20110419-00475

Call Sign KA275 Grant Date 05/16/2011
(or other identifier)

Term Dates
From 05/18/2011 To 06/16/2011

Approved: Paul E. Alder

2. Contact

Name:	Susan H Crandall	Phone Number:	202-944-7848
Company:	Intelsat Corporation	Fax Number:	202-944-7870
Street:	3400 International Drive, N.W.	E-Mail:	3400 International Drive, N.W.
City:	Washington	State:	DC
Country:	USA	Zipcode:	20006
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 Clarksburg

8. Latitude
(dd mm ss.s h) 39 13 7.4 N

9. State MD	10. Longitude (dd mm ss.s h) 77 16 10.9 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibit A 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.) IntelSat License LLC herein requests a grant of Special Temporary Authority for 30 days, from May 18, 2011 through June 16, 2011, to use its Clarksburg, Maryland C-band earth station, call sign KA275, to provide launch and early orbit phase services for the GSAT-8 satellite that is expected to be launched on May 18, 2011.	
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. General 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.

April 19, 2011

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



Re: Request for Special Temporary Authority
Clarksburg, Maryland Earth Station KA275

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, from May 18, 2011 through June 16, 2011, to use its Clarksburg, Maryland C-band earth station -- call sign KA275 -- to provide launch and early orbit phase ("LEOP") services for the GSAT-8 satellite that is expected to be launched on May 18, 2011.² The LEOP period is expected to last approximately 10 days.³

The GSAT-8 LEOP operations will be performed in the following frequency bands:

Uplink: 6415.0 MHz and 6419.32 MHz (RHCP)
Downlink: 4186.848 MHz and 4195.776 MHz (LHCP)

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-8 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.

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 permanent orbital location for GSAT-8 is 55.0° E.L.

³ Intelsat is seeking authority through June 16, 2011 to accommodate a possible launch delay.

Ms. Marlene H. Dortch

April 19, 2011

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In further support of this request, Intelsat is attaching Exhibits A and B, 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, as well as a waiver request. Intelsat notes that although it has coordinated a power level of 34.4 dBW, it expects to operate within the 26.5 dBW maximum level permitted by the FCC. A higher power level will only be used in case of emergency. 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 allow Intelsat to help launch the GSAT-8 satellite to the 55.0° E.L. location. This, in turn, will promote the public interest by ensuring continuity of service from that location.

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