

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 for Clarksburg Maryland Earth Station KA275

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		



*subject to condition

File # SES-STA-2010 0702-00865

Call Sign KA275 Grant Date 07/08/10
(or other identifier)

Term Dates period of
From 07/08/10 To: 30 days

Approved: Stephen J Duall
Stephen J. Duall
Chief, Satellite Policy Branch

Condition:


All operations shall be on an unprotected and non-harmful interference basis, i.e., Intelsat North America LLC 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.

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Call Sign KA275 Grant Date 07/08/10
(or other identifier)

Term Dates
From 07/08/10 To: _____
period of
30 days

Approved: *Stephen J. Dull*
Stephen J. Dull
Chief, Satellite Policy Branch

 *subject to condition

2. Contact

Name:	Jennifer D Hindin	Phone Number:	202-719-4975
Company:	Wiley Rein LLP	Fax Number:	202-719-7207
Street:	1776 K Street, NW	E-Mail:	jhindin@wileyrein.com
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: Attachment Narrative 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 North America LLC herein requests Special Temporary Authority for 30 days, from July 8, 2010 through August 6, 2010, to use its Clarksburg, Maryland earth station (call sign KA275) to provide emergency communications services in the 3700-4200 MHz and 5925-6425 MHz conventional C-band frequencies to the Galaxy 13 satellite (call sign S2386) at</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. 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).	

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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 North America LLC herein requests Special Temporary Authority for 30 days, from July 8, 2010 through August 6, 2010, to use its Clarksburg, Maryland earth station (call sign KA275) to provide emergency communications services in the 3700-4200 MHz and 5925-6425 MHz conventional C-band frequencies to the Galaxy 13 satellite (call sign S2386) at 127.0 W.L. and the Galaxy 14 (call sign S2385) at the nominal 125.0 W.L. orbital location.

July 2, 2010



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

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

Dear Ms. Dortch:

Intelsat North America LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)¹ for 30 days—from July 8, 2010 through August 6, 2010—to use its Clarksburg, Maryland earth station (call sign KA275) to provide emergency communications services in the 3700-4200 MHz and 5925-6425 MHz conventional C-band frequencies to the Galaxy 13 satellite (call sign S2386) at 127.0° W.L. and the Galaxy 14 (call sign S2385) at the nominal 125.0° W.L. orbital location.

This STA request seeks temporary authority to add communications services, including video and data, as approved services for KA275. The emission designators for the proposed services are 36M0G7W (digital video and data), 36M0F7D (digital data), and 36M0F8W (analog video and data).

The KA275 earth station is not currently licensed to provide communications services. Instead, the license specifies telemetry, command and ranging services, and the emission designators in the license reflect that use. However, the KA275 earth station already contains the ALSAT designation, authorizing communications with all U.S.-licensed satellites including Galaxy 13 and Galaxy 14. The KA275 earth station also is authorized to use the conventional C-band frequencies from 3700-4200 MHz and 5925-6425 MHz and has been coordinated for operations in these frequencies for the portion of the satellite arc where Galaxy 13 and Galaxy 14 operate. The KA275 antenna will operate consistent with the power levels specified in its existing authorization when providing communications services.

Grant of this STA request will serve the public interest. As the Commission is aware, the Galaxy 15 satellite (call sign S2387) operated by Intelsat’s sister company, PanAmSat Licensee Corp. (“PanAmSat”), experienced an anomaly on April 5, 2010 and is currently drifting East in an uncontrolled manner

¹ Intelsat has filed this STA request, an FCC Form 159 and a \$175.00 filing fee electronically via the International Bureau’s Filing System.

toward the Galaxy 13 and Galaxy 14 satellites. The requested authority will allow Intelsat to mitigate potential interference and minimize service disruptions. Use of the 19m antenna in Clarksburg, MD will facilitate the successful transmission of C-band communications traffic during the period of time that Galaxy 15 drifts through the nominal 127° W.L. and 125° W.L. orbital locations. Specifically, the KA275 earth station will uplink communications traffic to Galaxy 13 and Galaxy 14. Galaxy 13 will remain in its station-keeping box, and Galaxy 14 may have to maneuver up to 0.03° to the East and West to avoid a collision with Galaxy 15.² The large size and advanced tracking capabilities of the KA275 earth station will best ensure uninterrupted signals during these maneuvers. As a result, grant of the requested STA will minimize service disruptions for customers.

In addition, grant of this request will not adversely affect other satellite service providers. The only C-band satellite within 6° of the nominal orbital locations 127° W.L. or 125° W.L. which is not operated by Intelsat or PanAmSat is AMC-11 at 131° W.L. Provision of communications services using the KA275 earth station will not cause harmful interference to AMC-11 because operations will be conducted in compliance with the FCC 2-degree conditions. Actually, given the earth station size (19.0 m) the EIRP towards AMC-11 (off-axis angles of 4° and 6°) will be well within acceptable values. For the same reason, Intelsat does not expect that its proposed provision of communications services using the KA275 earth station will cause harmful interference to any of the satellites operated by Intelsat or PanAmSat.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this request.

² PanAmSat will file a separate request for special temporary authority to operate the Galaxy 14 satellite outside its authorized station-keeping box.

Ms. Marlene H. Dortch
July 2, 2010
Page 3

Sincerely,

/s/ Jennifer D. Hindin

Wiley Rein LLP
Counsel to IntelSAT

On behalf of:

Susan H. Crandall
Assistant General Counsel
IntelSAT Corporation

cc: Kathym Medley
Stephen Duall