

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 to Conduct TT&C, Call Sign KA258

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:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H. Crandall		

"With Conditions"



File# SES-STA-20120820-00766

Call Sign KA258 Grant Date 08/29/2012
(or other identifier)

Term Dates
From 09/20/2012 To 10/19/2012

Approved: Paul E. Hais

Applicant: Intelsat License LLC
Call Sign: KA258
File No.: SES-STA-20120820-00766
Special Temporary Authority (STA)

Intelsat License LLC is authorized, to operate its Hagerstown, MD, earth station, call sign KA258, from September 20, 2012, to October 19, 2012 to conduct Telemetry, Tracking, and Telecommand (TT&C) operations with the DIRECTV-1R satellite, Call Sign S2369, satellite during its drift from the 109.8° W.L. orbital location to its new location at 56.16 ° E.L (303.84° W.L.). Intelsat License LLC is authorized to use 17,305 MHz and 17,799 MHz (Earth-to-space) and 12,698.25 MHz and 12,699.25 MHz (space-to-Earth) frequencies for Telemetry, Tracking, and Telecommand (TT&C) operations. This authorization shall be in accordance with the technical specifications set forth in IBFS File No. SES-STA-20120820-00766 and is subject to the following conditions:

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat License LLC shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication station.
2. Intelsat License LLC will coordinate with potentially affected satellite operators and will provide TT&C services on a non-interference basis.
3. In the event of any harmful interference, Intelsat License LLC shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding Intelsat License LLC pending application IBFS File No. SES-MFS-20111115-01355.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's own risk.
6. 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. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.

"With conditions"



File # SES-STA-20120820-00766

Call Sign KA258 Grant Date 08/29/2012
(or other identifier)

From 09/20/2012 Term Ends To: 10/19/2012

Approved: Paul E. Hale

August 20, 2012

Ms. Marlene H. Dortch
Secretary

Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554



Re: Request for Special Temporary Authority to Conduct Telemetry,
Tracking and Control Operations Using Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)¹ for 30 days commencing September 20, 2012 to use its Hagerstown, Maryland earth station – call sign KA258² – to provide telemetry, tracking and control (“TT&C”) services to the DIRECTV 1R satellite (call sign S2369) as it drifts from at 109.8° W.L. to 56.16° E.L.³ Earth station KA258 will communicate with DIRECTV 1R from approximately 88.0° W.L. until the satellite arrives at 56.16° E.L.⁴

¹ Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² Intelsat currently is operating earth station KA258 at Hagerstown under Special Temporary Authority pending grant of a permanent modification application for a change in the antenna’s location. See *Intelsat License LLC Request for Further Extension of Special Temporary Authority*, File No. SES-STA-20120718-006661 (filed July 18, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120522-00457 (filed May 22, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-20120320-00284 (filed Mar. 20, 2012); *Intelsat License LLC Request for Extension of Special Temporary Authority*, File No. SES-STA-2012221-00186 (filed Feb. 21, 2012); *Policy Branch Information: Actions Taken*, Report No. SES-01421, File No. SES-STA-20120118-00067 (Feb. 1, 2012) (Public Notice).

³ DirecTV has filed applications to redeploy the satellite. See *DIRECTV Enterprises, LLC Application for Authorization to Operate DIRECTV IR, a Direct Broadcast Satellite*, File No. SAT-LOA-20120817-00137 (filed Aug. 17, 2012) and *DIRECTV Enterprises, LLC Request for Special Temporary Authority*, File No. SAT-STA-20120817-00138 (filed Aug. 17, 2012).

⁴ Intelsat is concurrently filing an STA request for its earth station E990323 to track the satellite from 109.8° W.L. to 88.0° W.L. On-station TT&C operations will be performed using an earth station located in Russia.

Ms. Marlene H. Dortch
August 20, 2012
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The DIRECTV 1R TT&C operations will be performed in the following frequency bands:

Uplink: 17305 and 17799 MHz

Downlink: 12699.25 and 12698.25 MHz

The emission designator for both the uplink (command) carriers is 800KF2D and the transmitted EIRP will be 85.3 dBW.

Grant of this STA request will serve the public interest because the redeployment of the DIRECTV 1R satellite to 56.16° E.L. will ensure continuity of service at that location. The satellite currently located at 56.0° E.L. --Bonum 1 -- is expected shortly to experience significant service degradation. Services currently on Bonum 1 will be transferred to DIRECTV 1R upon the latter's arrival at 56.16° E.L. The entire drift is expected to take between four and five months.

Moreover, grant of this STA extension request will not result in increased risk of harmful interference to any other system. Intelsat will operate the TT&C transmissions within the coordinated parameters in the earth station's license.

In addition, DIRECTV has stated that it will coordinate the satellite's drift with potentially affected satellite operators. As such, co-frequency operations of other satellite operators will not be affected.

Please direct any questions regarding this STA extension 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:	Intelsat Corporation	Fax Number:	202-944-7870
Street:	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 Hagerstown

8. Latitude
(dd mm ss.s h) 39 35 54.0 N

9. State MD	10. Longitude (dd mm ss.s h) 77 45 33.0 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 Special Temporary Authority for 30 days commencing September 20, 2012 to use its Hagerstown, Maryland earth station, call sign KA258, to provide telemetry, tracking and control services to the DIRECTV 1R satellite (call sign S2369) as it drifts from at 109.8 W.L. to 56.16 E.L. </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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