

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Further Extension of STA for Hagerstown, Maryland Earth Station KA258

1. Applicant

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

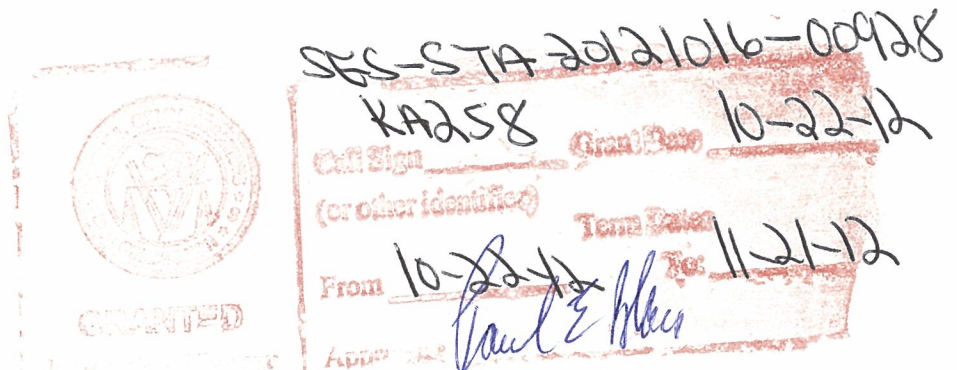
SES-STA-20121016-00928  
KA258  
Call Sign: KA258  
(or other identifier)  
From: 10-22-12  
To: 11-21-12  
Term Dates: Yes  
Approved: Paul E. Hader



Applicant: Intelsat License LLC  
Call Sign: KA258  
File No.: SES-STA-20121016-00928  
Special Temporary Authority (STA)

Intelsat License LLC is authorized, to operate its Hagerstown, MD, earth station, call sign KA258, from October 22, 2012 to November 21, 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-20121016-00928 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. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's own risk.
5. 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.
6. Pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62, continued operation of this station with DIRECTV-1R under SES-STA-20120820-00766 with grant date of August 29, 2012 continued in effect until grant of this authorization.



<b>2. Contact</b>	
<b>Name:</b> Susan H. Crandall	<b>Phone Number:</b> 202-944-7848
<b>Company:</b> Intelsat Corporation	<b>Fax Number:</b> 202-944-7870
<b>Street:</b> 3400 International Drive, N.W.	<b>E-Mail:</b> susan.crandall@intelsat.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20008 -3006
<b>Attention:</b> Susan H. Crandall	<b>Relationship:</b> 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. 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;">Intelsat License LLC herein requests a 30-day extension, through November 18, 2012, of the Special Temporary Authority previously granted Intelsat 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 55.8 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 &quot;party to the application&quot;; for these purposes.      Yes <input checked="" type="radio"/> No <input type="radio"/>	
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.**

October 16, 2012

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



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

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a 30-day extension -- through November 18, 2012 -- of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to use its Hagerstown, Maryland earth station -- call sign KA258 -- 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 55.8° E.L.<sup>2</sup> DIRECTV 1R currently is drifting to 55.8° E.L.<sup>3</sup>

The DIRECTV 1R TT&C operations will continue to be performed in the following frequency bands:

Uplink: 17305 and 17799 MHz

Downlink: 12699.25 and 12698.25 MHz

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<sup>1</sup> 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").

<sup>2</sup> See *Policy Branch Information; Actions Taken*, Report No. SES-01481, File No. SES-STA-20120820-00766 (Sept. 5, 2012) (Public Notice).

<sup>3</sup> DirecTV has filed applications to redeploy the satellite. See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00901, File No. SAT-A/O-20120817-00137 (Sept. 28, 2012) (Public Notice) and *Policy Branch Information; Actions Taken*, Report No. 00894, File No. SAT-STA-20120817-00138 (Aug. 31, 2012) (Public Notice). On September 13, 2012, DirecTV amended its pending application to change the orbital location to 55.8° E.L. from the originally requested 56.16° E.L. See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00901, File No. SAT-AMD-20120913-00148 (Sept. 28, 2012) (Public Notice).

Ms. Marlene H. Dortch  
October 16, 2012  
Page 2

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

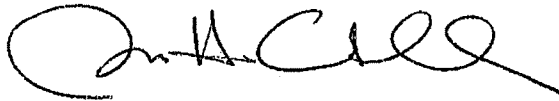
Grant of this STA extension request will serve the public interest because the redeployment of the DIRECTV 1R satellite to 55.8° E.L. will ensure continuity of service at that location. The satellite currently located at 56.0° E.L. -- Bonum 1 -- is expected shortly to experience significant service degradation. Services currently on Bonum 1 will be transferred to DIRECTV 1R upon the latter's arrival at 55.8° 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