

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 E990323

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		

SES-STA-20111229-01510
E990323
Call Sign Grant Date 1-4-12
(or other identifier) Term Dates
From 1-9-12 To 7-8-12
Approved: Susan E. Crandall

Conditions: Applicant, Call Sign, File Number
DirecTV, E930304, SES-STA-20111228-01512
DirecTV, E930229, SES-STA-20111228-01511
Intelsat, E990323, SES-STA-20111229-01510

The request of applicants in the files noted above is GRANTED contingent upon grant of SAT-STA-20111206-00235. Accordingly, the applicants are authorized, for a period of 60 days commencing on January 9, 2012, to conduct Telemetry, Tracking, and Telecommand (TT&C) operations necessary to drift the DIRECTV 1R space station, Call Sign S2369, from the 72.5° W.L. orbital location to the 109.8° W.L. orbital location. Applicants are authorized to use the 17,305 MHz and 17,799 MHz frequencies for telecommand and the 12,698.25 MHz and 12,699.25 MHz frequencies for telemetry during these operations. This authorization shall be in accordance with the technical specifications set forth in the applications, the Commission's rules, and is subject to the following conditions:

1. All operations during the drift shall be on an unprotected and non-harmful interference basis, *i.e.*, applicants shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication station.
2. In the event of any harmful interference during DIRECTV's drift of the DIRECTV 1R space station to the 109.8° W.L. orbital location, applicants shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
3. During the drift to the 109.8° W.L. orbital location, applicants may not operate the payload on the DIRECTV 1R space station.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at the applicant's own risk.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding DIRECTV's pending application seeking a license to maintain the DIRECTV 1R space station at the 109.8° W.L. orbital location as an in-orbit spare (IBFS File No. SAT-LOA-20111205-00233).
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.



SES-STA-20111229-01510
E990323
Call Sign (or other identifier) E990323 Grant Date 1-4-12
Term Dates 1-9-12 to 2-8-12
Approved: Paul E. [Signature]

2. Contact	
Name: Jennifer Hindin	Phone Number: 202-719-4975
Company: Wiley Rein LLP	Fax Number: 202-719-7049
Street: 1776 K Street, NW	E-Mail: jhindin@wileyrein.com
City: Washington	State: DC
Country: USA	Zipcode: 20006 -
Attention:	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?	
<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. CityCastle Rock	8. Latitude (dd mm ss.s h) 39 16 35.0 N

9. State CO	10. Longitude (dd mm ss.s h) 104 48 23.9 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.) Intelsat License LLC hereby requests Special Temporary Authority to use its Castle Rock, CO earth station (call sign E990323) to conduct telemetry, tracking and control (TT&C) operations with the DIRECTV 1R satellite during its drift from 72.5 W.L. to 109.8 W.L. Intelsat requests that this STA become effective on January 9, 2012 and last for up to 30	
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"; party to the application; 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 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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12. Description

Intelsat License LLC hereby requests Special Temporary Authority to use its Castle Rock, CO earth station (call sign E990323) to conduct telemetry, tracking and control (TT&C) operations with the DIRECTV 1R satellite during its drift from 72.5 W.L. to 109.8 W.L. Intelsat requests that this STA become effective on January 9, 2012 and last for up to 30 days thereafter.

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Call Sign: E990323

Intelsat License LLC (“Intelsat”) hereby requests Special Temporary Authority (“STA”) to use its Castle Rock, CO earth station (call sign E990323) to conduct telemetry, tracking and control (“TT&C”) operations with the DIRECTV 1R satellite (call sign S2848) during its drift from the 72.5° W.L. orbital location to 109.8° W.L.¹ Intelsat requests that this STA become effective on January 9, 2012 and last for thirty (30) days thereafter.²

Intelsat requests authority to operate its earth station with call sign E990323 utilizing the following TT&C frequencies:

Uplink: 17305 and 17799 MHz
Downlink: 12699.25 and 12698.25 MHz

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

Grant of this STA will serve the public interest because it will facilitate safe repositioning of the DIRECTV 1R satellite. In addition, grant of this STA request will not result in increased risk of harmful interference to any other system. Intelsat’s earth station is already authorized to provide TT&C services using the frequencies needed for the drift of DIRECTV 1R. The transmissions that will occur during the proposed operations will be within the coordinated parameters in the earth station’s license. Moreover, DIRECTV has stated that it will coordinate with potentially affected satellite operators.³ As such, co-frequency operations of other satellite operators will not be affected.

Accordingly, Intelsat respectfully requests that the Commission grant this STA request as expeditiously as possible.

¹ DIRECTV has a pending application for special temporary authority to operate the DIRECTV 1R satellite’s TT&C frequencies during the drift. FCC File No. SAT-STA-20111206-00235. DIRECTV also has a pending application for authorization to operate DIRECTV 1R as an in-orbit spare at 109.8° W.L. FCC File No. SAT-LOA-20111205-00233. The technical information related to TT&C functions contained in DIRECTV’s applications are incorporated by reference.

² DIRECTV is also seeking a similar STA for a second earth station in Ellenwood, GA (call sign E930229).

³ See FCC File No. SAT-STA-20111206-00235.