

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 Using Earth Station E040174

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

30 days "With conditions"

File # SES-STA-20130318-00268

Call Sign E040174 Grant Date 07/31/2013
(or other identifier) Term Dates

From 08/02/2013 To: 08/31/2013

Approved: [Signature]




GRANTED
International Bureau

Applicant: Intelsat License LLC
Call Sign: **E040174** & E860175
File Nos.: **SES-STA-20130318-00268** & SES-STA-20130403-00306

Intelsat License LLC (Intelsat) is granted special temporary authority under the following conditions for 30 days for the fixed earth station Call Signs E040174 and E860175, located at Castle Rock, Colorado and Fillmore, California respectively, to provide telemetry, tracking and command ("TT&C") services to the Intelsat 603 satellite, licensed by the Argentine Administration, at the 81.0° W.L. orbital location. The Intelsat 603 TT&C operations will be performed on the following center frequencies: 6173.7 MHz and 6176.3 MHz (CP and LP) (Earth-to-space) and 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (CP and LP) (space-to-Earth). The transmitted EIRP will be 80.8 dBW.

1. This authorization is based upon the license issued by Argentina in Resolution No. 6/2013 published in the Boletín de la Republica Argentina on July 4, 2013, and shall terminate immediately in the event that license is no longer in effect, or in the event that Intelsat 603 is no longer operating pursuant to that license.
2. This authorization is limited to TT&C operations with the Intelsat 603 satellite while it is operating at the 81.0° W.L. orbital location under the Argentina license, and provides no authority for TT&C operations in connection with any deorbiting of the satellite.
3. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
4. In the event of any harmful interference as a result of operations under this grant of ST-A, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding future or pending Intelsat applications.
6. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.P.R. § 0.261, and is effective upon release.

30 days *"with conditions"*

 GRANTED International Bureau	File# <u>SES-STA-20130318-00268</u>
	Call Sign <u>E040174</u> Grant Date <u>07/31/2013</u> (or other identifier)
	From <u>08/02/2013</u> Term Dates To: <u>08/31/2013</u>
	Approved: <i>[Signature]</i>

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? <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 Castle Rock	8. Latitude (dd mm ss.s h) 39 16 33.0 N

9. State CO	10. Longitude (dd mm ss.s h) 104 48 34.0 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibit A Attachment 3: Exhibit B	
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;"> <p>Intelsat License LLC herein requests Special Temporary Authority for 30 days commencing April 20, 2013 to use its Castle Rock, Colorado earth station, call sign E040174, to provide telemetry, tracking and control services to the Intelsat 603 satellite, licensed by the Argentine Administration, as it drifts from 28.0 W.L. to 81.0 W.L. and on-station</p> </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. 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).	

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12. Description

Intelsat License LLC herein requests Special Temporary Authority for 30 days commencing April 20, 2013 to use its Castle Rock, Colorado earth station, call sign E040174, to provide telemetry, tracking and control services to the Intelsat 603 satellite, licensed by the Argentine Administration, as it drifts from 28.0 W.L. to 81.0 W.L. and on-station at 81.0 W.L.

March 18, 2013

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 E040174

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)¹ for 30 days commencing April 20, 2013 to use its Castle Rock, Colorado earth station – call sign E040174 – to provide telemetry, tracking and control (“TT&C”) services to the Intelsat 603 satellite, licensed by the Argentine Administration, as it drifts from 28.0° W.L. to 81.0° W.L.² At 81.0° W.L., primary TT&C operations will switch to another Intelsat earth station,³ but E040174 will continue to provide back-up TT&C services.

The Intelsat 603 TT&C operations will be performed in the following frequency bands:

Uplink: 6173.7 MHz and 6176.3 MHz (CP and LP)

Downlink: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (CP and LP)

The transmitted EIRP will be 80.8 dBW.

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 603 is not on the Permitted Space Station List. Intelsat includes herewith a waiver request with respect to the requirements regarding access to a foreign-licensed satellite.

³ Intelsat will shortly file an STA request for its Fillmore, California earth station E860175 to provide primary TT&C services to the satellite while it is on-station at 81.0° W.L.

Ms. Marlene H. Dortch
March 18, 2013
Page 2

Grant of this STA request will serve the public interest because the redeployment of the Intelsat 603 satellite to 81.0° W.L. will provide additional capacity temporarily at that location. The drift from 28.0° W.L. to 81.0° W.L. is expected to take approximately two months. The antenna is expected to provide back-up TT&C for approximately three months at 81° W.L.

In support of this request, Intelsat attaches Exhibits A and B, which contain a waiver request, as well as technical information indicating 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 or government facility. 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.

In addition, Intelsat 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