

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Extension of Special Temporary Authority Using Fillmore, California Earth Station E4132

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-20110913-01076
E4132
Call Sign E4132 Grant Date 9-15-11
(or other identifier)
From 9-16-11 Term Dates To: 10-15-11
Approved: Paul E. Blak
with conditions

Conditions of Grant of Intelsat SES-STA-20110913-01076


Intelsat License LLC is authorized to operate E4132, at Fillmore, California, to provide launch and early orbit phase ("LEOP") services to the Express-AM4 Fillmore, California for telemetry, tracking, and control communications with the Express AM4 spacecraft (to operate at 80 ° E. L.) beginning September 16, 2011 for a period of 30 days on frequencies 6535.0 MHz Earth-to-Space and 4199.5 MHz space-to-Earth within the parameter defined in application SES-STA-20110913-01076 under the following conditions.

1. All operations shall be on an unprotected and non-harmful interference basis, i.e., Intelsat shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station.
2. In the event that there is a report of interference, Intelsat must immediately terminate transmissions and notify the FCC in writing.

SES STA 20110913-01076
E4132

Call Sign	E4132	Grant Date	9-15-11
(or other identifier)		Term Date	10-15-11
From	9-11-11	Appr. date	Paul S. Hines

GRANTED
International Bureau



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/Fillmore

8. Latitude
(dd mm ss.s h) 34 24 22.0 N

9. State CA	10. Longitude (dd mm ss.s h) 118 53 34.0 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 a thirty-day extension, through October 14, 2011 of the Special Temporary Authority previously granted IntelSAT to use its Fillmore, California C-band earth station, call sign E4132, to provide launch and early orbit phase services to the Express-AM4 satellite.</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).	

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.

September 13, 2011

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

Re: Request for Extension of Special Temporary Authority
Fillmore, California Earth Station E4132



Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a thirty-day extension – through October 14, 2011 – of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Fillmore, California C-band earth station – call sign E4132 – to provide launch and early orbit phase (“LEOP”) services to the Express-AM4 satellite.² As the Commission is aware, on August 18, 2011, the Express-AM4 satellite suffered an anomaly of unknown origin and was injected into an off-design orbit. Currently, the LEOP mission team is continuing to monitor the satellite until a decision is made with respect to the satellite’s long-term location.

The Express-AM4 LEOP operations will continue to be performed in the following frequency bands:

6535.0 MHz (uplink) (RHCP for TC1 and LHCP for TC2); and
4199.5 MHz (downlink) (LHCP for TM1 and RHCP for TM2)

The LEOP operations will continue to be coordinated with all operators of potentially affected satellites that use the same frequency bands.³ All such operators will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

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 See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01374, File No. SES-STA-20110802-00915 (Aug. 17, 2011 (Public Notice)).

³ Inmarsat, which is the LEOP mission manager for Express-AM4, will handle the coordination.

Ms. Marlene H. Dortch
September 13, 2011
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The 24x7 contact information for the Express-AM4 LEOP mission is as follows:


Ph.: (202) 944-7701 – East Coast Operations Center (primary)
(310) 525-5900 – West Coast Operations Center (back-up)
Request to speak with Harry Burnham or Kevin Bell.

In further support of this extension request, Intelsat incorporates by reference Exhibits A and B of the original STA request, which contain a waiver request, as well as technical information that demonstrates 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 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.

Grant of this STA extension request will enable Intelsat to continue monitoring the Express-AM4 satellite. This will serve the public interest by allowing the satellite's owner more time to make a decision about the satellite's long-term location.

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