

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 Fillmore, California Earth Station E4132

1. Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat Corporation 7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:	Susan H. Crandall		


30 days *"with conditions"*

File # SES-STA-20151118-00852

Call Sign E4132 **Grant Date** 11/30/2015
(or other identifier)

Term Dates
From 12/01/2013 **To** 12/30/2015

Approved: *[Signature]*



Application: Intelsat License LLC
Call Sign: E4132
File No.: SES-STA-20151118-00852
Special Temporary Authority (STA)

Intelsat License LLC is granted a STA, under the following conditions, for 30 days, beginning December 1, 2015, to operate its C-band earth station, call sign E4132, in Fillmore, California, to conduct telemetry, tracking, and command ("TT&C") services for Intelsat 805 satellite (S2404) to drift the space station from the 55.5° W.L. orbital location to the 169° E.L. Intelsat 805 (S2404) is expected to begin drifting on December 1, 2015.

1. Intelsat will perform the operations in the uplink frequencies (Earth-to-space): 6173.70 MHz and 6176.30 MHz and the downlink frequencies (space-to-Earth): 3947.50 MHz, 3948.00 MHz, 3952.00 MHz and 3952.50 MHz, within coordinated emission and power limits.
2. During the drift from 55.5 W.L. to the satellite's permanent orbital location 169° E.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.
3. All operators of satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, Currently the 24x7 contact information for the Intelsat 805 mission is as follows: Ph.: (703) 559-7701 - East Coast Operations Center (primary); (310) 525-5591 - West Coast Operations Center (back-up). Request to speak with Harry Burnham or Kevin Bell.
4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's E4132 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
5. In the event of any harmful interference under this grant of STA, Intelsat License LLC E4132 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License LLC's risk.
8. 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.


"With conditions"

File # SES-STA-20151118-00852

Call Sign E4132 Grant Date 11/30/2015
(or other identifier)

From 12/01/2015 Term Dates 12/30/2015
To 12/30/2015

Approved: Paul E. Allen



GRANTED
International Bureau



INTELSAT.

Envision. Connect. Transform.

November 18, 2015

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

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

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, commencing December 1, 2015, to use its Fillmore, California C-band earth station—call sign E4132—to provide telemetry, tracking, and command ("TT&C") services for Intelsat 805 (S2404) during its drift from 55.5° W.L. to 169.0° E.L.² Intelsat 805 is expected to begin drifting no earlier than December 1, 2015. The drift is expected to take approximately three months.

TT&C operations will be performed in the following frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, 3952.5 MHz, 6173.7 MHz, and 6176.3 MHz. The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.³ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In further support of this request, Intelsat hereby attaches Exhibit A, which contains 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

¹ Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

² See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-01112, File No. SAT-STA-20151002-00068 (Oct. 16, 2015) (Public Notice). See also *Intelsat License LLC Application to Modify Authorization for Intelsat 805*, File No. SAT-MOD-20151020-00072 (filed Oct. 20, 2015).

³ Intelsat will handle the coordination.

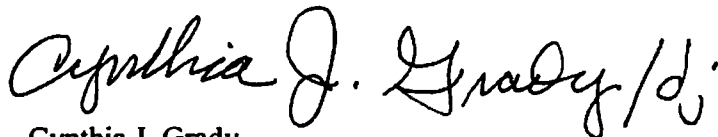
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transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA request will allow Intelsat to drift the Intelsat 805 satellite to its new location. This, in turn, will help satisfy customer demand at 169.0° E.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,

A handwritten signature in cursive script that reads "Cynthia J. Grady/dj".

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais