

E170135 SES-STA-20180117-00033 IB2018000158
Intelsat License LLC


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 Use Prior STA for Earth Station Hagerstown, Maryland Earth Station E170135

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 | | |



GRANTED
International Bureau

File # SES-STA-20180117-00033
E170135
Call Sign 2-15-18 Grant Date 2-15-18
(or other identifier)
Term Dates From 2-15-18 To: 4-16-18
Approved: [Signature]

Applicant: Intelsat License LLC Call
Sign: E170135
File No.: SES-STA-20180117-00033

Intelsat License LLC ("Intelsat") is granted special temporary authority (STA) for 60 days, beginning February 15, 2018, to operate its Hagerstown, MD earth station to communicate with Intelsat 37e satellite at the 18.0 W.L. orbital in the 13.0-13.25 GHz and 13.75-14.50 GHz bands (Earth-to-space) and 10.7-11.95 GHz band (space-to-Earth) frequency bands under the following conditions:

1. Intelsat will operate antenna in the 13.0-13.25 GHz, 13750 -13770 GHz, and 13770-13780 GHz frequencies (Earth-to-space) and in the 10.7-11.95 GHz band (space-to-Earth), within coordinated emission, antenna size and power limits.
2. Intelsat License LLC must coordinate operations in the 13.750 - 13.770 GHz band with Mr. Richard Ontiveros via email (Richard.ontiveros1@navy.mil) or phone (301) 225-3824.
3. The EIRP density of the earth station emissions shall not exceed 71 dBW in any 6 MHz band from 13.77 to 13.78 GHz in accordance with Footnote US356.
4. 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 37e satellite is Ph.: (703) 559-7701 –East Coast Operations Center (primary) and (310) 525-5591 –West Coast Operations Center (back-up)
5. Operations, shall not cause harmful interference to or claim protection from other lawfully operating stations and it shall cease transmission(s) immediately upon notice of such interference.
6. In the event of any harmful interference under this grant of STA, Intelsat must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
8. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat's risk.

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.



File # SES-STA-20180117-00033
Call Sign E170135 Grant Date 2-15-18
(or other identifier)
Term Dates
From: 2-15-18 To: 4-16-18
Approved: [Signature]

| | | | |
|---|-----------------------|-----------------------------|-----------------------------|
| 2. Contact | | | |
| Name: | Susan H. Crandall | Phone Number: | 703-559-7848 |
| Company: | Intelsat Corporation | Fax Number: | 703-559-8539 |
| Street: | 7900 Tysons One Place | E-Mail: | susan.crandall@intelsat.com |
| City: | McLean | State: | VA |
| Country: | USA | Zipcode: | 22102 -5972 |
| 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 SESLIC2017072100790 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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other | | | |
| 6. Requested Use Prior Date | | | |
| 02/15/2018 | | | |
| 7. City/McLean | | 8. Latitude | |
| | | (dd mm ss.s h) 39 35 54.9 N | |

| | |
|---|---|
| 9. State VA | 10. Longitude (dd mm ss.h) 77 45 10.6 W |
| 11. Please supply any need attachments. Attachment 1: STA 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 grant of Special Temporary Authority for 60 days, commencing February 15, 2018, to utilize its new 9.4 meter, Ku-band earth station in Hagerstown, Maryland, call sign E170135, prior to grant of permanent operating authority. The antenna will communicate in the 13.0-13.25 GHz and 13.75-14.50 GHz bands (Earth-to-</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 Assoc. 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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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.

12. Description

Intelsat License LLC herein requests a grant of Special Temporary Authority for 60 days, commencing February 15, 2018, to utilize its new 9.4 meter, Ku-band earth station in Hagerstown, Maryland, call sign E170135, prior to grant of permanent operating authority. The antenna will communicate in the 13.0-13.25 GHz and 13.75-14.50 GHz bands (Earth-to-space) and 10.7-11.95 GHz band (space-to-Earth) with the U.S.-licensed Intelsat 37e satellite at 18.0 W.L. Intelsat has filed an application for authorization to operate this new antenna on a permanent basis, which remains pending before the Commission.



INTELSAT

Envision. Connect. Transform.

January 17, 2018

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station E170135

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 60 days, commencing February 15, 2018, to utilize its new 9.4 meter, Ku-band earth station in Hagerstown, Maryland—call sign E170135—prior to grant of permanent operating authority. The antenna will communicate in the 13.0-13.25 GHz and 13.75-14.50 GHz bands (Earth-to-space) and 10.7-11.95 GHz band (space-to-Earth) with the U.S.-licensed Intelsat 37e satellite at 18.0° W.L. Intelsat has filed an application for authorization to operate this new antenna on a permanent basis, which remains pending before the Commission.²

In support of this request, Intelsat incorporates by reference its pending application for permanent authority to operate this antenna.³ The application contains detailed technical information in Exhibits A-C demonstrating that the earth station’s operations will be compatible with its electromagnetic environment and will not cause harmful interference to any lawfully operating facility. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA request will enable Intelsat to test the antenna at its new location prior to grant of permanent operating authority, thereby serving the public interest by ensuring the antenna’s readiness to commence service with Intelsat 37e as quickly as possible. In addition, grant will provide the Commission with additional time in which to continue processing the permanent license application.

¹ Intelsat has filed this STA request, FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Public Notice, Report No. SES-01994, IBFS File No. SES-LIC-20170721-00790 (Sept. 27, 2017).

³ See *id.*

Ms. Marlene H. Dortch
January 17, 2018
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Please direct any questions regarding this STA request to the undersigned at (703) 559-7848.

Respectfully submitted,

/s/ Susan H. Crandall

Susan H. Crandall
Associate General Counsel
Intelsat Corporation

cc: Paul Blais