

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for 30-Day STA Using Hagerstown, MD Earth Station, Call Sign E000296, to Perform De-orbit Maneuvers for the Intelsat 701 Satellite (S2400)

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 | | |



Application: Intelsat License, LLC
File No.: SES-STA-20170403-00355
Call Sign: E000296
Special Temporary Authority

Intelsat License LLC is granted a special temporary authority, under the following conditions, for 30 days, beginning May 1, 2017, to operate its fixed earth stations in Hagerstown, Maryland (E000296), to perform de-orbit maneuvers for the Intelsat 701 (S2400) satellite at 29.5° W.L., using the following frequencies: 6173.70 MHz and 6176.30 MHz (LHCP) (Earth-to-space); and 3947.50 MHz, 3948.00 MHz, 3952.00 MHz and 3952.50.00 MHz (RHCP) (space-to-Earth). Intelsat 701 is expected to begin de-orbiting on May 1, 2017 and the de-orbit is expected to last approximately 30 days.

1. Operations shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
2. Operations must be coordinated with all operators of satellites that use the same frequency bands and are in the de-orbit path. 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 for the 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
3. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.
5. Intelsat must dispose of Intelsat 701 in accordance with the conditions of grant of IBFS File No. SAT-MOD-20160425-00040.
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.

30 days


"With Conditions"

File # SES-STA-20170403-00355

Call Sign E000296 Grant Date 04/18/2017
(or other identifier)

From 05/01/2017 Term Dates To 05/31/2017

Approved: Paul E. Hays



March 31, 2017

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

Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station E000296

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing May 1, 2017, to use its Hagerstown, Maryland C-band earth station, call sign E000296,² to perform de-orbit maneuvers for the Intelsat 701 (S2400) satellite.³ Intelsat 701 is expected to begin de-orbiting on May 1, 2017 and the de-orbit is expected to last approximately 30 days.

The proposed Intelsat 701 deorbit operations will be performed in the following frequencies:

- 6173.7 MHz and 6176.3 MHz in the uplink (LHCP), and
- 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz in the downlink (RHCP).

The proposed operations will be coordinated with all operators of satellites that use the same frequency bands and are in the de-orbit path.

In further support of this request, Intelsat herewith 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. Intelsat will take all practical steps to ensure that the operations proposed herein do not cause harmful interference to existing terrestrial operations. In the extremely unlikely event that

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

² Intelsat is concurrently filing STA requests for E4132, E040125, and E040174 to support the Intelsat 701 de-orbit maneuvers.

³ See Intelsat License LCC, Application to Modify Authorization for Intelsat 701, File No. SAT-MOD-20160425-00040 (stamp grant June 18, 2016) (approving Intelsat’s post-mission disposal plan for the Intelsat 701 satellite).

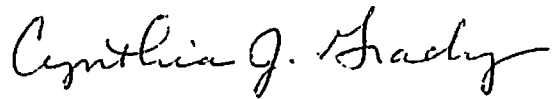
Ms. Marlene H. Dortch
March 31, 2017
Page 2

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 request will allow Intelsat to perform TT&C for the Intelsat 701 satellite during de-orbit and therefor safely transition the satellite into its graveyard orbit. As such, this request is in 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".

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais

2. Contact

| | | | |
|-------------------|-----------------------|----------------------|----------------------------|
| Name: | Cynthia J. Grady | Phone Number: | 703-559-6949 |
| Company: | Intelsat Corporation | Fax Number: | 703-559-8539 |
| Street: | 7900 Tysons One Place | E-Mail: | cynthia.grady@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 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 Hagerstown

8. Latitude
(dd mm ss.s h) 39 35 54.0 N

| | |
|--|---|
| 9. State MD | 10. Longitude (dd mm ss.s h) 77 45 35.0 W |
| 11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibit A 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: 5px 0;">IntelSat License LLC herein requests a grant of Special Temporary Authority for 30 days, commencing May 1, 2017, to use its Hagerstown, Maryland C-band earth station, call sign E000296, to perform de-orbit maneuvers for the IntelSat 701 (S2400) satellite. IntelSat 701 is expected to begin de-orbiting on May 1, 2017 and the de-orbit is expected to last</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 Cynthia J. Grady | 15. Title of Person Signing Regulatory 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

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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 30 days, commencing May 1, 2017, to use its Hagerstown, Maryland C-band earth station, call sign E000296, to perform de-orbit maneuvers for the Intelsat 701 (S2400) satellite. Intelsat 701 is expected to begin de-orbiting on May 1, 2017 and the de-orbit is expected to last approximately 30 days.