

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 Further Extension STA to Continue Using Hagerstown, Maryland Earth Station KA258 to Provide TT&C Services for Intelsat 5 (S2704) Satellite

1. Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat US LLC 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-20190128-00057



Call Sign KA258 Grant Date 04/26/2019
(or other identifier)

Term Dates
From: 04/26/2019 To: 05/26/2019

Approved: *[Signature]*

2. Contact	
Name: Cynthia J. Grady	Phone Number: 703-559-6949
Company: Intelsat US LLC	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?	
<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	
7. City/Hagerstown	8. Latitude (dd mm ss.s h) 39 35 54.6 N

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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.

Applicant: Intelsat License LLC-
File No.: SES-STA-20190128-00057
Call Sign: KA258
Special Temporary Authority



"with conditions"
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Approved: [Signature]

Intelsat License LLC- ("Intelsat") is granted a special temporary authority for 30 days, starting April 26, 2019, to operate its earth station in Hagerstown, Maryland to provide telemetry, tracking, and command ("TT&C") services for Intelsat 5 (S2704) on-station at 137.0° W.L. orbital location. Operations shall utilize frequencies 13.999 (RHCP) GHz, & 14.498 (H) GHz (Earth-to-space) and 11.451 (H,V, & RHCP) GHz, 11.452 (H,V, & RHCP) and 11.454 MHz (RHCP, and LHCP) (space-to-Earth) under the following conditions:

1. Operations will not exceed the operational power levels and parameters coordinated.
2. All operations under this grant of special temporary authority 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.
3. In the event of any harmful interference under this grant of special temporary authority, Intelsat must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
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 Intelsat satellite is Ph.: (703) -559-7701-East Coast operations Center (primary) – (310)525-5591-West Coast Operations Center (back-up). Requests to speak with Harry Burnham or Kevin Bell.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's risk.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
7. Operations during the period February 03, 2019 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. § 1.62.

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.



INTELSAT.

Envision. Connect. Transform.

January 28, 2019

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

Re: Request for Further Extension of Special Temporary Authority
Hagerstown, Maryland Earth Station KA258

Dear Ms. Dortch:

IntelSat License LLC (“IntelSat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide telemetry, tracking, and command (“TT&C”) services² for IntelSat 5 (Call Sign S2704) on station at 137.0° W.L.³ IntelSat 5 arrived at 137.0° W.L. on May 30, 2018.⁴

TT&C operations will continue to be performed in the following frequencies: 14498 MHz (H) and 13999 MHz (RHCP) in the uplink; and 11451 MHz (H, V, and RHCP), 11452 MHz (H, V, and RHCP), and 11454 MHz (RHCP, and LHCP) in the downlink. On-station at 137.0° W.L., IntelSat will continue operate in conformance with FCC rules and any relevant coordination agreements.

In further support of this request, IntelSat incorporates by reference Exhibit A submitted with its original STA request,⁵ 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, or into Federal systems operating in the

¹ IntelSat has filed its STA request, an FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See, e.g. *Satellite Communications Services Information; Actions Taken*, Report No. SES-02130, File No. SES-STA-20181217-03518 (Jan. 2, 2019) (Public Notice).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-01361, File No. SAT-MOD-20180501-00036 (Nov. 30, 2018) (Public Notice).

⁴ IntelSat is also utilizing the following antennas on station for IntelSat 5: KL92, E060384, and E140121.

⁵ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02064, File No. SES-STA-20180504-00490 (May 23, 2018) (Public Notice).

IntelSat US LLC

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Ms. Marlene H. Dortch
January 28, 2019
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13.75-14.00 GHz band. 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 further extension request will allow Intelsat to continue safely station-keep Intelsat 5 at its new location. This, in turn, will help meet a new service demand at the 137.0° W.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Paul Blais