

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for an Additional 60 Days of Special Temporary Authority to Use Riverside, California Earth Station E020126 to Provide TT&C for the HISPASAT 143W-1 Drift and On-station at 143 W.L.

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		

60 days "with conditions"

File # SES-STA-20200220-00179

Call Sign E020126 Grant Date 02/28/2020
(or other identifier)

Term Dates
From: 02/28/2020 To: 04/28/2020

Approved: 



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 type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City/Riverside	
8. Latitude (dd mm ss.s h) 33 47 48.0 N	

9. State	CA	10. Longitude (dd mm ss.s h) 117 5 16.0 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;"> <p>Intelsat License LLC herein requests an additional 60 days of Special Temporary Authority previously granted to Intelsat to use its Riverside, California Ku-band earth station (Call Sign E020126) to provide telemetry, tracking, and command services for HISPASAT 143W-1 during its drift to and at 143 W.L.</p> </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	Cynthia J. Grady	
15. Title of Person Signing	Senior Counsel, Intelsat US LLC	
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.

Applicant: Intelsat License LLC
Call Sign: E020126
File No.: SES-STA-20200220-00179
Special Temporary Authority (STA)



60 days "with conditions"
File # SES-STA-20200220-00179

Call Sign E020126 Grant Date 02/28/2020
(or other identifier)
Term Dates
From: 02/28/2020 To: 04/28/2020
Approved: [Signature]

Intelsat License LLC ("Intelsat") is granted an extension of special temporary authority for 60 days to operate its Riverside, CA fixed earth station antenna at geographic coordinates 33° 47' 48"N/117° 05' 12"W to provide telemetry, tracking, and command (TT&C) services for HISPASAT 143W-1 at 143°W.L in the following center frequencies: 14498.7 MHz (Earth-to-space) and 12749.75 MHz (space-to-Earth). Operations are authorized under the following conditions:

1. 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 from, any other lawfully operating radio communication system.
2. In the event of any harmful interference, Intelsat shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
3. Operations shall be within the licensed parameters.
4. Grant of this special temporary authority does not constitute a grant of U.S. market access for HISPASAT 143W-1 at the 143° W.L. orbital location.
5. The 24/7 contact information for the HISPASAT 143W-1 operations is as follows: (703) 559-7701- East Coast Operations Center (primary), (301) 525-5591- West Coast Operations Center (back-up).
6. Grant of this special temporary authority is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
7. Any action taken, or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's risk.
8. Operations of this authorization during the period from expiration of February 27, 2020, IBFS File No. SES-STA-20191218-01756, to the grant of this special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62.

This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.



February 20, 2020

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
Riverside, California Earth Station; Call Sign E020126

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 60 days of Special Temporary Authority¹ ("STA") previously granted to Intelsat to use its Riverside, California Ku-band earth station (Call Sign E020126) to provide telemetry, tracking, and command ("TT&C") services for HISPASAT 143W-1² during the satellite's drift to, and on-station at 143° W.L.³ HISPASAT 143W-1 arrived at 143° W.L. on February 18, 2020. Intelsat will be seeking permanent authority for E020126 to provide TT&C services to HISPASAT 143W-1 at 143° W.L.

The HISPASAT 143W-1 TT&C operations will continue to be performed in the following center frequencies: 14498.7 MHz in the uplink and 12749.75 MHz in the downlink.

The 24x7 contact information for the HISPASAT 143W-1 operations 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.

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.

² See *Policy Branch Information, Actions Taken*, Report No. SAT-01044, File No. SAT-PPL-20140717-00086 (Oct. 3, 2014) (Public Notice). HISPASAT 143W-1 was previously known as HISPASAT 30W-4 and HISPASAT-1D. Intelsat is seeking authorization to add HISPASAT 143W-1 to the Approved Space Station List. See *Satellite Policy Branch Information, Space Station Applications Accepted for Filing*, Report No. SAT-01439, File No. SAT-PDR-20191205-00143 (Jan. 17, 2020) (Public Notice).

³ See *Satellite Communications Services Information, Actions Taken*, Report No. 02233, File No. SES-STA-20191218-01756 (Jan. 15, 2020) (Public Notice).

In support of this request, Intelsat respectfully requests waivers of the U.S. Table of Frequency Allocations⁴ for the 12.7-12.75 GHz frequency band and, to the extent necessary, Section 25.137 of the Federal Communications Commission's rules regarding requests for U.S. market access through non-U.S.-licensed space stations⁵ for the reasons previously stated.⁶

In further support of this request, Intelsat incorporates by reference Exhibit A of its original request,⁷ 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 commercial 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 allow Intelsat to ensure the safe station-keeping of the HISPASAT 143W-1 satellite, and thereby promotes the public interest.

Please direct any questions regarding this STA 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

⁴ See 47 C.F.R. § 2.106.

⁵ 47 C.F.R. § 25.137.

⁶ See *supra* n. 3.

⁷ See *id.*