

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 Paumalu, Hawaii Earth Station E120008

1. Applicant

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



File # SES-STA-20170222-00191
Call Sign E12008 Grant Date 4/4/17
(or other identifier) Term Dates
From: 6-1-17 To: 11-28-17
Approved: [Signature]

Application: Intelsat License, LLC
File No.: SES-STA-20170222-00191
Call Sign: E120008
Special Temporary Authority

Intelsat License LLC is granted a special temporary authority for 180 days, beginning June 1, 2017 to November 28, 2017, to operate its fixed earth stations in Paumalu, Hawaii (call signs: E120008), to provide telemetry, tracking, and command ("TT &C") to the Intelsat 1R (S2368) satellite during its drift from 50.1° W.L. to 169.2° E.L., and on-station at 169.2° E.L., using the following frequencies: 14498.50 MHz (Earth-to-space); and 11696.00 MHz and 11697.00 MHz (space-to-Earth) under the following conditions:

1. 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 1R satellite 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.
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 as a result of operations under this grant Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
4. Grant of this special temporary authority is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat License, LLC's risk.
6. 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.



File # SES-STA-20170222-00191
Call Sign E120008 Grant Date 4-14-17
(or other identifier)
Term Dates
From: 6-1-17 To: 11-28-17
Approved: [Signature]

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?	
<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/Paumalu	
8. Latitude (dd mm ss.s h) 21 40 17.8 N	

12. Description

Intelsat License LLC herein requests 180 days, beginning June 1, 2017, of Special Temporary Authority to use its Paumalu, Hawaii Ku-band earth station, call sign E120008, to provide telemetry, tracking, and command services for Intelsat 1R (S2368) during its drift from 50.1 W.L. to 169.2 E.L. and on-station at 169.2 E.L. Intelsat 1R began drifting on January 2, 2017, and the drift will take approximately four months.



INTELSAT

Envision. Connect. Transform.

February 22, 2017

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

Re: Request for Special Temporary Authority
Paumalu, Hawaii Earth Station E120008

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 180 days, beginning June 1, 2017, of Special Temporary Authority (“STA”)¹ to use its Paumalu, Hawaii Ku-band earth station—call sign E120008—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 1R (S2368) during its drift from 50.1° W.L. to 169.2° E.L. and on-station at 169.2° E.L. Intelsat 1R began drifting on January 2, 2017, and the drift will take approximately four months.²

TT&C operations will be performed in the following frequencies: 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth). 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.

The proposed TT&C operations at 169.2° E.L. will be consistent with Intelsat’s coordination agreements for the nominal 169° E.L. orbital location. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

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 See *Policy Branch Information; Actions Taken*, Report No. SAT-01208, File No. SAT-STA-20161018-00099 (granted in part and deferred in part) (Dec. 23, 2016) (Public Notice).

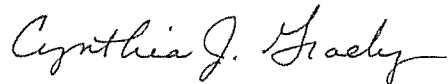
³ Intelsat will handle the coordination.

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February 22, 2017
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Grant of this STA request will allow Intelsat to drift the Intelsat 1R satellite to, and safely station-keep the satellite, at its new location. This, in turn, will help Intelsat meet a potential service demand at the 169.2° 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,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais