

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Further Extension of Special Temporary Authority Using Hagerstown, Maryland Earth Station KA258

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		

30 days "Extension with conditions"



File # SES-STA-20160301-00187
Call Sign KA258 Grant Date 03/03/2016
(or other identifier)
Term Dates
From 03/07/2016 To: 04/05/2016
Approved: Paul E. Hays

Application: Intelsat License LLC
Call Sign: KA258
File No.: SES-STA-20160301-00187
Special Temporary Authority (STA)



File# SES-STA 20160301-00187

Call Sign KA258 Grant Date 03/03/2016
(or other identifier)

From 03/07/2016 Term Dates 04/05/2016
To

Approved: Paul E. Blais

Intelsat License LLC is granted a STA extension from SES-STA-20160201-00118, for 30 days, beginning March 7, 2016, to operate its Ku-band earth station, call sign KA258, in Hagerstown, Maryland, to conduct telemetry, tracking, and command ("TT&C") operations with the Intelsat 16 satellite (S2750) to drift the space station from the 76.2° W.L. orbital location to the 58.1° W.L., under the following conditions:

1. Intelsat will perform the operations in the uplink frequencies (Earth-to-space): 13997.50 MHz and 14499.50 MHz and the downlink frequencies (space-to-Earth): 12198.25 MHz and 12198.75 MHz, within coordinated emission and power limits. The maximum EIRP shall not exceed 85 dBW per NTIA manual US 356.
2. During the drift from 76.2° W.L. to the satellite's permanent orbital location 58.1° W.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.
3. 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 30 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.
4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's KA258 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
5. In the event of any harmful interference under this grant of STA, Intelsat License LLC KA258 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License LLC's risk.
8. Operations in the 13.75-14.0 GHz band may only exceed 85 dBw/carrier if an emergency situation exists and the applicant must notify FCCOperationCenter@fcc.gov of the situation with a copy to paul.blais@fcc.gov.

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.

March 1, 2016

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 thirty days, beginning March 7, 2016, of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Hagerstown, Maryland Ku-band earth station—call sign KA258—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 16 (S2750)² during its drift from 76.2° W.L. to 58.1° W.L.³ Intelsat 16 began drifting January 22, 2016. The drift is expected to take ten weeks.

TT&C operations will continue to be performed in the following frequencies: 12198.25 MHz, 12198.75 MHz, 13997.5 MHz, and 14499.5 MHz. The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.⁴ 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.

¹ Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² See *Satellite Communications Services information; Actions Taken*, Report No. SES-01828, File No. SES-STA-20160201-00118 (Feb. 24, 2016) (Public Notice); *Satellite Communications Services information; Actions Taken*, Report No. SES-01813, File No. SES-STA-20151222-00967 (Jan. 13, 2016) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01806, File No. SES-STA-20151130-00881 (Dec. 9, 2015) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01795, File No. SES-STA-20151016-00766 (Nov. 4, 2015) (Public Notice)

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-01114, File No. SAT-STA-20150925-00066 (Oct. 23, 2015) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-01121, File No. SAT-STA-20150925-00067 (Dec. 4, 2015) (Public Notice).

⁴ Intelsat will handle the coordination.

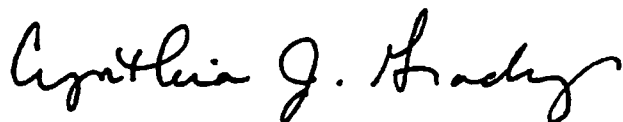
Ms. Marlene H. Dortch
March 1, 2016
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In further support of this extension request, Intelsat incorporates by reference Exhibit A submitted with its original request, which contains technical information that demonstrates that the operation of the earth 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 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 complete the drift of the Intelsat 16 satellite to its new location. This, in turn, will help satisfy customer demand at 58.1° W.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,

A handwritten signature in black ink, reading "Cynthia J. Grady". The signature is written in a cursive style with a large initial 'C' and a long, sweeping tail.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais