

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 Extension Utilizing Nuevo, Riverside, California Earth Station, Call Sign E170039, to Provide LEOP Services for Al Yah 3 Satellite

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		



File # SES-STA-20180220-00140
E170039 Grant Date 3-26-18
(or other identifier)
From: MS-18 Term Dates 5-5-18
To: 5-5-18
Approved: [Signature]

Applicant: Intelsat License LLC
Call Sign: E170039
File No.: SES-STA-20180220-00140

Intelsat License LLC ("Intelsat") is granted special temporary authority (STA) for 30 days, beginning April 05, 2018, to operate its Riverside, CA fixed earth station to provide launch and early orbit phase (LEOP) services for Al Yah 3 satellite, in the 29997.5 MHz, and 29999.5 MHz (Earth-to-space) and 20198.5 MHz and 20199.5 MHz (space-to-Earth) frequencies licensed by the United Arab Emirates, as it drifts to its permanent location of 20.0° W.L. orbital location under the following conditions:

1. Operations, shall not cause harmful interference to or claim protection from other lawfully operating stations and it shall cease transmission(s) immediately upon notice of such interference
2. 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 Al Yah 3 LEOP mission is as follows: Ph.: 24/7 point of contact.: (703)559-7701-East Coast Operations Center (primary), and (310) 525-5591-West Coast Operations Center (back-up). Request to speak with Harry Burnham or Kevin Bell.
3. Intelsat will maintain full operational control with Al Yah 3 satellite at all times.
4. Intelsat will maintain Al Yah 3 satellite with an east-west longitudinal station-keeping tolerance of +/- 0.05 degree at 20.0° W.L. orbital location.
5. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat.
7. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat applications.

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-20180220-00140
E170039
Call Sign E170039 Grant Date 3/26/18
(or other identifier)
Term Dates
From: 4/5/18 To: 5/5/18
Approved: [Signature]

2. Contact			
Name:	Susan H. Crandall	Phone Number:	703-559-7848
Company:	Intelsat Corporation	Fax Number:	703-559-8539
Street:	7900 Tysons One Place	E-Mail:	susan.crandall@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/Nuevo			
8. Latitude (dd mm ss.s h) 33 47 42.7 N			

9. State CA	10. Longitude (dd mm ss.h) 117 5 22.5 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.) Intelsat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted Intelsat to use its Nuevo, Riverside, California earth station, call sign E170039, to provide launch and early orbit phase services for the Al Yah 3 satellite. Al Yah 3 was launched on January 25, 2018. Intelsat is seeking an additional 30 days to	
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 Susan H. Crandall	15. Title of Person Signing Assoc. General 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).	

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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.

12. Description

Intelsat License LLC herein requests an additional 30 days of Special Temporary Authority previously granted Intelsat to use its Nuevo, Riverside, California earth station, call sign E170039, to provide launch and early orbit phase services for the Al Yah 3 satellite. Al Yah 3 was launched on January 25, 2018. Intelsat is seeking an additional 30 days to complete LEOP operations.



INTELSAT

Envision. Connect. Transform.

February 20, 2018

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

Re: Request for Extension of Special Temporary Authority
Nuevo, Riverside, California Earth Station E170039

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Nuevo, Riverside, California earth station—call sign E170039—to provide launch and early orbit phase (“LEOP”) services for the Al Yah 3 satellite.² Al Yah 3 was launched on January 25, 2018.³ Intelsat is seeking an additional 30 days to complete LEOP operations.

The Al Yah 3 LEOP operations will continue to be performed in the following frequencies: 29997.5 MHz and 29999.5 MHz (RHCP) in the uplink, and 20198.5 and 20199.5 MHz (LHCP) in the downlink. The LEOP operations are being coordinated with all operators of satellites that use the same frequency bands and are in the LEOP 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 for the Al Yah 3 LEOP 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.

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

² See *Satellite Communications Services Information; Actions Taken*, Public Notice, Report No. SES-02023, File No. SES-STA-20171218-01339 (Jan. 3, 2018).

³ The in-orbit testing and the permanent orbital location of Al Yah 3, which Intelsat understands is licensed by the United Arab Emirates, will be 20.0° W.L.

⁴ Orbital ATK, the manager of the Al Yah 3 LEOP mission, is handling the coordination.

Ms. Marlene H. Dortch
February 20, 2018
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In further support of this request, Intelsat incorporates by reference requests for waiver of Sections 25.137 and 25.114 of the Commission's rules submitted as Exhibit A in its original STA request.⁵ In the extremely unlikely event that harmful interference should occur due to transmission to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Finally, Intelsat clarifies that during the mission, Orbital ATK will continue to serve as the mission manager. Orbital ATK will build and send the commands to the Intelsat antenna, which will process and execute the commands. Telemetry received by Intelsat will be forwarded to Orbital ATK. Intelsat will perform the ranging sessions by sending a tone to the spacecraft periodically. Intelsat will remain in control of the baseband unit, RF equipment, and antenna.

Grant of this STA extension request will allow Intelsat to help launch the AL Yah 3 satellite. This, in turn, will help provide services at the 20.0° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA extension request to the undersigned at (703) 559-7848.

Respectfully submitted,

/s/ Susan H. Crandall
Susan H. Crandall
Associate General Counsel
Intelsat Corporation

cc: Paul Blais

⁵ See *Application of Intelsat License LLC*, Call Sign E170039, File No. SES-STA-20171218-01339, Exhibit A (filed Dec. 18, 2017).