

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
30-Day STA Extension Request to Provide TT&C Services to SPACEWAY 1 During Satellite Drift (E070123)

1. Applicant

Name: DIRECTV Enterprises, LLC Phone Number: 310-964-3589
DBA Name: Fax Number:
Street: 1120 20th Street, NW E-Mail: nm704u@att.com
Suite 1000
City: Washington State: DC
Country: USA Zipcode: 20036
Attention: Navid Motamed

30 days "with conditions"

File # SES-STA-20180824-02309



GRANTED
International Bureau

Call Sign: E070123 Grant Date: 08/29/2018
(or other identifier)

Term Dates
From: 08/31/2018 To: 10/01/2018

Approved: *Navid Motamed*

2. Contact			
Name:	Jennifer D. Hindin	Phone Number:	202-719-4975
Company:	Wiley Rein LLP	Fax Number:	202-719-7049
Street:	1776 K Street, NW	E-Mail:	jhindin@wileyrein.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20006 -
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/Long Beach			
8. Latitude (dd mm ss.s h) 33 49 44.3 N			

9. State	CA
10. Longitude (dd mm ss.s h)	118 12 43.4 W
11. Please supply any need attachments.	Attachment 1: Narrative
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.)	<p>DIRECTV Enterprises, LLC respectfully requests an extension of its grant of special temporary authority for an additional 30 days commencing August 31, 2018 to use its Long Beach, California earth station (Call Sign E070123) to provide telemetry, tracking, and command services for its SPACEWAY 1 satellite (Call Sign S2191) during the satellite's</p>
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.	<p>Yes <input checked="" type="radio"/> No <input type="radio"/></p>
14. Name of Person Signing	Navid Motamed
15. Title of Person Signing	Asst. Vice President Satellite Systems Engineering
<p>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).</p>	

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12. Description

DIRECTV Enterprises, LLC respectfully requests an extension of its grant of special temporary authority for an additional 30 days commencing August 31, 2018 to use its Long Beach, California earth station (Call Sign E070123) to provide telemetry, tracking, and command services for its SPACEWAY 1 satellite (Call Sign S2191) during the satellite's drift from its previous location at 102.925 W.L. to its newly authorized location at 138.9 W.L. and to maintain the satellite at the 138.9 W.L. orbital location.

Applicant: DIRECTV Enterprises LLC-
Call Sign: E070123
File NO.: SES-STA-20180824-02309



File # SES-STA-20180824-02309

Call Sign E070123 Grant Date 08/29/2018
(or other identifier)

Term Dates
From: 08/31/2018 To: 10/01/2018

Approved: [Signature]

DIRECTV Enterprises LLC- ("DIRECTV") is granted special temporary authority (STA) for 30 days, beginning August 31, 2018, to operate its Long Beach, CA earth station with the SPACEWAY 1 (S2191) satellite to provide telemetry, tracking, and control ("TT&C") communications on center frequencies 29.5013021 GHz, and 29.509 1146 GHz (Earth-to-space); 19.70125 GHz and 19.70225 MHz GHz (space-to-Earth) during SPACEWAY 1's drift from 102.95° W.L to 138.9° W.L orbital location subject to the following conditions:

1. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future DIRECTV applications.
2. All operations under this grant of STA shall be on an unprotected and noninterference basis and DIRECTV IS obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.
3. DIRECTV will maintain full operational control of SPACEWAY1 satellite at all times.
4. DIRECTV will maintain SPACEWAY1 (S2191) at 138.9° W.L. with an east-west longitudinal station-keeping tolerance of $+1-0.05$ degree.
5. In the event of any harmful interference as a result of operations under this grant of STA, DIRECTV shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
6. In connection with the provision of service in any particular country, DIRECTV will comply with the applicable laws, regulations, rules, and licensing procedures of that country.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at DIRECTV.
8. During drift operations, all transponders other than TT&C transponders will be turned off.

This grant is issued pursuant to Section 0.26 1 of the Commission's rules on delegated authority, 47 C.F.R. § 0.26 1, and is effective upon release.

EXHIBIT 1
REQUEST FOR SPECIAL TEMPORARY AUTHORITY

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests an extension of its grant of special temporary authority (“STA”)¹ for an additional 30 days commencing August 31, 2018 to use its Long Beach, California earth station (Call Sign E070123) to provide telemetry, tracking, and command (“TT&C”) services for its SPACEWAY 1 satellite (Call Sign S2191) during the satellite’s drift from its previous location at 102.925° W.L. to its newly authorized location at 138.9° W.L. and to maintain the satellite at the 138.9° W.L. orbital location.²

On April 25, 2018, the Commission granted DIRECTV authority to relocate SPACEWAY 1 from 102.925° W.L. to 138.9° W.L. and to conduct TT&C functions related to drifting SPACEWAY 1 to, and maintaining the space station at, the 138.9° W.L. orbital location.³ The drift to 138.9° W.L. began on August 6, 2018, and the drift period is expected to last approximately 60 days. On July 31, 2018, the Commission granted DIRECTV’s request for special temporary authority for 30 days beginning August 1, 2018 to use the earth station to provide TT&C services to the SPACEWAY 1 satellite during the initial drift period.⁴ On August 9, 2018, DIRECTV filed a 180-day STA request to cover the remaining drift period.⁵

Accordingly, DIRECTV respectfully submits this STA extension request for authority to use the

¹ DIRECTV has filed this STA request, an FCC Form 159, and a \$200.00 filing fee electronically via the International Bureau’s Filing System.

² See *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01313, File No. SAT-MOD-20170912-00129 (Public Notice). On July 16, 2018, DIRECTV filed a notification of minor modification to its Long Beach, California earth station (Call Sign E070123) to change the western satellite arc limit (Box E55 on Schedule B) from 120.0W to 140.0W for all authorized frequency ranges. See *Notification of Minor Modification to Change Western Satellite Arc Limit for Call Sign E070123*, File No. SES-MOD-20180716-02038.

³ See *Modification Request to Relocate SPACEWAY 1 to 138.9° W.L. and Extend License Term*, File No. SAT-MOD-20170912-00129, Stamp Grant (Apr. 25, 2018).

⁴ See *STA Request to Provide TT&C Services to SPACEWAY 1 During Satellite Drift (E070123)*, File No. SES-STA-20180726-02035 (granted July 31, 2018).

⁵ See *180-Day STA Request to Provide TT&C Services to SPACEWAY 1 During Satellite Drift (E070123)*, File No. SES-STA-20180809-02122.

earth station to provide TT&C services to the SPACEWAY 1 satellite for an additional 30-day period beginning August 31, 2018 while DIRECTV's 180-day STA request remains pending before the Commission.

The range of earth station frequencies requested to provide TT&C services for SPACEWAY 1 are:

- 29501.3021 MHz and 29509.1146 MHz (T); and
- 19701.25 MHz and 19702.25 MHz (R).

The drift operations will continue to be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.⁶ 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. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, DIRECTV will take all reasonable steps to eliminate the interference.

Grant of this STA request is in the public interest because it will facilitate the relocation of SPACEWAY 1 from 102.925° W.L. to 138.9° W.L. This, in turn, will provide additional capacity to customers at the 138.9° W.L. location, thereby promoting the public interest. Accordingly, DIRECTV respectfully requests that the Commission grant this request.

⁶ Intelsat License, LLC will handle the coordination.