

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA Request to Add TT&C Emission Designators for Call Sign E050255 Prior to Grant

1. Applicant

<b>Name:</b>	DIRECTV Enterprises, LLC	<b>Phone Number:</b>	202-457-3032
<b>DBA Name:</b>		<b>Fax Number:</b>	
<b>Street:</b>	1120 20th Street, NW Suite 1000	<b>E-Mail:</b>	jackie.flemming@att.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036
<b>Attention:</b>	Jacquelyne Flemming		



File # SES-STA 20171020-01189  
 Call Sign E050255 Grant Date 10-27-17  
 (or other identifier)  
 Term Dates From: 10-31-17 To: 12-30-17  
 Approved: [Signature]

<b>2. Contact</b>			
<b>Name:</b>	Jennifer D. Hindin	<b>Phone Number:</b>	202-719-4975
<b>Company:</b>	Wiley Rein LLP	<b>Fax Number:</b>	202-719-7049
<b>Street:</b>	1776 K Street, NW	<b>E-Mail:</b>	jhindin@wileyrein.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20006 -
<b>Attention:</b>		<b>Relationship:</b>	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 SESMOD2017100901116 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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other			
6. Requested Use Prior Date			
10/31/2017			
7. City/Long Beach		8. Latitude	
		(dd mm ss.s h) 33 49 44.4 N	

9. State CA	10. Longitude (dd mm ss.s h) 118 12 43.9 W
11. Please supply any need attachments. Attachment 1: Exhibit 1	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>DIRECTV Enterprises, LLC requests a grant of special temporary authority for 60 days beginning October 31, 2017 to add new emission designators for telemetry, tracking, and control at its Long Beach, California earth station (Call Sign E050255) pending grant of its modification application.</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"; party to the application; for these purposes.	Yes <input checked="" type="radio"/> No <input type="radio"/>
14. Name of Person Signing Jack Wengryniuk	15. Title of Person Signing Distinguished Member of the Technical Staff
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.**

**EXHIBIT 1**  
**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**

DIRECTV Enterprises, LLC (“DIRECTV”) respectfully requests a grant of special temporary authority (“STA”)<sup>1</sup> for 60 days commencing October 31, 2017 to add new emission designators for telemetry, tracking, and control (“TT&C”) at its Long Beach, California earth station (Call Sign E050255) prior to grant of its pending modification application.<sup>2</sup> DIRECTV filed a modification application on October 9, 2017 to add five new emission designators for TT&C to each of the earth station’s two 8.1 meter Ka-band antennas.<sup>3</sup> The pending modification application contains complete technical details regarding the proposed TT&C emission designators, which are incorporated by reference here.

Grant of special temporary authority will serve the public interest by ensuring safe flight operations through the provision of TT&C services to DIRECTV satellites during their on-orbit operation. DIRECTV understands that all operations pursuant to a grant of special temporary authority will be on a non-interference basis. DIRECTV does not anticipate that addition of the TT&C emission designators to the earth station’s two Ka-band antennas will cause any harmful interference or adversely affect any other authorized users. DIRECTV further understands that any grant of special temporary authority will be without prejudice to action on the underlying pending modification application.

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

<sup>2</sup> See File No. SES-MOD-20101009-01116.

<sup>3</sup> See *id.*

Applicant: DIRECTV Enterprises, LLC  
File No.: SES-STA-20171020-01189  
Call Sign: E050255  
Special Temporary Authority (STA)

DIRECTV Enterprises, LLC is granted a special temporary authority for 60 days, beginning October 31, 2017, to operate two 8.1 meter Ka-band earth station antennas located at 33° 49' 44.4' N, 118° 12' 43.9' W in Long beach, California to provide telemetry, tracking, and command (TT&C) services to communicate with Spaceway-1 (S2191) satellite at 103° W.L. and Spaceway-2 (S2133) satellite at 99° W.L., using the following center frequency bands: 18300-18800 MHz and 19700-20200 MHz (space-to-Earth) and 29250-3000 MHz (Earth-to-space), under the following conditions:

1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, DIRECTV must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station.
2. In the event of any harmful interference under this grant of special temporary authority, DIRECTV must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
3. DIRECTV must coordinate its TT&C operations with all other potentially affected operators and ensure that no harmful interference results.
4. The 17.8 - 20.2 GHz band is shared with U.S. Government space stations and associated earth stations in the fixed Satellite Services. Services within the United States over the satellite network of which this is a cooperating earth station are subject to coordination under US334 and operation of the earth station(s) authorized herein will be subject to any technical constraints resulting from this coordination. See 47 C.F.R. Section 2.106, Footnote US334.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DIRECTV's own risk.
6. Grant of this special temporary authority is without prejudice to any determination that the Commission may make regarding pending application SES-LIC-20171009-01116.
7. 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.



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(or other identifier)  
Term Dates  
From: 10-31-17 To: 12-30-17  
Approved: Paul E. Kleeb

<b>2. Contact</b>	
<b>Name:</b> Jennifer D. Hindin	<b>Phone Number:</b> 202-719-4975
<b>Company:</b> Wiley Rein LLP	<b>Fax Number:</b> 202-719-7049
<b>Street:</b> 1776 K Street, NW	<b>E-Mail:</b> jhindin@wileyrein.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20006 -
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