

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA request for D12 earth station E090076 (30 days) TTC & Drift

1. Applicant

<b>Name:</b>	DIRECTV Enterprises, LLC	<b>Phone Number:</b>	301-663-0053
<b>DBA Name:</b>		<b>Fax Number:</b>	240-358-0569
<b>Street:</b>	2230 E. Imperial Hwy	<b>E-Mail:</b>	jwengryniuk@directv.com
<b>City:</b>	El Segundo	<b>State:</b>	CA
<b>Country:</b>	USA	<b>Zipcode:</b>	90245 -
<b>Attention:</b>	Jack Wengryniuk		

*With Conditions*



File # SES-STA-20091202-01523

Call Sign E090076 Grant Date 3/8/2010  
(or other identifier)

Term Dates  
From 3/8/2010 To: 4/06/2010

Approved: Robert J. Medley

*Chief, Satellite Engng Br.*

ATTACHMENT

SES-STA-20091202-01523  
E090076

Conditions:

1. User provide a 24/7 POC Boeing Flight Director at (310) 744-9076 be available during the IOT.
2. User will notify AFFMA (robert.lando@pentagon.af.mil, 703-428-1513) 24 hours prior to the beginning of operations and after operations have been completed.

*With Conditions*



File # SES-STA-20091202-01523

Call Sign E090076 Grant Date 3/8/2010  
(or other identifier)

Term Dates  
From 3/8/2010 To: 4/6/2010

Approved: Robert Lando  
*Chief, Satellite Systems*

**2. Contact**

<b>Name:</b>	William M. Wiltshire	<b>Phone Number:</b>	202-730-1350
<b>Company:</b>	Wiltshire & Grannis LLP	<b>Fax Number:</b>	202-730-1301
<b>Street:</b>	1200 18th Street, NW	<b>E-Mail:</b>	wwiltshire@wiltshiregrannis.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	-
<b>Attention:</b>	William M. Wiltshire	<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 or Submission ID

4a. Is a fee submitted with this application?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity     Noncommercial educational licensee

Other (please explain):

4b. Fee Classification    CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

Use Prior to Grant

Change Station Location

Other

6. Requested Use Prior Date

7. CityNew Hampton	8. Latitude (dd mm ss.s h) 43 37 26.7 N
9. State NH	10. Longitude (dd mm ss.s h) 71 38 32.5 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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">DIRECTV Enterprises, LLC requests Special Temporary Authority for up to 30 days to conduct telemetry, tracking and control operations for the DIRECTV 12 satellite during relocation after in-orbit testing.</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"; for these purposes. <span style="float: right;">Yes              No</span>	
14. Name of Person Signing James Butterworth	15. Title of Person Signing Senior Vice President
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).	

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PER, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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.**

**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**  
*Call Signs: E070027 and E090076*

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests Special Temporary Authority (“STA”) for up to 30 days to conduct telemetry, tracking and control (“TT&C”) operations for the DIRECTV 12 satellite (call sign S2797), from its Castle Rock, Colorado and New Hampton, New Hampshire earth stations (call signs E070027 and E090076, respectively) during relocation of the satellite.<sup>1</sup> DIRECTV will use 29255.00 and 29497.00 MHz for its command uplinks and 18302.25 and 18302.75 MHz for its telemetry downlinks. DIRECTV requests that the STA be structured to begin upon completion of in-orbit testing of the satellite at 76° W.L. through its relocation to its requested operational location at 103° W.L. (nominal).

DIRECTV 12 is scheduled for launch in late December 2009. DIRECTV has requested temporary authority to conduct IOT of the Ka-band payload at 76° W.L. before moving the satellite to its licensed orbital location.<sup>2</sup> The STA requested herein will support the relocation phase of the DIRECTV 12 mission by performing TT&C during the drift from the 76° W.L. location to its operational location. DIRECTV is requesting authority for two earth stations to ensure the maximum amount of flexibility in conducting these operations, and in the interest of redundancy should a problem arise with one of the antennas. DIRECTV will coordinate with potentially affected satellite operators in accordance with industry practice, and will operate on a non-interference basis.

The requested STA will serve the public interest by ensuring that the DIRECTV 12 satellite arrives at its licensed orbital location safely and in good working order so that it can make productive use of valuable spectrum/orbital resources as soon as possible. Accordingly, DIRECTV respectfully requests that the Commission grant this STA request as expeditiously as possible.

---

<sup>1</sup> These earth stations are licensed to operate across the entire Ka band (18.3-18.8/19.7-20.2 GHz downlink, 28.35-28.6/29.25-30.0 GHz uplink), and include authorizations for TT&C operations.

<sup>2</sup> See FCC File No. SAT-STA-20091201-00133.