

E930229 SES-STA-20050518-00617 IB200500107:  
DIRECTV Enterprises, LLC

Approved by OMB  
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
DIRECTV Ent. 30 day STA for E930229 - DTV 5

1. Applicant

<b>Name:</b>	DIRECTV Enterprises, LLC	<b>Phone Number:</b>	310-964-3577
<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		



File# SES-STA-20050518-00617

Call Sign E930229 Grant Date August 24, 2005  
(or other identifier)

Term Dates  
From September 2, 2005 To October 1, 2005

Approved: Jeanette K. Sprigge

**2. Contact**

<b>Name:</b>	William M. Wiltshire	<b>Phone Number:</b>	202-730-1350
<b>Company:</b>	Harris, Wiltshire & Grannis, LLP	<b>Fax Number:</b>	202-730-1301
<b>Street:</b>	1200 18th Street, NW	<b>E-Mail:</b>	wwiltshire@harriswiltshire.com
	12th Floor		
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036 -
<b>Attention:</b>		<b>Relationship:</b>	Legal Counsel

**3. Reference File Number**

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. City Ellenwood

8. Latitude  
(dd mm ss.s h) 33 39 50.0 N

9. State GA	10. Longitude (dd mm ss.s h) 84 16 24.0 W
11. Please supply any need attachments. Attachment 1: Exhibit A                      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: 5px 0;">DIRECTV Enterprises, LLC seeks special temporary authority for up to 30 days, to perform TT &amp; C functions with the DIRECTV 5 satellite during its relocation from 72.5 W.L. to 109.8 W.L.</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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
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).	

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## REQUEST FOR SPECIAL TEMPORARY AUTHORITY

*Call Sign: E930229*

DIRECTV Enterprises, LLC ("DIRECTV") hereby requests Special Temporary Authority ("STA") to conduct telemetry, tracking and control ("TT&C") operations with the DIRECTV 5 satellite during its drift from 72.5° W.L. orbital location to 109.8° W.L. DIRECTV requests that this STA become effective upon successful transfer of traffic from DIRECTV 5 to DIRECTV 1 at 72.5° W.L., and last for up to thirty (30) days thereafter. This STA will enable DIRECTV to reposition DIRECTV 5 to replace another satellite in its fleet that is experiencing technical anomalies.

DIRECTV currently is using DIRECTV 5 to provide DBS service in the United States from the Canadian-controlled orbital location at 72.5° W.L. DIRECTV has filed applications necessary to swap DIRECTV 1 for DIRECTV 5, and to re-license DIRECTV 5 as a U.S. space station to replace DIRECTV 6, which has continued to experience anomalies that have limited its ability to generate power, at 109.8° W.L.<sup>1</sup>

DIRECTV anticipates the following chain of events in connection with the repositioning of DIRECTV 5. First, DIRECTV 1 will migrate to the 72.5° W.L. orbital location, where it will be "reflagged" as a Canadian satellite. Still under its Canadian license, DIRECTV 5 will be moved slightly (to 72.7° W.L.) to make room for DIRECTV 1 just prior to its arrival. Over the course of one evening, the traffic currently carried on DIRECTV 5 will be transferred to DIRECTV 1. Once this transfer is successfully completed, DIRECTV 5 will be available to be reflagged as a U.S. satellite, whereupon it will begin its migration to 109.8° W.L.

During the relocation of DIRECTV 5, the satellite's communications payload will remain inactive and only the TT&C payload will operate. DIRECTV requests authority to operate on the following TT&C frequencies:

Uplink:	17301 and 17305 MHz
Downlink:	12201 and 12202 MHz.

DIRECTV will coordinate with potentially affected satellite operators in accordance with industry practice, and will operate on a non-interference basis.

Grant of this STA request will serve the public interest by allowing DIRECTV to conduct the maneuvers necessary to address DIRECTV 6's failing health and ensure uninterrupted service to DIRECTV subscribers. In addition, grant of this STA request will not result in increased risk of harmful interference to any other system. This earth

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<sup>1</sup> See, e.g., FCC File Nos. SAT-STA-20050427-00091 and SAT-RPL-20050504-00093.

station is already authorized to provide TT&C services using the frequencies needed for the drift of DIRECTV 5.<sup>2</sup>

Accordingly, DIRECTV respectfully requests that the Commission grant this STA request as expeditiously as possible.

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<sup>2</sup> DIRECTV is also seeking a similar STA for a second earth station (E930304) in the interest of redundancy during the drift process.