



**APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY  
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**APPLICANT INFORMATION**

Enter a description of this application to identify it on the main menu:  
DIRECTV Ent. STA E930304 to 109.8



1. Applicant

Name: DIRECTV Enterprises, LLC Phone Number: 310-964-3577  
 DBA Name: Fax Number: 240-358-0569  
 Street: 2230 E. Imperial Hwy E-Mail: jwengryniuk@directv.com  
 City: El Segundo State: CA  
 Country: USA Zipcode: 90245 -  
 Attention: Jack Wengryniuk

2. Contact

Name: William M. Wiltshire Phone Number: 202-730-1350  
 Company: Harris, Wiltshire & Grannis, LLP Fax Number: 202-730-1301  
 Street: 1200 Eighteenth Street, NW E-Mail: wwiltshire@harriswiltshire.com  
 12th Floor  
 City: Washington State: DC  
 Country: USA Zipcode: 20036 -  
 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?  
 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

Handwritten notes and dates:

- Call Sign: E930304
- Grant Date: 9/15/05
- From: 9/18/05
- To: 10/18/05
- Approved: J. Bennett
- Term Dates: 9/18/05 - 10/18/05
- File #: SES-STA-20050914-01257

During operation of this earth station in connection with the relocation of the DIRECTV 5 satellite, DIRECTV, Inc.'s operations shall be on non-harmful interference basis, i.e., DIRECTV, Inc., shall not cause interference to, and shall not claim protection from interference caused to it by, any other lawfully operating satellites.

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 Castle Rock	8. Latitude (dd mm ss.s h) 39 16 37 N	
9. State CO	10. Longitude (dd mm ss.s h) 104 48 29 W	
11. Please supply any need attachments.		
Attachment 1: Exhibit A	Attachment 2: Attachment	Attachment 3: Attachment
12. Description. DIRECTV Enterprises, LLC, requests special temporary authority to conduct TT&C operations with DIRECTV 5 during its drift from 72.5 degrees WL to 109.8 degrees WL, from approximately September 18 through October 18, 2005.		
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	
<b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT</b> (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: E930304*

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. from approximately September 18 through October 18. This STA, which will enable DIRECTV to reposition DIRECTV 5 to replace another satellite in its fleet that is experiencing technical anomalies, will replace a previous STA that DIRECTV is unable to use due to a minor but unanticipated delay in the transfer of traffic.

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 been granted authority to swap DIRECTV 1 for DIRECTV 5 at that location and to then relocate DIRECTV 5 to 109.8° W.L. once traffic transfer is complete.<sup>1</sup> DIRECTV also has been granted an STA to use this earth station to provide TT&C for DIRECTV 5 during its drift over the specified period from September 2 to October 1.<sup>2</sup>

DIRECTV 1 has been relocated to the 72.5° W.L. orbital location, but due to unexpected complications, traffic transfer will not take place until mid-September. DIRECTV therefore will not be able to complete traffic transfer and relocation of the DIRECTV 5 satellite within the timeframe specified in the STA previously granted for this earth station, and thus will not use that STA. Accordingly, DIRECTV hereby requests a new STA to cover the revised timeframe anticipated for satellite migration to 109.8° W.L. – approximately September 18 through October 18.

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

<sup>1</sup> See *DIRECTV Enterprises, LLC*, DA 05-1890 (Int'l Bur., rel. July 14, 2005).

<sup>2</sup> See File No. SES-STA-20050518-00616.

station is already authorized to provide TT&C services using the frequencies needed for the drift of DIRECTV 5.<sup>3</sup>

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

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<sup>3</sup> DIRECTV is also seeking a similar STA for a second earth station (E930229) in the interest of redundancy during the drift process.