

E930304 SES-STA-20070308-00316 IB2007000581
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:

STA (30) - E930304 - D1 drift from 72.5 to 91

I. Applicant

Name:	DIRECTV Enterprises, LLC	Phone Number:	301-663-0053
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		

Conditions Attached



File # SES-STA-20070308-00316

Call Sign E930304 Grant Date Mar. 12, 2007
(or other identifier)

Term Dates
From Mar. 12, 2007 To April 12, 2007

Appr'd: Joanette N. Spriggs

Conditions of Authorization

File No. SES-STA-20070308-00316

March 12, 2007

DIRECTV Enterprises, LLC's (DIRECTV) request for special temporary authority, IBFS File No. SES-STA-20070308-00316, IS GRANTED. Accordingly, DIRECTV is authorized to conduct telemetry, tracking, and control communications related to the relocation of the DIRECTV 1 satellite from the 72.7° W.L. orbital location to the 91° W.L. orbital location in accordance with the terms, conditions, and technical specifications set forth in the Commission's rules and this document.

- 1) During the drift of the DIRECTV 1 satellite to the 91° W.L. orbital location, DIRECTV shall not operate the main communications payload of the satellite.
- 2) DIRECTV shall coordinate all drift orbit telemetry, tracking, and control operations with other potentially affected in-orbit operators.
- 3) During the relocation of the DIRECTV 1 satellite, operations must be on a non-harmful interference basis, that is, DIRECTV shall not cause interference to, and shall not claim protection from, interference caused by any other lawfully operating satellites or radio communications systems.
- 4) In the event that any harmful interference is caused as a result of operations during the relocation of the DIRECTV 1 satellite, DIRECTV shall cease operations immediately upon notification of such an event, and shall inform the Commission immediately, in writing, of the event.

2. Contact

Name:	William M. Wiltshire	Phone Number:	202-730-1350
Company:	Harris, Wiltshire & Grannis, LLP	Fax Number:	202-730-1301
Street:	1200 18th Street, NW	E-Mail:	wwiltshire@harriswiltshire.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:	William M. Wiltshire	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 - Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

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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.

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Call Sign: E930304

DIRECTV Enterprises, LLC ("DIRECTV") hereby requests Special Temporary Authority ("STA") for up to 30 days to conduct telemetry, tracking and control ("TT&C") operations on behalf of Telesat Canada ("Telesat") with the DIRECTV 1 satellite during its drift from the 72.7° W.L. orbital location to the nominal 91° W.L. position.

DIRECTV currently is using DIRECTV 1 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 1R for DIRECTV 1 upon its arrival at 72.5° W.L., so that DIRECTV 1 will be free to replace DIRECTV 2 and continue providing service into Canada from another Canadian orbital location.¹ Once it has received proper authorization, DIRECTV will relocate DIRECTV 1R to 72.5° W.L.. Telesat, which is operating DIRECTV 1, will move that satellite to 72.7° W.L. temporarily while communications traffic is transferred. At that point, the satellite can be moved without disruption to any subscriber services. Telesat will then turn off the communications payload on DIRECTV 1 for its relocation to 91° W.L., and will operate only the TT&C payload on that satellite using the following frequencies:

Uplink:	17303 and 17797 MHz
Downlink:	12200.5 and 12201.75 MHz

DIRECTV has already sought an STA to cover the migration of the DIRECTV 1 space station.²

Grant of this STA request will serve the public interest by allowing DIRECTV to support the maneuvers necessary to complete the final stages of a transaction with Telesat that will both bolster the Canadian DBS constellation and extend DIRECTV's rights to provide service into the U.S. from the 72.5° W.L. position. In addition, grant of this STA request will not result in increased risk of harmful interference to any other system. This earth station is already authorized to provide TT&C services using the frequencies needed for the drift of DIRECTV 1. Moreover, DIRECTV will coordinate with potentially affected satellite operators in accordance with industry practice and will operate on a non-interference basis.

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

¹ See, e.g., FCC File No. SAT-STA-20061213-00149.

² See FCC File No. SAT-STA-20070126-00019.