

Date & Time Filed: Aug 16 2007 9:54:06:946AM
File Number: SAT-STA-20070816-00115
Callsign: **52641**

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
STA - D10 - operations at 102.775

1. Applicant

Name: DIRECTV Enterprises, LLC **Phone Number:** 310-726-4993
DBA Name: **Fax Number:** 310-535-5323
Street: 2230 E. Imperial Hwy **E-Mail:** dapattillo@directv.com
City: El Segundo **State:** CA
Country: USA **Zipcode:** 90245
Attention: Dave Pattillo



File # **SAT-STA-20070816-00115**
Call Sign: _____ Date Rec'd: **8/30/07**
(or other identifier) Time Zone: **+60days**
From: _____
Approved: _____
[Signature]

w/conditions Policy Branch Chief

ATTACHMENT
Conditions of Authorization: SAT-STA-20070816-00115
Call Sign: S2641
Grant Date: August 30, 2007

The request of DIRECTV Enterprises, LLC (“DIRECTV”) for special temporary authority (STA), File No. SAT-STA-20070816-00115, IS GRANTED. Accordingly, DIRECTV IS AUTHORIZED, for a period of 60 days commencing on September 1, 2007 to conduct and telemetry, tracking and command (TT&C) operations in the 29.251 GHz and 29.493 GHz (uplink); 18.30025 GHz and 18.30075 GHz (downlink) frequencies necessary to relocate the DIRECTV 10 satellite to 102.775° W.L. orbital location. This grant includes the authority to operate the space stations feeder links in the 18.3-18.8 GHz band and the service links in the bands 28.35-28.60 GHz and 29.25-29.50 GHz frequencies during this time. This STA is granted in accordance with the terms, conditions, and technical specifications set forth in DIRECTV’s application, this Attachment, and the Commission’s rules:

1. DIRECTV shall coordinate its operations with all potentially affected operating satellite networks to ensure that no unacceptable interference results from its operates during the drift to or while at 102.775° W.L. orbital location.
2. DIRECTV’s operations shall not cause harmful interference to any lawfully operating in-orbit satellites or radio communications systems and it shall cease operations immediately upon notification of such interference and DIRECTV shall inform the FCC in writing within three days of such an event.
3. DIRECTV is required to accept interference from other lawfully operating in-orbit satellites or radiocommunication systems.
4. DIRECTV must coordinate all of its Ka-band downlink operations with Federal fixed-satellite systems, both geostationary and non-geostationary, in accordance with footnote US334 to the Table of Frequency Allocations, 47 C.F.R. § 2.106. Absent a coordination agreement pursuant to footnote US334, DIRECTV shall operate its Ka-band downlinks on a non-harmful interference basis with regards to Federal systems in the 18.3-18.8 GHz bands and must terminate its Ka-band downlink operations immediately in the event that such operations cause harmful interference into operating Federal systems. In addition, DIRECTV must accept interference from such systems absent a coordination agreement pursuant to 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. DIRECTV is afforded thirty days from the date of release of this authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
7. This Authority is granted pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.



w/conditions

File # SAT-STA-20070816-00115

Call Sign _____ Grant Date 8/30/07
(or other identifier)

Term Dates
From _____ To: + 60 days

Approved: [Signature]

Policy Branch Chief

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 SATMOD2007062600086 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 CRY - Space Station (Geostationary)			
5. Type Request			
<input type="radio"/> Change Station Location <input type="radio"/> Extend Expiration Date <input checked="" type="radio"/> Other			
6. Temporary Orbit Location 102.775			7. Requested Extended Expiration Date

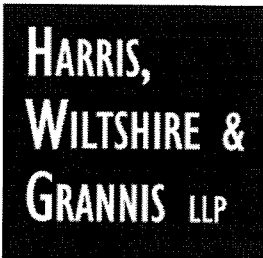
<p>8. Description (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)</p> <div style="border: 1px solid black; padding: 5px;"> <p>DIRECTV Enterprises, LLC requests authority to operate its space station at the 102.775 W. L. orbital location. See Exhibit A.</p> </div>					
<p>9. 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; party to the application; party to the application.</p> <p style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </p>					
<p>10. Name of Person Signing James Butterworth</p>	<p>11. Title of Person Signing Senior Vice President</p>				
<p>12. Please supply any need attachments.</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Attachment 1: Exhibit A</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td></td> <td>Attachment 3:</td> </tr> </table>		Attachment 1: Exhibit A	Attachment 2:		Attachment 3:
Attachment 1: Exhibit A	Attachment 2:				
	Attachment 3:				
<p>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).</p>					

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ATTORNEYS AT LAW

August 16, 2007

Marlene H. Dortch
Office of the Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, D.C. 20554

**Re: Request for Special Temporary Authority for Operation of DIRECTV 10 at
102.775° W.L.
Call Sign: S2641**

Dear Ms. Dortch:

DIRECTV Enterprises, LLC (“DIRECTV”) hereby requests Special Temporary Authority (“STA”) for sixty days to operate its DIRECTV 10 satellite at the 102.775° W.L. orbital location. The DIRECTV 10 satellite is currently licensed to operate at the 102.8° W.L. orbital location.¹ DIRECTV, however, has filed an application for modification requesting authorization to operate DIRECTV 10 at the 102.775° W.L. orbital location in order to collocate it with its SPACEWAY 1 satellite.² That application has not yet gone on public notice.

DIRECTV 10 launched successfully on July 6, 2007. Pursuant to an STA granted on July 23 (the “July 23 STA”), DIRECTV 10 is now undergoing in-orbit testing at the 102.6° W.L. orbital location.³ That STA also grants DIRECTV authority to drift the satellite to its “assigned orbital location at 102.8° W.L.”⁴ (and thus does not specify that DIRECTV may drift the satellite to the 102.775° W.L. orbital location instead, as requested in DIRECTV’s pending modification application).

¹ See FCC File No. SAT-LOA-20040909-00169.

² See FCC File No. SAT-MOD-20070626-00086.

³ See FCC File No. SAT-STA-20070607-00078.

⁴ *Id.*, Attachment at preamble.

In its application for the July 23 STA, DIRECTV indicated that it would commence drifting on or about September 12, 2007, and that the relocation would be complete on or about September 15, 2007. However, DIRECTV is ahead of this schedule and will be ready to commence moving DIRECTV 10 to 102.775° W.L. on or about September 1. Unfortunately, that will not leave sufficient time for the Commission to process DIRECTV's pending modification application. Accordingly, DIRECTV requests an STA so that DIRECTV 10 can operate at its intended location while that application is being processed.

Operation of DIRECTV 10 for sixty days at the 102.775° W.L. orbital location will not result in harmful interference to other satellite systems, as it represents only a slight relocation from the satellite's assigned orbital location 0.025 degrees away. And as noted in DIRECTV's application for the July 23 STA, the only other co-frequency satellites located within two degrees of the 102.775° W.L. orbital location are DIRECTV 8 and DIRECTV 9S, operating at 100.85° W.L. and 101.1° W.L., respectively, and DIRECTV anticipates no difficulty in coordinating the operations of its satellites. (Indeed, DIRECTV sought the modification in the first place with the goal of enhancing orbital management and decrease the likelihood of in-orbit collision with other satellites.)

Grant of the requested STA will serve the public interest by allowing DIRECTV 10 to commence operations in a timely manner to millions of Americans. Accordingly, DIRECTV requests the expeditious grant of special temporary authority.

Respectfully submitted,

_____/s/_____
William M. Wiltshire
Counsel to DIRECTV Enterprises, LLC