

Date & Time Filed: Jun 7 2007 4:31:58:876PM
File Number: SAT-STA-20070607-00078
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:
D10 - STA - IOT test at 102.60

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-20070607-00078**

Call Sign **52641** Grant Date **July 23, 2007**

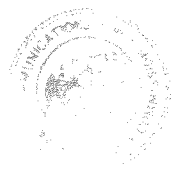
(or other identifier)

Term Dates

From **Aug 10, 2007** To: **+ 30 days**

Applicant

Mike Pellegrini
Policy Branch Chief



GRANTED
International FC

w/conditions

ATTACHMENT
Conditions of Authorization: SAT-STA-20070607-00078
Call Sign: S2641
Grant Date: July 23, 2007

The request of DIRECTV Enterprises, LLC ("DIRECTV") for special temporary authority (STA), File No. SAT-STA-20070607-00078, IS GRANTED. Accordingly, DIRECTV IS AUTHORIZED, for thirty days commencing August 10, 2007, to operate the DIRECTV 10 satellite at the 102.6° W.L. orbital location after launch to conduct in-orbit testing (IOT) using the 29.250-29.500 GHz/28.350-28.600 GHz (uplink) and 18.300-18.800 GHz (downlink) frequencies and to conduct 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 maintain the satellite at that location and to drift the satellite to its assigned orbital location at 102.8° W.L. following the end of IOT. This authorization 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. All operations shall be on an unprotected and non-harmful interference basis, i.e., DIRECTV shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication system.

2. In the event of any harmful interference as a result of DIRECTV 10's operations during relocation or during operations at the 102.6° W.L. orbital location, DIRECTV shall cease operations immediately upon notification of such interference and shall inform the Commission, in writing, immediately of such an event.

3. DIRECTV's operations at 102.6° W.L. shall be limited solely to IOT operations and shall not include the provision of commercial services.

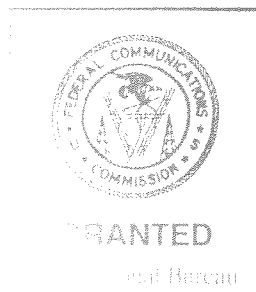
4. DIRECTV must coordinate all of its Ka-band downlink operations with Federal fixed-satellite systems, both geostationary and non-geostationary, in accordance with footnote US334 to the Table of Frequency Allocations, 47 C.F.R. § 2.106. Absent a coordination agreement pursuant to footnote US334, DIRECTV shall operate its Ka-band downlinks on a non-harmful interference basis with regards to Federal systems in the 18.3-18.8 and 19.7-20.2 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. DIRECTV shall coordinate its TT&C operations with existing geostationary satellites to ensure that no unacceptable interference results from its TT&C operations during the drift from 102.6° W.L. to its assigned orbital location at 102.8° W.L.

6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at DIRECTV's own risk.

7. 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.

8. 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.



and Bureau
w/candstrom

File # SAT-STA-20070607-00078
Call Sign SZ6H1 Grant Date July 23, 2007
(or other identifier)
Term Dates
From Aug. 10, 2007 To: +30 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 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 CRY – Space Station (Geostationary)

5. Type Request

Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
102.60

7. Requested Extended Expiration Date

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.)

DIRECTV Enterprises, LLC requests authority to conduct in-orbit testing of its space station. See Exhibit A.

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"; for these purposes.

Yes No

10. Name of Person Signing
James Butterworth

11. Title of Person Signing
Senior Vice President

12. Please supply any need attachments.

Attachment 1: Exhibit A	Attachment 2:	Attachment 3:
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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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ATTORNEYS AT LAW

June 7, 2007

Marlene H. Dortch
Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, DC 20554

Re: ***Request for Special Temporary Authority for In-Orbit Testing of
DIRECTV 10 at 102.6° W.L.***
Call Sign: S2641

Dear Ms. Dortch:

DIRECTV Enterprises, LLC ("DIRECTV") hereby requests Special Temporary Authority ("STA") to locate the DIRECTV 10 satellite at the 102.6° W.L. orbital location for in-orbit testing ("IOT") after launch of the satellite, which is currently scheduled for early July 2007. DIRECTV also requests that this authority cover the use of Ka-band frequencies for telemetry, tracking and command ("TT&C") functions for a period commencing upon reaching 102.6° W.L. through migration of the satellite to its licensed position at the nominal 103° W.L. location. This STA will cover a period of approximately 30 days, which DIRECTV requests be keyed to become effective upon the satellite's arrival at 102.6° W.L.

DIRECTV 10 is fully constructed and scheduled for launch early next month. DIRECTV desires to conduct IOT for approximately four weeks before moving the satellite slightly to its licensed position to begin commercial operations. Specifically, DIRECTV contemplates the following schedule [with approximate dates indicated in brackets]:

- After launch and orbit raising maneuvers, DIRECTV 10 will be located at 102.6° W.L. [on or about August 17, 2007].

