

Approved by OMB
3060-0678

Date & Time Filed: May 6 2005 5:03:28:953PM
File Number: SAT-STA-20050506-00096
Callsign:

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE 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. - DIRECTV 8 Ka-band STA

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:	David A. Pattillo		



File: SAT-STA-20050506-00096

52132 Grant Date 5/26/05

Term Dates
From 5/26/05 To 6/27/05
w/conditions
Approved: Andru Reyes
Policy Branch Chief

ATTACHMENT

DIRECTV 8

SAT-STA-20050506-00095 (Call Sign: S2632)
and SAT-STA-20050506-00096 (Call Sign: S2132)

May 26, 2005

DIRECTV Enterprises, L.L.C.'s (DIRECTV) requests for special temporary authority (STA) filed on May 6, 2005, IBFS File No. SAT-STA-20050506-00095¹ and SAT-STA-20050506-00096, ARE GRANTED. Accordingly, DIRECTV is authorized on a non-interference basis² (1) to operate Tracking, Telemetry, and Command ("TT&C") functions in the 17307 MHz (Earth-to-Space) and 12203.25 and 12203.75 MHz (Space-to-Earth) frequencies at and during transit between the 102.8° W.L., 99.2° W.L., and 101° W.L. orbital locations and (2) to operate the Ka-band communications payload on the DIRECTV 8 satellite at the 102.8° W.L. orbital location for up to four days ending on June 3, 2005, and thereafter to drift to the 99.2° W.L. orbital location and operate the Ka-band communications payload for a period of up to 18 days ending June 23, 2005 in accordance with the terms, conditions, and technical specifications set forth in its application, the Commission's rules and this Attachment; and

1. During the drift of the satellite to and between the 102.8° W.L., 99.2° W.L., and 101° W.L. orbital locations, DIRECTV shall not operate the Direct Broadcast Satellite ("DBS") or Ka-band communications payload on the DIRECTV 8 satellite.
2. DIRECTV shall coordinate all of its TT&C operations with existing geostationary satellites to ensure that no unacceptable interference results from its TT&C operations during its drift.
3. During the drift of the satellite to and between 102.8° W.L., 99.2° W.L., and 101° W.L. orbital locations, no harmful interference shall be caused by the DIRECTV 8 satellite to any other lawfully operating satellites or radiocommunication systems. Operations of the DIRECTV 8 satellite shall cease immediately upon notification of such

¹ On May 19, 2005, DIRECTV filed a letter amending its STA. The initial request asked for authority to operate the DIRECTV 8 satellite for (1) TT&C functions at and during transit between the 102.8° W.L., 99.2° W.L., and 101° W.L. orbital locations and (2) for in-orbit testing of the DBS payload at the 99.2° W.L. orbital location for a period of up to 18 days ending June 23, 2005. See Public Notice, Report No. SAT-00291 (May 13, 2005). In the May 19, 2005 letter, DIRECTV withdrew the in-orbit testing portion of its request.

² Coordination between Government fixed-satellite systems and non-Government space and terrestrial systems in the band 17.8-20.2 GHz is required. See US334 to the Table of Allocations, 47 C.F.R. § 2.106. This STA was coordinated with NTIA and they have agreed to the STA on the condition that these operations are on a non-interference basis and will not deviate from the terms and conditions specified in the STA.

interference and DIRECTV shall inform the Commission in writing immediately of such an event.

4. While drifting the DIRECTV 8 satellite to and between 102.8° W.L., 99.2° W.L., and 101° W.L., orbital locations, DIRECTV is required to accept interference from other lawfully operating in-orbit satellites.

5. Operation of DIRECTV 8's Ka-band payload at the 9.2° W.L. and 102.8° W.L. orbital locations is limited to the "proof of concept video transmissions" described by DIRECTV in its application and may not be used for commercial services.

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

7. DIRECTV shall notify the Commission in writing no later than three business days after DIRECTV 8 has arrived at 102.8° W.L., 99.2° W.L., and 101° W.L. orbital locations.

8. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.



File# SAT-STA-20050506-00096

Call Sign S2132 Grant Date 5/26/05
(or other identifier)

From 5/26/05 To 6/27/05
Terms/Conditions

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
	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 the file number below.)

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 CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
102.8 W.L. & 99.2 W.L.

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 special temporary authority to operate the Ka-band payload of DIRECTV 8 at the 102.8 and 99.2 deg. W.L. orbital locations.

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:

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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