



File # SAT-STA-20050616-00125

Call Sign 52032 Grant Date 6/22/05

(or other identifier)

Approved by OMB
3060-0678

From 6/24/05 Term Dates To 7/23/05

Approved: [Signature] Chief, Satellite
Robert G. Nelson Engineering Branch

Date & Time Filed: Jun 16 2005 5:28:56:516PM
File Number: SAT-STA-20050616-00125
Callsign:

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:
DIRECTV Ent. DIRECTV 8 STA at 100.65 WL (DBS)

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		

ATTACHMENT

DIRECTV 8

SAT-STA-20050616-00125 (Call Sign: S2632)

SAT-STA-20050616-00126 (Call Sign: S2132)

June 22, 2005

DIRECTV Enterprises, L.L.C.'s (DIRECTV) applications for special temporary authority (STA), IBFS File No. SAT-STA-20050616-00125 and SAT-STA-20050616-00126, ARE GRANTED. Accordingly, DIRECTV is authorized for a period of 30 days commencing on June 24, 2005 on a non-interference basis (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 to the 100.65° W.L. orbital location and (2) to operate the Ka-band communications payload in the 18.3 – 18.8 GHz (space-to-Earth), 28.35 – 28.6 GHz (Earth-to-space), 19.7 – 20.2 GHz (space-to-Earth) and 29.25-30.0 GHz (Earth-to-space) frequency bands on the DIRECTV 8 satellite at the 100.65° W.L. orbital location 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 100.65° W.L. orbital location, 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 100.65° W.L. orbital location, 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 interference and DIRECTV shall inform the Commission in writing immediately of such an event.
4. While drifting the DIRECTV 8 satellite to 100.65° W.L., orbital location, DIRECTV is required to accept interference from other lawfully operating in-orbit satellites.
5. During operations at 100.65° W.L. no harmful interference shall be caused by DIRECTV-8 to any other lawfully operating in-orbit satellite and operations of the DIRECTV-8 satellite shall cease immediately upon notification of such interference.
6. During operations at 100.65° W.L. DIRECTV is required to accept interference from other lawfully operating in-orbit satellites.

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. This action is without prejudice to Commission action on DIRECTV's pending applications SAT-MOD-20050513-00100, SAT-MOD-20050513-00101, SAT-STA-20050526-00108 and SAT-STA-20050526-00109.

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.

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
100.65 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 DBS payload of DIRECTV 8 for TT & C only at 100.65 W.L. for 30 days beginning on June 24, 2005.

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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ATTORNEYS AT LAW

June 16, 2005

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

Re: *Request for 30-Day Special Temporary Authority for the DBS TT&C
Payload on DIRECTV 8 at 100.65° W.L.
Call Sign: S2632*

Dear Ms. Dortch:

DIRECTV Enterprises, LLC ("DIRECTV") hereby requests Special Temporary Authority ("STA") to operate the Direct Broadcast Satellite ("DBS") communications payload on DIRECTV 8 solely for TT&C functions at 100.65° W.L. for of 30 days beginning approximately June 24, 2005. DIRECTV 8 has been launched and its licensed orbital location at the nominal 101° W.L. position is currently occupied. DIRECTV has filed a request for a longer-term authorization at 100.65° W.L., but there will not be sufficient time to process that application before the satellite arrives on station. Accordingly, DIRECTV respectfully requests expedited action on this request.

DIRECTV 8, a hybrid satellite with both Ka-band and Ku-band (*i.e.*, DBS) payloads, was successfully launched on May 22, 2005. Its licensed orbital location is 100.85° W.L., which currently falls within the station-keeping boxes covered by both DIRECTV 1R (100.85° W.L. \pm 0.05°) and DIRECTV 2 (100.8° W.L. \pm 0.1°). The remainder of the nominal 101° W.L. orbital location is also highly congested, with four more satellites (DIRECTV 1, DIRECTV 4S, AMSC-1, and AMC-4) operating in close proximity. Thus, at present, there is no room for DIRECTV 8 at its licensed location.

On May 26, DIRECTV filed an STA request to operate the DBS payload on DIRECTV 8 solely for TT&C functions at 100.65° W.L. for up to 180 days.¹ That

¹ See File No. SAT-STA-20050526-00108.

HARRIS, WILTSHIRE & GRANNIS LLP

Marlene H. Dortch
June 16, 2005
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application went on public notice on June 3, 2005,² and the comment period will not close until July 5, 2005. However, DIRECTV 8 is scheduled to arrive at the nominal 101° W.L. orbital location on June 24, 2005, where it will commence operations of its Ka-band payload. Without the requested STA, DIRECTV will have nowhere to place the satellite while its request for a longer-term STA is being processed.

Limited operation of the DBS payload of DIRECTV 8 at 100.65° W.L. for TT&C only will not result in harmful interference to adjacent satellites. The nearest operational DBS spacecraft are DIRECTV's own DBS satellites at the nominal 101° W.L. orbital location. The next closest DBS satellites are nearly nine degrees or more removed from this proposed location. As a practical matter, DIRECTV's efforts to avoid interference to its own operations at 101° W.L. should be more than sufficient to protect other DBS operators located many times further away.

Grant of this STA request will serve the public interest by facilitating DIRECTV's use of the Ka-band payload on DIRECTV 8 while its pending application for longer-term operating authority is being processed.

Accordingly, DIRECTV requests the expeditious grant of special temporary authority.

Respectfully submitted,

\s\

William M. Wiltshire
Counsel to DIRECTV Enterprises, LLC

² See Public Notice, Rep. No. SAT-00296 (June 3, 2005).