



File # SAT-STA-20050616-00126

Call Sign S2132 Grant Date 6/22/05

(or other identifier)

Approved by OMB

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

3060-0678

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

Date & Time Filed: Jun 16 2005 5:30:09:223PM
File Number: SAT-STA-20050616-00126
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 STA at 100.65 WL (Ka-band)

I. 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 Ka-band payload of DIRECTV 8 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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**HARRIS,
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WASHINGTON, DC 20036

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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 Ka-band
Payload on DIRECTV 8 at 100.65° W.L.***
Call Sign: S2132

Dear Ms. Dortch:

DIRECTV Enterprises, LLC ("DIRECTV") hereby requests Special Temporary Authority ("STA") to operate the Ka-band communications payload on DIRECTV 8 at the 100.65° W.L. orbital location for 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 Direct Broadcast Satellite ("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. ± 0.05°) and DIRECTV 2 (100.8° W.L. ± 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.

HARRIS, WILTSHIRE & GRANNIS LLP

Marlene H. Dortch
June 16, 2005
Page 2 of 2

On May 26, DIRECTV filed an STA request to operate the Ka-band payload on DIRECTV 8 at 100.65° W.L. for up to 180 days.¹ That 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 immediately. Without the requested STA, DIRECTV will have nowhere to place the satellite while its request for a longer-term STA is being processed.

Operation of the Ka-band payload of DIRECTV 8 at 100.65° W.L. will not result in harmful interference to adjacent satellites. The DIRECTV Group, Inc. holds the Ka-band authorization for the nearest slot (99.2° W.L.), and DIRECTV intends to self-coordinate its operations to minimize any disruption. All other operational Ka-band satellites are located more than two degrees away from the location proposed for DIRECTV 8.

Grant of this STA request will serve the public interest by allowing DIRECTV to begin Ka-band operations at the nominal 101° W.L. orbital location as soon as possible while avoiding a potentially hazardous situation at a congested slot and allowing sufficient time for processing of its pending application. In addition, grant of this STA request will not result in increased risk of harmful interference to any other system, as DIRECTV will operate on a non-harmful interference basis.

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

Respectfully submitted,

\s\

William M. Wiltshire
Counsel to DIRECTV Enterprises, LLC

¹ See File No. SAT-STA-20050526-00109.

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