

File # SAT-STA-20060807-00085
with attached conditions

Call Sign S2669 Grant Date 10/05/2006

(or other identifier) Approved by OMB 3060-0678

Term Dates

From date of launch To: launch plus 52 days

Approved: [Signature] Chief
Robert G Nelson Satellite Division

Date & Time Filed: Aug 7 2006 11:41:40:496AM
 File Number: SAT-STA-20060807-00085
 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 9S STA 138 W.L.

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
Conditions of Authorization: SAT-STA-20060807-00085
Call Sign: S2669
Grant Date: October 5, 2006

The request of DIRECTV Enterprises, LLC ("DIRECTV") for special temporary authority (STA), File No. SAT-STA-20060807-00085, as amended on September 26, 2006,¹ IS GRANTED. Accordingly, DIRECTV IS AUTHORIZED to locate the DIRECTV 9S satellite, a hybrid Direct Broadcast Satellite (DBS) and Fixed Satellite Service (FSS) Ka-band satellite, at the 138° W.L. orbital location to conduct in-orbit testing of the DIRECTV 9S DBS space station previously authorized by the Satellite Division.² Also, DIRECTV IS AUTHORIZED to operate the DIRECTV 9S satellite's telemetry, tracking and command (TT&C) functions on the 17795 MHz (uplink) and 12695.5 and 12696.5 MHz (downlink) frequencies, for the 52-day period from the date of launch, including during in-orbit testing at the 138° W.L. orbital location and during relocation of the satellite to its licensed location at 101.1° W.L. 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. DIRECTV shall notify the Commission in writing of the successful launch of DIRECTV 9S within 72 hours after launch.
2. Testing authority is limited to those frequencies for which the DIRECTV 9S satellite is authorized under call sign S2669.
3. DIRECTV shall coordinate its test operations with all potentially affected lawfully operating satellite networks to ensure that no unacceptable interference results from its test operations at 138° W.L.
4. DIRECTV's test operations shall not cause harmful interference to any lawfully operating satellite networks or other radio communications systems and DIRECTV 9S shall cease operations immediately upon notification of such interference, and DIRECTV shall inform the Commission in writing within three days of such an event.
5. DIRECTV is required to accept interference from other lawfully operating satellite networks or radiocommunication systems.
6. DIRECTV's operations at 138° W.L. shall be limited solely to in-orbit test operations and shall not include the provision of commercial services.

¹ See letter from William M. Wiltshire, Counsel for DIRECTV Enterprises, LLC to Marlene H. Dortch, Secretary, FCC, dated September 26, 2006.

² See Applications for Authority to Launch and Operate the DBS and Ka-band Payloads on the DIRECTV 9S Satellite; Amendment to Change Orbital Location, IBFS File Nos. SAT-RPL-20050322-00070, SAT-LOA-20051123-00250, and SAT-AMD-20051114-00216, *Order and Authorization*, DA 06-1493 (released July 21, 2006).

7. DIRECTV shall coordinate its TT&C operations with all potentially affected lawfully operating satellite networks to ensure that no unacceptable interference results from its TT&C operations at 138° W.L. and during the drift from 138° W.L. to its assigned orbital location of 101.1° W.L.
8. DIRECTV shall notify the Commission by email to Chip.Fleming@fcc.gov and Rockie.Patterson@fcc.gov within 48 hours of both the initiation and the completion of the testing of the satellite at the 138° W.L. orbital location.
9. DIRECTV shall notify the Commission in writing no later than seven days after it has completed testing and moved the DIRECTV 9S satellite to its assigned orbital location.
10. DIRECTV is afforded 30 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.
11. 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.



File # SAT-STA-20060907-00085
With attached conditions

Call Sign 52669 Grant Date 10/05/2006
 (or other identifier)

Term Dates
 From date of launch To launch plus 52 days

Approved by Chick
Robert G. Nelson *Satellite Division*

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 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?	
<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 138 W.L.	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: 10px; margin: 5px 0;"> <p>DIRECTV Enterprises, LLC requests special temporary authority to locate DIRECTV 9S at 138 W.L. for in-orbit testing and thereafter to drift the satellite to its assigned orbital location.</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" for these purposes. <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%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 5px;">Attachment 1: Letter-Request STA</td> <td style="width: 33%; padding: 5px;">Attachment 2:</td> <td style="width: 33%; padding: 5px;">Attachment 3:</td> </tr> </table>			Attachment 1: Letter-Request STA	Attachment 2:	Attachment 3:
Attachment 1: Letter-Request STA	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>					

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PER, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to jboley@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

August 7, 2006

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 9S at 138° W.L.***
Call Sign: S2669

Dear Ms. Dortch:

DIRECTV Enterprises, LLC ("DIRECTV") hereby requests Special Temporary Authority ("STA") to locate the DIRECTV 9S satellite at the 138° W.L. orbital location for in-orbit testing ("IOT") after launch of the satellite, prior to moving to its assigned orbital location to begin commercial operations at the nominal 101° W.L. slot. DIRECTV also requests that this authority cover the use of DBS frequencies for telemetry, tracking and command ("TT&C") functions for a period commencing just prior to reaching 138° W.L. through its migration to 101.1° W.L. This STA will cover a period of approximately 40 days, which DIRECTV expects to occur between September 27, 2006 and November 6, 2006.

DIRECTV 9S is fully constructed and scheduled for launch in mid-September 2006. DIRECTV desires to commence IOT of the satellite approximately two weeks after launch, and conclude such testing after approximately two weeks. Specifically, DIRECTV contemplates the following schedule:

- After launch and orbit raising maneuvers, DIRECTV 9S will be located at 138° W.L. on or about September 30, 2006.
- After DIRECTV 9S reaches 138° W.L., DIRECTV will then commence IOT of the satellite from about October 1, 2006 to October 14, 2006.
- After IOT is completed, DIRECTV 9S will then be drifted to its assigned location at 101.1° W.L. over the course of approximately 23 days, reaching that orbital position on or about November 6, 2006. During this drift, the

HARRIS, WILTSHIRE & GRANNIS LLP

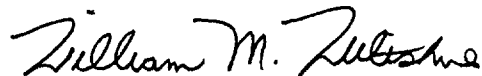
Marlene H. Dortch
August 7, 2006
Page 2 of 2

satellite's communications payload will be turned off other than TT&C functions.¹

Operation and testing of DIRECTV 9S during this maneuver will not result in harmful interference to other satellite systems. As the Commission is aware, 138° W.L. is a Canadian BSS allocation and is currently unoccupied. DIRECTV has received permission from Industry Canada for temporary use of the slot for testing, and has coordinated its IOT plans with Ciel Satellite Communications, Inc., the Canadian DBS licensee at 129° W.L., which is the nearest DBS system likely to be in operation during the relevant period. DIRECTV will also coordinate its TT&C operations during drift with all other potentially affected operators to ensure that no harmful interference results. DIRECTV successfully coordinated and used this same location for IOT of the DIRECTV 8 satellite last year.² Furthermore, DIRECTV is prepared to terminate all testing operations immediately upon notification from the Commission that its operations cause harmful interference to any authorized user of the spectrum.

Grant of this STA request will serve the public interest by allowing DIRECTV to test the DIRECTV 9S satellite to ensure that it is fully operational and ready to begin providing service to millions of DIRECTV subscribers from the satellite's licensed orbital location. Allowing DIRECTV to test the satellite at 138° W.L., away from other operational DBS satellites, will serve the public interest by minimizing the risk of interference. Accordingly, and in light of the impending launch date, DIRECTV requests the expeditious grant of special temporary authority.

Respectfully submitted,



William M. Wiltshire
Counsel to DIRECTV Enterprises, LLC

¹ DIRECTV will use 17795 MHz for its command uplink and 12695.5 and 12696.5 MHz for its telemetry downlinks.

² See FCC File No. SAT-STA-20050624-00136 (granted Aug. 19, 2005).



1200 EIGHTEENTH STREET, NW
WASHINGTON, DC 20036

TEL 202.730.1300 FAX 202.730.1301
WWW.HARRISWILTSHIRE.COM

ATTORNEYS AT LAW

September 26, 2006

BY HAND DELIVERY

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

Re: ***Requests for In-Orbit Testing STAs for DIRECTV 9S***
SAT-STA-20060807-00085 (Call Sign S2669)
SES-STA-20060807-01318 (Call Sign E060236)
SES-STA-20060807-01319 (Call Sign E930304)
SES-STA-20060807-01320 (Call Sign E990159)

Dear Ms. Dortch:

On August 7, 2006, DIRECTV Enterprises, LLC ("DIRECTV") filed the above reference applications for special temporary authorization ("STA") to perform in-orbit testing ("IOT") of the DIRECTV 9S satellite at 138° W.L. using three Ka-band earth stations. Those applications were predicated upon a specific timetable, which was based in turn upon an anticipated launch date in mid-September. Unfortunately, the launch is now expected on October 12, rendering the previous timetable inoperative.

Accordingly, and in order to avoid any complications should the launch date slip further, DIRECTV requests that the Commission grant the requested STAs in a way that is keyed to launch rather than specified dates, as follows:

Launch + 12 days	STA begins (initial TT&C)
Launch + 14 days	Begin IOT at 138° W.L.
Launch + 29 days	Complete IOT/begin drift to 101.1° W.L.
Launch + 52 days	Drift complete, STA ends

The timetable set forth above covers the same forty-day period as the original applications, allocating the same period of time to the various activities as did the original

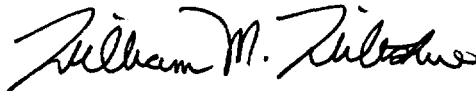
HARRIS, WILTSHIRE & GRANNIS LLP

Marlene H. Dortch
September 26, 2006
Page 2 of 2

applications. DIRECTV will notify the FCC within three days of successful launch of DIRECTV 9S in order to set the specific start date for these STAs as defined above.

DIRECTV respectfully requests that the Commission issue the requested STAs in the manner set forth herein. Please do not hesitate to contact me if you have any questions.

Sincerely yours,

A handwritten signature in black ink, appearing to read "William M. Wiltshire". The signature is fluid and cursive, with a large initial "W" and "M".

William M. Wiltshire
Counsel for DIRECTV Enterprises, LLC

cc: Robert Nelson
Scott Kotler