

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
HNS, Inc. Littleton 180 day STA - E020241

I. Applicant

Name:	Hughes Network Systems, Inc.	Phone Number:	310-964-3577
DBA Name:		Fax Number:	240-358-0569
Street:	11717 Exploration Lane	E-Mail:	jwengryniuk@directv.com
City:	Germantown	State:	MD
Country:	USA	Zipcode:	20876 -
Attention:	Jack Wengryniuk		



File # SES-STA-2005120701706
Call Sign E020241 Grant Date 11/27/06
(or other identifier)
From 12/17/05 Term Expires 6/17/06
Approved: Jeanette R. Spriggs

E020241 SES-STA-20051207-01706 IB2005002849
Hughes Network Systems, Inc.

PN 12/14/05

Approved by OMB
3060-0678

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2. Contact

Name:	William M. Wiltshire	Phone Number:	202-730-1350
Company:	Harris, Wiltshire & Grannis, LLP	Fax Number:	202-730-1301
Street:	1200 Eighteenth 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?

- 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 - CGX - Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

7. City Littleton	8. Latitude (dd mm ss.s h) 39 30 52.0 N
9. State CO	10. Longitude (dd mm ss.s h) 105 1 30.0 W
11. Please supply any need attachments. Attachment 1: Exhibit A Attachment 2: Attachment 3:	
12. 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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Hughes Network Systems, Inc., seeks an extension of its current STA to support orbit-raising and testing of the SPACEWAY 2 spacecraft.</div>	
13. 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	
14. Name of Person Signing Larry Hunter	15. Title of Person Signing Executive Vice President and General Counsel
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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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.

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Call Signs: E020241 and E020242

Hughes Network Systems, Inc. ("HNS") hereby requests an extension of its current Special Temporary Authority ("STA") for up to 180 days to continue conducting transfer orbit, XIPS ascent, telemetry, tracking and control ("TT&C") operations, and in-orbit testing for the SPACEWAY 2 satellite (call sign S2133), from its Canoga Park, California and Littleton, Colorado earth stations, Call Signs E020241 and E020242.

The SPACEWAY satellites are among the first, if not the first, satellites licensed by the Commission to be launched and placed into orbit using TT&C links in the Ka-band. HNS's existing earth station authorizations include Commission approval for their use in support of transfer orbit and TT&C operations. Boeing, however, has concluded that the authorizations do not include transmit power levels and carriers that are adequate to ensure the absolute safety of SPACEWAY 2, as well as other spacecraft during the transfer orbit and in-orbit testing processes. Under these circumstances, the prudent course is to request temporary use of enhanced operational levels to support the initial phases of the SPACEWAY mission.

SPACEWAY 2 was successfully launched on November 16, for deployment to the 99.2° W.L. orbital location. Pursuant to an STA, Boeing currently provides the services requested herein for SPACEWAY 2 from HNS's Canoga Park, California earth station, and also has similar authorization to use HNS's Littleton, Colorado earth station to provide backup and support services.¹ The SPACEWAY 2 satellite was originally scheduled for launch in June, but was delayed due to a problem with another satellite scheduled to be launched as a co-passenger on the same launch vehicle. Accordingly, the XIPS ascent phase and in-orbit testing cannot be completed within the term of the original STA, which expires later this month.

Accordingly, HNS respectfully requests that the Commission extend the current STA for a period of up to 180 days to complete the process of testing and delivering SPACEWAY 2 to its licensed orbital location.

¹ See Rep. No. SES-00723 (rel. June 22, 2005)(FCC File Nos. SES-STA-20050505-00539 (Littleton) and SES-STA-20050503-00523 (Canoga Park)).