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WASHINGTON, DC

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VIA ELECTRONIC POSTING

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

**Re: Supplement to HNS License Sub, LLC
Request for Special Temporary Authority
File No. SES-STA-20111024-01253(Call Sign E110149)**

Dear Ms. Dortch:

By this letter, HNS License Sub, LLC (“Hughes”) seeks to supplement its above-referenced pending request for Special Temporary Authority (“STA Request”) by adding one potential point of communication to the four satellites that were identified as potential points of communication in the STA Request. Hughes’s pending STA request seeks to conduct operational testing of Hughes’s proposed new 6.3 meter and 8.1 meter earth station antennas under Call Sign E110149 at the 15 locations that will be used for these gateway antennas that will operate with Hughes Network Systems, LLC’s forthcoming Jupiter 107W satellite upon its launch next year. Hughes here proposes to increase testing flexibility by adding a new U.S.-licensed satellite on which it can conduct its Ka-band testing. In addition, Hughes modifies the start date of the STA Request; the new start date required for the testing program is November 14, 2011 (rather than November 1, 2011).

In the STA Request, Hughes identified three satellites – AMC-15 at 105° W.L., AMC-16 at 85° W.L., and Galaxy 28 at 89° W.L. – as the spacecraft Hughes would use for the antenna testing. With Ka-band testing, particularly short-term testing of the type Hughes proposes, securing access to satellite capacity is a real challenge. To improve flexibility for the tests which could need to take place at any given time from one of the 15 gateway locations, Hughes proposes to add an additional U.S.-licensed Ka-band satellite – EchoStar 9 at 121° W.L. – to the list of satellites from which Hughes can secure capacity for the testing program being undertaken pursuant to the STA Request. Specification of this additional point of communication for temporary testing is the only difference between what Hughes proposed in the underlying earth station blanket license application (File No. SES-LIC-20111021-01243) under Call Sign E110149, and what it seeks to do under the STA Request. All other operational parameters, including frequencies, are as proposed in the license application.

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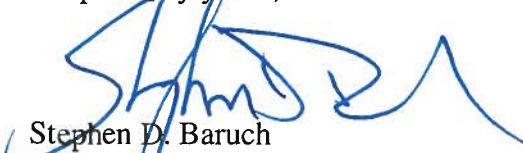
Timing is critical to Hughes here. Construction teams are scheduled to complete installation of the first of the gateway antennas this week, and operation under the STA Request will be expected to begin on November 14. This is roughly two weeks later than the November 1, 2011 date specified in the STA Request. In each case, the construction/operations crew has only limited time within which to test the antenna to complete its installation process before having to move to their next installation assignment. If the testing were not able to be done before the crew departs a particular gateway site, it is uncertain whether another opportunity would be available before the antenna was required to commence regular operation with Hughes Network Systems LLC Jupiter 1 satellite following its 2012 launch. Hughes believes it is imperative to trouble shoot the first installation of each of the two antenna types that will comprise the gateway component of the Jupiter 107W network before building additional antennas that include design or operational elements that may be shown to be in need of correction during the tests of the first installations. Cost considerations involved in returning the crew to the site come into play as well.

Under these conditions, Hughes requests authorization to conduct its temporary testing of the 15 new 6.3 meter and 8.1 meter antennas that will comprise the Jupiter 107W gateway network using uplink frequencies in the 28.35-28.6 and 29.25-30 GHz bands based on availability following consultation with the operators of the AMC-15, AMC-16, Galaxy 28, and EchoStar 9 satellites. All testing will be done at power levels consistent with Section 25.138 of the Commission's rules and the underlying license application for Call Sign E110149. All other information in the STA pertaining to the proposed antennas is unchanged. Delays in the onset of testing beyond the November 14, 2011 commencement date requested here would work a real hardship on Hughes and leave key technical considerations for the upcoming Jupiter program unresolved.

A copy of this letter is being filed electronically, through IBFS, into the file of the above-referenced STA.

Please direct any questions pertaining to this matter to me.

Respectfully yours,



Stephen D. Baruch
Attorney for HNS License Sub, LLC

cc: Mr. Paul Blais (by email)