

0469-EX-ST-2001

**HUGHES**  
NETWORK SYSTEMS

December 4, 2001

Federal Communications Commission  
Experimental Radio Services  
P.O. Box 358320  
Pittsburgh, Pennsylvania 15251-5320

Re: Hughes Electronics Corporation d/b/a Hughes Network Systems  
Request for Extension of Experimental Special Temporary Authorization  
Call Sign WB2XIX (FCC File No. 0227-EX-ST-2001)

Ladies and Gentlemen:

Hughes Electronics Corporation d/b/a Hughes Network Systems ("Hughes") hereby requests an extension of the Experimental Special Temporary Authorization ("STA") by which Hughes is conducting testing and link measurements of prototype satellite equipment at its San Diego, California facility. Hughes requests the extension for an additional 180 days through and including June 6, 2002.

On December 8, 2000, the Commission granted Hughes an STA (FCC File No. 0537-EX-ST-2000) for a period of 180 days through and including June 8, 2001. The STA authorized Hughes to perform testing and link measurements of prototype satellite equipment intended for export, with the technical parameters described in the STA. The Commission granted an extension of the STA on June 8, 2001 (FCC File No. 0227-EX-ST-2001) for another period of 180 days through and including December 8, 2001.

Pursuant to the STA, Hughes conducts over-the-air testing of a handheld terminal for the Thuraya Satellite System. The over-the-air capability permits Hughes to test the phone as it will be used in an actual environment. Hughes performs system verification tests of the end-to-end operation of the phone, including the man-machine interface ("MMI"), beam selection, idle mode behavior, high penetration alerting, and voice quality.

Grant of the extension of this STA will serve the public interest by facilitating Hughes' continued ability to confirm the operation of the Thuraya handheld terminal as it will be used in an over-the-air handheld environment. The extension also will permit Hughes to validate upcoming releases for development completion and for MMI enhancements.

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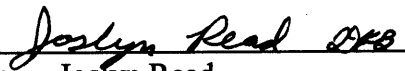
Enclosed is a check payable to the Federal Communications Commission in the amount of \$50.00 to cover the requisite filing fee, and an FCC Remittance Advice Form 159. If there are any questions about this request please contact Dori K. Bailey, counsel for Hughes, at (202) 637-1006.

Hughes certifies that neither Hughes, nor any of the officers or directors of Hughes, nor any other party to this application, is subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance.

For all of the foregoing reasons, Hughes respectfully requests that the Commission grant the extension of the Experimental Special Temporary Authority described above.

Respectfully submitted,

Hughes Electronics Corporation  
d/b/a Hughes Network Systems

  
By: Joslyn Read  
Title: Assistant Vice President

cc: D. Young