EXHIBIT 1

REQUEST FOR SPECIAL TEMPORARY AUTHORIZATION FOR CONVENTIONAL EXPERIMENTAL OPERATIONS

Pursuant to Section 5.61 of the Commission's rules,[1] HNS License Sub, LLC (collectively with its affiliates, "Hughes") requests a six-month special temporary authorization ("STA") for conventional experimental operations to test and develop new prototype mobile earth terminals ("METs") in the southern California area. Grant of this STA application will serve the public interest by facilitating the testing and development of new satellite equipment and technology that ultimately will be deployed to support public safety and other critical services in Mexico.

Purpose and Scope of Experimental STA Operations: The requested experimental STA will permit Hughes to test, develop, and demonstrate the operation of certain prototype METs, including handheld devices, devices mounted on land and maritime vehicles, and portable equipment. Hughes proposes to test and develop a total of 11 types of METs, as specified in the attached Appendix A, within the southern California area (*i.e.,* a 50-mile radius area surrounding San Diego and within the state of California). These METs ultimately may be used in conjunction with a new mobile satellite service ("MSS") system being developed by Hughes and The Boeing Company for use by the Mexican government, the Secretaría de Comunicaciones y Transportes ("SCT"), in support of public safety and other critical services in Mexico.

The proposed METs will operate in conjunction with the new Mexsat-1 satellite, a Mexican-licensed MSS satellite expected to launch and operate at 113.1° W.L. within the next few weeks. Upon its launch and operation in the coming weeks, Mexsat-1 will be available for service and testing with the proposed METs. Consequently, Hughes has an immediate need for an experimental STA to test and operate the proposed METs as soon as Mexsat-1 is launched and operational.[2] The requested STA operations will facilitate expeditious deployment of final-production METs required for new MSS offerings in support of public safety and other critical services in Mexico.

Grant of the requested experimental STA will allow Hughes to test prototype MET equipment under real-world, over-the-air conditions that simulate the end user's operating environment. Such testing is required to enable Hughes to demonstrate the real-world operation of the equipment prior to delivering the final-production equipment for SCT's use in Mexico.[3] Thus, grant of the requested experimental STA will serve the public interest by allowing Hughes to test and develop satellite equipment and technology that are integral to the deployment of new

[1] 47 C.F.R. § 5.61.

[2] Hughes intends to file shortly an application for conventional experimental licensing authority to operate the proposed METs for a longer term than the requested STA period.

[3] 47 C.F.R. § 5.63(c)(3).

satellite communications services used to support public safety and other critical services in Mexico.

MET Operations: The proposed METs will operate on L-band frequencies in the 1626.5-1660.5 MHz band (uplink) and 1525.0-1559.0 MHz band (downlink) to communicate with the new Mexsat-1 satellite, a Mexican-licensed MSS satellite expected to launch and operate at 113.1° W.L. within the next couple of weeks.[4] Specifically, the proposed METS will operate on only those L-band frequencies that have been exclusively assigned to and coordinated for Mexsat-1 pursuant to the Mexico City Memorandum of Understanding.[5]

Although Mexsat-1 is not on the FCC's permitted list of satellites authorized to provide service to the United States, Hughes is requesting an experimental STA to permit both uplink and downlink communications between the proposed METs and the Mexsat-1 satellite at 113.1° W.L.

The technical parameters of the MET equipment are provided in the attached Appendix A. Additionally, the orbital debris mitigation plan for Mexsat-1 is set forth in Appendix B.[6]

Hours of Operation: The proposed METs may operate 24 hours per day, seven days per week. The following Hughes contact is available 24 hours per day, seven days per week, to address interference or other operational issues:

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Phone: (858) 452-4661
Email: Arjun.Punshi@hughes.com

No Harmful Interference: The proposed MET operations will not cause any harmful interference to other authorized services. Hughes has verbally notified LightSquared Subsidiary LLC ("LightSquared") and Inmarsat Plc ("Inmarsat") (*i.e.*, the two satellite operators authorized to provide L-band MSS in the United States) of its proposed MET operations, and neither raised any objections. Because the proposed METs will operate on only L-band frequencies that have been exclusively assigned to and coordinated for Mexsat-1 pursuant to the Mexico City Memorandum of Understanding, such operations will not interfere with either LightSquared's or Inmarsat's authorized use of their assigned L-band spectrum.

[4] The ground stations for the Mexsat-1 satellite are located in Iztapalapa and Hermosillo, Mexico.

[5] *See* Memorandum of Understanding for the Intersystem Coordination of Certain Geostationary Mobile Satellite Systems Operating in the Bands 1525-1544/1545-1559 MHz and 1626.5-1646.5/1646.5-1660.5 MHz, Mexico City, Mexico, 18 June 1996.

[6] *See* 47 C.F.R. § 5.64.