



May 3, 2013

**Via Electronic Posting**

Federal Communications Commission  
Experimental Licensing Branch  
MS 1300E1  
445 Twelfth Street, S.W.  
Washington, DC 20445

**Re: Annual Progress Report of HNS License Sub, LLC  
Pursuant to Call Sign WE2XEW -- Amended**

Dear Sir or Madam:

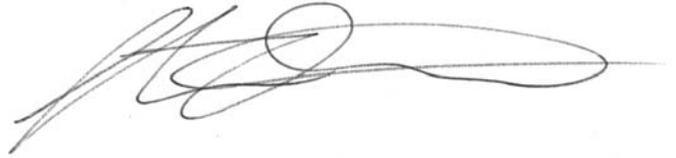
This Progress Report of HNS License Sub, LLC (“Hughes”) is submitted pursuant to the special conditions associated with Hughes’s Experimental Radio Service license in Call Sign WE2XEW.

As of April 1, 2013, Hughes continues to conduct experimental operations with in-motion earth terminals in the fixed-satellite service (“FSS”) frequencies at 14-14.5 GHz and 29.5-30 GHz. In 2005, Hughes began a test and development program dealing with satellite communication systems capable of operating while the earth terminal is in motion. Being an area of potential interest to its customers, Hughes used its program to investigate how its existing products could best be adapted for use in a mobility environment. These experimental operations respond to potential and actual customer requirements, assess or demonstrate the viability of particular equipment and service configurations that are under development, and/or test different antenna products from various manufacturers in order to assess the performance of these products when integrated into the Hughes VSAT system.

Since the date of its last Progress Report, Hughes has not employed the limited ability the license in Call Sign WE2XEW provides with respect to market studies. It continues to be the case, however, that Hughes tests a variety of different antennas under its license for Call Sign WE2XEW, as a means to demonstrate compatibility between new mobility antenna models and Hughes equipment. In each of these cases, the test equipment has been decommissioned upon completion of the tests.

Please let me know if you have any questions regarding this required report or if any additional information is needed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'S. Doiron', with a large circular flourish at the end.

Stephen Doiron,  
Senior Director Regulatory Affairs