

EXHIBIT 1

PROGRAM OF RESEARCH AND EXPERIMENTATION

HNS License Sub, LLC (“HNS”), pursuant to Sections 5.54(a)(1) and 5.59(a)(1) of the rules of the Federal Communications Commission, requests to modify its conventional experimental license (WE2XEEW) by:

1. Modifying the frequencies for operation from 29.5-30 GHz to 29.25-30 GHz;
2. Adding as a POINT OF COMMUNICATION EchoStar 19 (Jupiter 2); and
3. Authorizing as permitted experimental services aeronautical services.

The proposed modifications will facilitate HNS’s ongoing experimental operations by expanding the options for testing and developing new services.