

MODIFICATION APPLICATION TO ADD POINT OF COMMUNICATION

By this application, HNS License Sub, LLC (“Hughes”) hereby requests a modification of its experimental license, Call Sign WE2XEW, File No. 0090-EX-ML-2016, to add the Inmarsat-5 F2 space station (“I5F2”) at 55.0° W.L. as an additional point of communication in the Ka-band Fixed-Satellite Service frequencies (29.25-30.0 GHz). The addition of I5F2 as a point of communication would provide a valuable new satellite platform that will enable Hughes to continue its domestic testing, demonstration and training operations of mobile terminals in the continental United States. Further, the addition of this point of communication will increase Hughes’ ability to find suitable satellite capacity that will ensure its ability to satisfy its obligation not to cause harmful interference while communicating with the terminals it is authorized to use. Having the flexibility to look to multiple satellites for the space segment component minimizes the potential for undesired interference resulting from the ongoing experimentation program.

This modification application proposes no change whatsoever to the technical characteristics of the license for Call Sign WE2XEW as authorized in its May 31, 2016 modification grant. All technical operations with the I5F2 satellite will be consistent with the terms of the existing authorization. Prior to commencement of operations using I5F2, Hughes will coordinate its use of antennas authorized under Call Sign WE2XEW with Inmarsat Global Ltd. (the satellite’s operator) and the operators of other nearby co-frequency satellites.

In view of the benefits outlined above and the absence of a need for detailed technical review, Hughes respectfully requests the expeditious consideration and grant of this application.