

Narrative Statement

Pursuant to Section 25.115 of the Federal Communications Commission's rules,¹ HNS License Sub, LLC ("Hughes") requests a license for a transmit/receive Earth station in the Ka-band in Eugene, OR. As explained below, the Earth station antenna will be part of a network of four uplink beacon stations (UBS). The license will operate in accordance with the technical parameters in the Form 312, Schedule B, which is provided with this application.

Grant of this application is in the public interest. The 1.6m antenna that Hughes is filing for with this application will be part of a network of four UBS. Two of the stations will be located in the United States and two of the stations will be located in Canada.² These UBS will provide highly accurate carriers to the Jupiter 2 (EchoStar XIX) satellite to assist Hughes in the accurate pointing of the satellite's beams.³ As the Commission is aware, the Jupiter 2 satellite, which is scheduled for launch in 2016, is Hughes' next-generation, high-capacity satellite. The Jupiter 2, once in operation, will enable Hughes to meet the continued consumer demand for high-speed satellite Internet services throughout the country, including in rural and remote areas. By granting this license application, the Commission will ensure that Hughes is able to provide high quality high-speed Internet services to its customers, including residential, business and government customers. Accordingly, grant of this application is in the public interest.

FAA Notification

According to section 17.7(e)(3) of the FCC's rules, antenna structures of less than 6.10 meters in height do not require notification to the Federal Aviation Administration ("FAA").⁴ The total height above roof top level of the proposed antennas will be less than 6.1 meters. Therefore, the antenna does not require FAA notification.

Radiation Hazard Analysis

Included in the application is the radiation hazard analysis, which was performed by Comsearch on August 6, 2015.

¹ 47 C.F.R. § 25.115.

² The FCC has authorized Hughes to operate a UBS located in Monee, IL. *See* IBFS File No. SES-LIC-20150824-00546 (granted Oct. 7, 2015).

³ The FCC has granted Hughes Network Systems, LLC authorization to access to the U.S. market through the Jupiter 2 (EchoStar XIX) satellite at 97.1° W.L. IBFS File Nos. SAT-LOI-20110809-00148 (granted Jul 27, 2012) and SAT-MOD-20141201-00127 (granted Jun. 23, 2015).

⁴ 47 C.F.R. § 17.7(e)(3).