June 01, 2020

Via ECFS
Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, SW
Washington, DC 20554

Subject: Ex parte presentation: WT Docket No. 20-133, WT Docket No. 10-153, RM-11824 (Aviation), RM-11825 (Maritime), WT Docket No. 15-244 (Terminated)

Dear Ms. Dortch:

Hughes Network Systems, LLC (“Hughes”) submits this ex parte in the above caption proceeding to support the ex parte submitted by SpaceX Exploration Technologies Corp. (“SpaceX”) in the above captioned proceeding.¹ As the FCC initiates its Notice of Proposed Rulemaking which would consider enabling the use of the 70/80/90 GHz bands for new terrestrial uses, the FCC should take into account the existing fixed satellite service (“FSS”) allocation in the band and any required protections as this is a critical expansion band for supporting broadband satellite services in the United States and globally.

As SpaceX notes, some of the bands being considered in the draft Notice of Proposed Rulemaking are allocated for FSS. Today Hughes offers broadband services to over 1.4 million users across North America with existing and new users are demanding higher speeds and capacity. In light of these demands, Hughes is currently constructing its next generation satellite, Jupiter 3, which will offer speeds of approximately 100 mbps. Because of the capacity demands of users, the Jupiter 3 satellite will be the first Hughes satellite to operate in the 40/50 GHz band. As demand for satellite broadband continues to grow and Hughes plans the growth of its network, Hughes is looking at utilizing frequency bands, including at 70/80/90 GHz. Accordingly, like SpaceX, Hughes urges the Commission in this rulemaking to ensure it considers any potential impacts that new uses in the bands have on potential satellite use of the bands.

¹ See Ex Parte of Space Exploration Technologies Corp., WT Docket No. 20-133 et. al. (filed May 22, 2020).
Please direct any questions regarding this filing to the undersigned.

Sincerely,

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