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March 17, 2021

Via Electronic Filing

Tom Sullivan
Chief, International Bureau
Federal Communications Commission
45 L Street NE
Washington, DC 20554

Re: **Request for 60-Day Special Temporary Authority (Wasilla, AK)
GUSA Licensee LLC – Call Sign E050347**

Dear Mr. Sullivan:

GUSA Licensee LLC (together with its parent Globalstar, Inc., “Globalstar”) hereby requests a 60-day Special Temporary Authority (“STA”) under Section 25.120(a) of the Commission’s rules in order to test and validate a new waveform under call sign E050347 in Wasilla, Alaska.¹ Globalstar plans to utilize this new waveform to improve and enhance its safety-of-life mobile satellite services (“MSS”).

Globalstar proposes to transmit this waveform on a test basis under call sign E050347 because this approach represents the best means of assessing, validating, and finalizing the parameters for this carrier, which must meet the specific requirements of Globalstar’s safety-of-life service offerings. Globalstar provides the relevant technical parameters for this new waveform in the Technical Exhibit to this application (“Exhibit 2”). As described in Exhibit 2 (and as Globalstar has previously described), this waveform is a burst mode packet data carrier that supports short-messaging data services. For this waveform, the maximum channel bandwidth is 4.5 megahertz at 5096-5250 MHz and 200 kilohertz at 6900-7055 MHz.²

As Exhibit 2 indicates, while the total EIRP for these test transmissions is the same as for Globalstar’s existing licensed services, the EIRP density for these waveforms exceeds the EIRP density values for Globalstar’s current feeder link operations. These test transmissions will nonetheless create no greater potential for interference than Globalstar’s existing operations at 5091-5250 MHz/6875-7055 MHz. In addition, while Globalstar’s Wasilla gateway antennas will

¹ 47 C.F.R. § 25.120(a).

² The transmit emission designator for the new waveform at 5096-5250 MHz under the proposed STA for call sign E050347 is 4M50G7D, while the proposed receive emission designators for the new waveform at 6900-7055 MHz are 200KG7D, 230KG7D, and 280KG7D.

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transmit this revised test waveform traffic concurrently with its existing, licensed commercial feeder link traffic, Globalstar will avoid any interference to its current MSS operations through appropriate frequency separation in these bands.

Grant of the requested 60-day STA by April 1, 2021 will further the public interest by allowing Globalstar to test its new waveform and develop enhanced safety-of-life services as rapidly as possible.

Please do not hesitate to contact me with any questions.

Respectfully submitted,

/s/ Stephen J. Berman

Stephen J. Berman

cc: Paul Blais