Call Sign E9494

For Special Temporary Authority to
Communicate with NSS-6 to Perform TT&C

Expedited Action Requested

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

By this application, Denali 20020, LLC. ("Denali") respectfully requests **immediate** earth station special temporary authority ("STA") for a period of 180 days to permit Denali to use its E9494 earth station to communicate with the NSS-6 spacecraft using conventional Ku-band frequencies to provide Tracking, Telemetry and Command ("TT&C") to maintain the satellite at 86.8° W.L. +/- 0.10° east/west station keeping.

The grant of this STA will allow Denali to assist **SES** that has already filed similar STA requests (**SES-STA-INTR2019-03772**) for their own earth stations to perform TT&C for NSS-6 at 86.8° W.L.

Denali is not requesting U.S. market access or any other authorization from the Commission in relation to the non-U.S.-licensed NSS-6 spacecraft operations at 86.8° W.L., and therefore is not providing full technical information about the NSS-6 satellite as part of this application.

Grant of this request is in the public interest as the requested TT&C authority will facilitate the safe operation of NSS-6 as it operates at 86.8° W.L. Denali respectfully requests special temporary authority to communicate with NSS-6 for 180 days to provide TT&C as described herein.

Attachment 1: TT&C Emission Characteristics

1. Earth Station Transmission Characteristics

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Emission Designator: 1M00F9D
Max EIRP: 73.00 dBW
Max EIRP Density: 49.10 dBW/4kHz

2. TT&C Frequencies

Telecommand	14496.0 MHz	Vertical polarization via global horn; horizontal polarization via omni in case of emergency
	14499.0 MHz	Vertical polarization via global horn; horizontal polarization via omni in case of emergency
Telemetry	11198.0 MHz[1]	Horizontal polarization via global horn; vertical polarization via omni in case of emergency
	11199.5 MHz	Horizontal polarization via global horn; vertical polarization via omni in case of emergency