

**EXHIBIT 1 – REQUEST FOR EXPERIMENTAL STA**

Comtech Systems, Inc. ("Comtech") hereby requests FCC experimental Special Temporary Authority ("STA") for a six month period utilizing select X Band frequencies for testing and development of a Next Generation Troposcatter system at its facility located in Orlando, FL.

Comtech is developing the Next Generation Troposcatter (NGT)<sup>1</sup> system for the US Marine Corps. pursuant to Contract Number M67854-19-R-2000. The experimental STA requested herein is required to test the system locally for short periods of time as required. Comtech has selected the X Band frequency ranges of 7200 MHz, 7300 MHz, 7600 MHz, and 7700 MHz for the testing proposed herein.

Comtech acknowledges that all testing conducted under this experimental STA will be on a non-interference basis. Further, Comtech will coordinate frequency usage pursuant to any directives issued by the Commission on the experimental authorization.

Because the equipment is technically incapable of providing station identification, Comtech respectfully requests a waiver of the station identification provisions of Section 5.115 of the Commission's rules, 47 C.F.R. § 5.115.

The stop buzzer contact for this project is Paul Kelly at Comtech, mobile: (321) 948-4315, e-mail: [paul.kelly@comtechsystems.com](mailto:paul.kelly@comtechsystems.com)

Comtech submits that a grant of this request for STA is necessary and in the public interest because it will allow Comtech to support testing and development of the NGT system to be used by the US Marine Corp. and support its order with the United States Marine Corp., thus advancing national security efforts.

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<sup>1</sup> In conjunction with Cubic/GATR