

**Comtech Systems, Inc.
Experimental STA Extension Request
Call Sign WR9XCI
File No. 0549-EX-ST-2021**

EXHIBIT 1 – REQUEST FOR EXTENSION OF EXPERIMENTAL STA

Comtech Systems, Inc. ("Comtech") hereby requests an extension of the FCC experimental Special Temporary Authority ("STA") previously granted under FCC Call Sign WR9XCI¹ for a four month period, until the end of August 2021, to continue utilizing select X Band frequencies for testing and development of a Next Generation Troposcatter system at its facility located in Orlando, FL.

As noted in the original STA request, Comtech is developing the Next Generation Troposcatter (NGT)² system for the US Marine Corps. pursuant to Contract Number M67854-19-R-2000. The experimental STA extension requested herein is required to test the system locally for short periods of time as required. Comtech will utilize the X Band frequency ranges of 7200 MHz, 7300 MHz, 7600 MHz, and 7700 MHz for the testing.

The NGT system testing for the US Marine Corps. is currently in process and is not projected to be completed until August 2021. Accordingly, Comtech hereby requests extension of the previously granted STA. Comtech does not anticipate any further extension requests will be necessary, and if further authorization is needed Comtech will submit the request on FCC Form 442.

Comtech will continue to adhere to all special conditions as listed on the original STA grant, namely-

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.*
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.*
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.*
- (4) The stop buzzer contact for this project is Paul Kelly at Comtech, mobile: (321)948-4315, e-mail: paul.kelly@comtechsystems.com the US Marine Corps. Pursuant to Contract Number M67854-19-R-2000*
- (5) Comtech Systems, Inc. must schedule and provide notification with EAFC by phone at 321-853-8426 or email 45sw.dodeafc@us.af.mil prior to testing of experimental use in the requested bands.*
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Marine Corps., Contract Number M67854-19-R-2000. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.*

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 continues to be Paul Kelly at Comtech, mobile: (321) 948-4315, e-mail: paul.kelly@comtechsystems.com

¹ File #1500-EX-ST-2020, STA grant March 9, 2021

² In conjunction with Cubic/GATR

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Comtech submits that a grant of this STA extension 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.