

**HARRIS CORPORATION
EXPERIMENTAL STA APPLICATION
FILE NO. 1773-EX-ST-2018**

EXHIBIT 1 - DESCRIPTION OF EXPERIMENT

Harris Corporation ("Harris") hereby requests experimental Special Temporary Authority ("STA") for a six month period to perform ongoing critical testing, demonstration, and experiments in conjunction with the United States Air Force - Air Force Security Forces Center.

Usage on the frequencies requested herein have been successfully coordinated with the Military Advisory Group "MAG" Chair which concurred to said frequency usage on October 12, 2018.

William R. Whittington, GS-15, DAF
Chair, Military Advisory Group
Ft Meade, MD 20755
(301) 225-3744 DSN (375)

MAG noted no special coordination requirements for the location contained within this STA request.

All experimental testing will be conducted in conjunction with the development of equipment utilized by US Military forces. Accordingly, the applicable POC/Contract information is provided below.

Applicable Government Contract(s) and POC:

JUSTIN L. ALLISON, TSgt, USAF
Action Officer, Contingencies Division
AFSFC/FGCM
1517 Billy Mitchell Blvd, Bldg 954
JBSA-Lackland, TX 78236-0119
Commercial: 210-925-3523
DSN: 945-3523
Email: Justin.Allison.1@US.AF.mil
Contracts: SPM8EJ14D0008I

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

All network traffic will be simulated traffic only, solely for evaluation purposes and not for the purpose of providing network data communications services to user stations.

Harris submits that a grant of this STA request is necessary and in the public interest because it will advance national security efforts by contributing and assisting in the further development of communications equipment utilized by the U.S. Armed Forces.

The **stop buzzer contact** for this project is Bruce Murphy, Engineer at Harris, tel: 585-242-4389, mobile: 585-281-9609, e-mail: bmurph05@harris.com.