

**HARRIS CORPORATION
EXPERIMENTAL STA APPLICATION
EXTENSION REQUEST
FILE NO. 1855-EX-ST-2018**

EXHIBIT 1 - DESCRIPTION OF EXPERIMENT

Harris Corporation ("Harris") hereby requests a short term extension of the experimental Special Temporary Authority ("STA") previously granted under File No. 1357-EX-ST-2018 for a one month period to perform demonstrations in conjunction with the United States Air Force ("USAF"). This STA extension request only includes Andrews AFB and does not include the previously authorized Rochester, NY and Englewood, CO locations.

Harris regrets the short notice of this extension request but notes that a request was received from the USAF on October 26, 2018 to conduct demonstrations at Andrews AFB in November.

Usage on the frequencies requested herein have been successfully coordinated with the Military Advisory Group "MAG" which concurred to said frequency usage on October 29, 2018.

William R. Whittington, GS-15, DAF
Chair, Military Advisory Group
Ft Meade, MD 20755
(301) 225-3744 DSN (375)
Cell: 571-438-1282

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:

ROBERT "BRUSH" MOORE, Maj, USAF
SAF/CIO A6CW
Chief, Airborne Warfighter Integration
1800 Air Force Pentagon, Rm 4D755
Washington DC 20330-1800
DSN: 312-225-6699
COMM: 703-695-6699
CELL: 516-353-1423
Contracts: H92222-12-D-0001, H92222-15-D-0031, & H92222-17-D-0021

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.