

**HARRIS CORPORATION
EXPERIMENTAL STA APPLICATION
FILE NO. 0877-EX-ST-2012
NOVEMBER 2012**

**DESCRIPTION OF EXPERIMENT
& REQUEST FOR EXPEDITED PROCESSING**

**EXHIBIT I
DESCRIPTION OF EXPERIMENT**

Harris Corporation ("Harris") hereby requests Special Temporary Authority ("STA") to conduct the experimental demonstration identified herein in conjunction with the United States Army ("US Army") in preparation and support of the Army Expeditionary Warrior Experiment ("AEWE") exercise.¹ The demonstration authority requested herein will allow Harris to further the AEWE mission of a secure 4G cellular wireless network to be deployed by the US Army. A permanent experimental license request for related testing and demonstration purposes was filed by Harris on June 26, 2012 under *FCC File No. 0338-EX-PL-2012*, however that request remains pending necessitating this request for STA. Given the timing and nature of the demonstration request, attached hereto please find a request for Expedited Processing requesting grant of this STA preferably by November 13, 2012 or as quickly as the Commission can act upon this request.

Demonstration activities will utilize a Harris 12146-0080 unit communicating a Phazar Model No. BRS360-698-6-T0-N-S antenna mounted on a vehicle or 2-3 meter tripod with a one kilometer radius of the coordinates 32-22-07 N, 084-48-33.0 W (located on the Ft. Benning Military Reservation).

Harris acknowledges that all experimental operations conducted in the requested bands will be on a non-interference basis. However, to the extent necessary, Harris will utilize its best efforts to avoid and minimize interference. 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.

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.

Harris submits that a grant of this STA request is necessary and in the public interest because it will advance US Army deployment efforts of the AEWE exercise, thus allowing force utilization of a secure 4G cellular wireless network abroad.

The stop buzzer contact for this project is William Levy, Systems Engineer, tel: (321)727-6305, mobile: (321)482-9506, e-mail: wlevy@harris.com.

¹ For information on AEWE, see: <http://www.benning.army.mil/mcoe/cdid/aeWE/>

Request for Expedited Processing, File No. 0877-EX-ST-2012

Harris Corporation hereby requests that the above-captioned application be processed on an expedited basis. As previously noted, Harris has been tasked to conduct an experimental demonstration identified herein in conjunction with the United States Army ("US Army") in preparation and support of the Army Expeditionary Warrior Experiment ("AEWE") exercise. This demonstration will assist in the deployment of a secure 4G cellular wireless network for the US Army, which will be used abroad in various theaters of operation.