

**Harris Corporation
STA Extension Request
WF2XNW
File No. 0277-EX-ST-2011**

**EXHIBIT I
STA Extension Request**

Harris Corporation ("Harris") hereby submits this request for an extension of Special Temporary Authority ("STA") issued under Call Sign WF2XNW (File No. 0476-EX-ST-2010). The existing authorization is set to expire on May 2, 2011. Owing to unforeseen operational and logistical delays, testing pursuant to the experimental authorization has been delayed, and will extend beyond the May 2, 2011 expiration date. Therefore, Harris hereby seeks an additional, six month period to perform Test Level 3 transmission subsystem testing for the WIN-T terrestrial Line of Sight radio system (known as the JC4ISR Dual Channel System). As previously noted, testing involves JC4ISR systems configured with a HRFU-MT (highband RF unit) antenna capable of dual band operation while on the move. The testing objectives are to validate that the system meets the transmission subsystem requirements of the WIN-T Inc 3 mobile ad hoc radio system architecture.

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 a backbone communications network utilized by the U.S. Armed Forces that will increase warfighter mobility, extend connectivity and enable reach on the battlefield, leverage Network Operations software to keep mobile network infrastructure connected and simplify the ability to configure the network, as well as increase network capacity.

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 acknowledges that an additional FCC grant of this STA extension is deemed temporary in nature and does not constitute a permanent authorization from the Commission. Harris also acknowledges that it will continue to adhere to all Special Conditions as authorized under the original STA.

For the foregoing reason, Harris hereby requests an extension of STA until November 2, 2011.

As referenced in the original STA request, The **stop buzzer contact** for this project is Jim Roesch, Test Lead Engineer at Harris, tel: 321-727-5605, mobile: (321) 506-9930, e-mail: jroesc01@harris.com.