

**HARRIS CORPORATION
EXPERIMENTAL LICENSE APPLICATION
FILE NO. 0457-EX-PL-2008
NOVEMBER 2008**

EXHIBIT I

DESCRIPTION OF EXPERIMENT

Harris Corporation ("Harris") hereby requests an FCC experimental authorization license to conduct experimental testing of combat net radios. Harris already deploys the radios used by U.S. soldiers on the battlegrounds of Iraq and Afghanistan. The experiments proposed in this application will be instrumental in developing next-generation radio equipment used for national security purposes. Once developed and deployed, this next generation of radio equipment will provide U.S. forces with newer, better radio equipment that provides selectable channel bandwidths, simultaneous voice and data, dual push-to-talk capability and direct LAN connectivity. This experimental authorization will allow Harris to continually field test upgrades and improvements as it develops this next generation radio equipment. Harris is currently conducting experimental tests of this equipment pursuant to Special Temporary Authority ("STA") granted on June 1, 2008 (Call Sign: WD9XJC; File No. 0131-EX-ST-2008). Pursuant to Section 5.61(b) of the FCC rules, 47 C.F.R. § 5.61(b), this application for permanent authorization is being filed within fifteen (15) days of the STA expiration date. Harris intends to continue the critical experimental testing as authorized by STA pending disposition of the permanent authority application.

Harris understands that the Special Conditions as granted in the original STA will be applicable to the permanent authorization, namely: **1)** Harris Corporation must ensure that operations do not interfere with FAA operations in the 75.2-75.4 MHz band; and **2)** Harris Corporation should take note that development of equipment for military purposes in the 70 MHz band is not for use in the United States and possessions.

Harris acknowledges that its operations will be on a non-interference basis.

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.

The stop buzzer contact for this project is Jamie Waldron, Field Engineer, tel: (585)241-8275, mobile: (585)770-0135 (24 Hour Monitor), e-mail: jwaldr02@harris.com.

Harris submits that a grant of this application is necessary and in the public interest because it will advance the critical national security efforts identified above.