

**HARRIS CORPORATION
EXPERIMENTAL SPECIAL TEMPORARY
AUTHORITY APPLICATION
FILE NO. 0131-EX-ST-2008
March 2008**

DESCRIPTION OF EXPERIMENT

Consolidated Response to Questions 4 and 5.

Harris is requesting Special Temporary Authority (“STA”) 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.

As shown in the attached documents, a review of the Commission’s database indicates that there are no licensed operations in the proposed operating bands (32.0-32.9 MHz, 33.5-34.9 MHz and 73-74 MHz) within a 30 kilometer radius of the proposed operations. In any event, based on the proposed nature of the testing, Harris believes that any potential for interference will be minimized. Harris nonetheless 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.

Harris submits that a grant of an experimental STA is necessary and in the public interest because it will advance the national security efforts identified above.

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