

**HARRIS CORPORATION  
EXPERIMENTAL SPECIAL TEMPORARY  
AUTHORITY APPLICATION  
FILE NO. 0354-EX-ST-2008  
JULY 2008**

**EXHIBIT I  
DESCRIPTION OF EXPERIMENT**

Consolidated Response to Questions 4 and 5.

Harris Corporation ("Harris") hereby requests Special Temporary Authority ("STA") to conduct experimental testing utilizing the commercially-available equipment identified herein, in order to test advancements of existing waveforms as well as new, higher data rate waveforms. The experiment will consist of one base station radio and up to 6 mobile radios sending a combination of voice, data, telephony, and video transmissions. Further details regarding the experiment are contained within the attached Press Release labeled "Exhibit II Press Release."

As shown in the attached document, a review of the Commission's database indicates that there are licensed operations in the 287.5-292.5 MHz and 362.5-367.5 MHz bands within a 30 kilometer radius of the proposed operations. However, based on the proposed nature of the testing, Harris believes that any potential for interference will be minimal. Nonetheless, 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.

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

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.