

**HARRIS CORPORATION
EXPERIMENTAL SPECIAL TEMPORARY
AUTHORITY APPLICATION
FILE NO. 1169-EX-ST-2015
OCTOBER 2015**

EXHIBIT I - REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Harris Corporation ("Harris") hereby requests FCC experimental Special Temporary Authority ("STA") to conduct base and mobile testing utilizing its AN/PRC-158 wideband tactical radio at its facility located in Rochester, New York. STA is requested for a six month period.

The requested frequency of 321.625 MHz will be used to perform testing on new waveforms and waveform enhancements. SRW is a networking waveform that allows user to do secure voice and data over tactical military radios. Harris will be testing basic SRW waveform functionality such as net formation, voice and IP data. Operations would consist of one base station unit and one mobile unit sending a combination of voice and data transmissions.

Harris acknowledges that all transmissions will be on a non-interference basis and will adhere to any conditions placed on the Special Temporary Authorization.

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 this application is necessary and in the public interest because it will advance national security efforts in the further development of equipment utilized by US Armed Forces around the world.

The **stop buzzer contact** for this testing is Roland Maier at Harris, tel: 585-720-8718, mobile: 585-967-0629, e-mail rmaier01@harris.com.