

**HARRIS CORPORATION
EXPERIMENTAL STA APPLICATION
FILE NO. 0692-EX-ST-2013
August 2013**

Exhibit 1 - Request for Special Temporary Authority

Harris Corporation ("Harris") hereby requests experimental Special Temporary Authority ("STA") to demonstrate to Shelby County, Alabama, state-of-the art P25 Phase 1 and Phase 2 trunking communications using the County's currently authorized Part 22 VHF frequency assignments.¹ Since certain items of Harris fixed station and mobile radio communications equipment required for this test are not yet certified for operation under Part 22 of the Commission's rules, STA is required covering the period of demonstration, which is anticipated to be 120 days in duration. Harris' test is intended to prove to Shelby County that P25 trunked communications is suitable for the County's public safety mission and that operation at VHF will provide the required communications reliability over the County's difficult terrain.

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 voice and data communications services to user stations. Harris believes that no harmful interference to any incumbent licensees will occur as a result of the proposed testing/demonstrations. However, to the extent necessary Harris will use its best efforts to avoid and minimize interference.

Harris submits that a grant of an experimental STA is necessary and in the public interest because it will facilitate deployment of a state-of-the art communications system by Shelby County, Alabama, thus better enabling Public Safety communications within the county.

The **stop buzzer contact** for this project is Tom Ruck at Harris, tel: (434) 455-9357, mobile: (434) 258-9572, e-mail: truck@harris.com.

¹ Shelby County holds CP – Paging and Radiotelephone Market Area FCC authorizations under FCC Call Signs WPZN214, WPZN215, WPZN216, WPZN217, and WPZN218.