

**HARRIS CORPORATION
EXPERIMENTAL STA APPLICATION
FILE NO. 0784-EX-ST-2014**

SUPPLEMENT TO REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Harris Corporation ("Harris") hereby supplements its request for Special Temporary Authority ("STA") filed under File No. 0784-EX-ST-2014.

The initial experimental STA request sought authority to conduct on air demonstrations and testing for the U.S. Special Operations Command South ("SOCOM-South") in Homestead, Florida (Homestead AFB) for a period beginning on October 7, 2014 through October 12, 2014. That portion of the request remains unchanged.

SOCOM-South has requested the ability for Harris to demonstrate its HF Wideband waveform from the Harris Mary Ester site as well, utilizing a power level of 1.0 kilowatt. The Mary Ester site is currently authorized under experimental STA File No. 0522-EX-ST-2014 (expiring December 14, 2014) at a power level of 150.0 watts, thus Harris has authority to transmit at this power level. Additionally, on July 3, 2014, Harris requested permanent experimental authority to utilize the frequencies contained herein for the Mary Ester, FL site at a power level of 1.0 kilowatt (See FCC File No. 0521-EX-PL-2014).¹ That request remains pending before the FCC. If that request were to be granted by the Commission prior to the requested conduct on air demonstration and testing date of October 7, 2014, this additional request is moot.

Harris apologizes for the short notice of this supplemental submission.

¹ In addition to the Mary Ester location, File No. 0521-EX-PL-2014 also sought permanent experimental authority to transmit at a 1.0 kilowatt power level for locations in Rochester, NY, Fayetteville, NC, and Colorado Springs, CO.