

Harris CapRock Communications, Inc.
Application for Two-Year Experimental License

NARRATIVE DESCRIPTION

Harris CapRock Communications, Inc. (“Harris CapRock”) hereby requests a two-year experimental license commencing on or before January 22, 2016 to continue testing and demonstrating its innovative, new earth station onboard vessel (“ESV”) terminal (Model ST5000-2.4) at test locations in Melbourne, Florida, Miramar, Florida, Malabar, Florida and Houston, Texas.

Harris CapRock currently holds an experimental Special Temporary Authorization (“STA”) (Call Sign WI9XOG; File No. 0734-EX-ST-2015) to conduct testing and demonstration operations at the proposed sites. The current experimental STA expires on January 21, 2016. The instant application seeks an experimental license to continue these same experimental operations at these sites for two years.¹

For ease of reference, attached are copies of the supporting narrative statement, coordination reports and other technical information submitted with the prior applications for experimental STA authority.² The instant application for a two-year experimental license does not make any changes to the test sites, technical parameters (frequency bands, emission designators, authorized power or signal modulation) or other information previously authorized pursuant to Call Sign WI9XOG.

¹ See 47 C.F.R. § 5.61(c). Pursuant to this Rule, extensions of experimental STAs are permitted if an application for a regular, two-year experimental license is filed at least 15 days prior to the expiration of the STA. *Id.* Moreover, when such application is timely filed, operations in accordance with the experimental STA may continue pending disposition of the application. *Id.*

² File No. 0734-EX-ST-2015 is an expansion of prior experimental STA authority grant in File No. 0454-EX-ST-2015. Harris CapRock is providing supporting information from both file numbers in the context of this application.