

November 28, 2011

Systems Analyst Branch
Satellite Division, International Bureau
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: Application for Modification of Fixed Earth Station License

Pursuant to Section 25.117 of the Rules and Regulations (“Regulations”) of the Federal Communications Commission (“Commission”), Harris Corporation (“Harris”), by way of the underlying application, seeks Commission authority to modify callsign E080151, file number SES-LIC-20080627-00856.

Harris wishes to modify an existing Vertex 7.2m C-band antenna. The modification consists of swapping the feed by a Ku-band feed. As such, the existing structure and dish will remain in place. Only the feed will be changed. The new emission designators and power parameters are shown in the license application. A new radiation hazard study has also been generated. Please note that the antenna diameter is currently incorrectly shown as 7.3m rather than a 7.2m.

Pursuant to Section 25.212(c) of the Regulations, in the 14.0–14.5 GHz band, an earth station with an antenna of 1.2m or greater may be routinely licensed for transmission of narrowband and/or wideband digital services if the spectral power density into the antenna does not exceed –14 dBW/4KHz. The current application will operate with an eirp power density of -30.08 dBW/4KHz which is 16.08 dB lower than the Commission prescribed limit. Therefore, Harris requests that this application receive routine treatment.

All C-band references in the license are no longer applicable. Therefore, please

delete Site ID: MLB HUB2, and Antenna ID: 1HUB2.

The new Side ID and Antenna ID are shown in the license application.