



Federal Communications Commission  
Washington, D.C. 20554

May 22, 2013

DA 13-1171

Mr. Bruce Fitch  
Harris Corporation  
1025 West Nasa Blvd.  
Melbourne, FL 32919

Call Sign: E130024  
File No.: SES-LIC-20130131-00129

Dear Mr. Fitch:

On January 31, 2013, Harris Corporation (Harris) filed the above-captioned application for a new Fixed-Satellite Service earth station to operate in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands in Old Town, Florida, using a 3.8-meter antenna. For the reason explained below, we dismiss the application without prejudice to re-filing.<sup>1</sup>

Section 25.112(a) of the Commission's rules requires the Commission to return, as unacceptable for filing, any earth station application that is not substantially complete, contains internal inconsistencies, or does not substantially comply with the Commission's rules.<sup>2</sup> For the reasons set forth below, we find the application of Harris unacceptable for filing.

- Harris lists the Total Input Power at antenna flange in Item E38 of its Schedule B as 4.65 Watts for the digital emission designator 96K0G7W listed in Item E47. However, the RF Radiation Hazard study provided as part of Harris's application lists the input power at antenna flange as 0.067 Watts. Furthermore, the Frequency Coordination Report provided lists the same the input power (in decibel equivalence) along with an erroneous modulation description, "ANALOG".
- Harris lists, in Items E54-58 of Schedule B, the eastern and western limits of the satellite arc, the range of antenna elevation angles, and the range of antenna azimuth angles. These values do not match our computations for the earth station coordinates that Harris lists in items E11 and E12 of Schedule B.
- Harris lists, in item E49 of Schedule B, a maximum EIRP Density per Carrier value of 21.4 dBW/4kHz, but the Frequency Coordination Report provided as part of Harris's application only coordinates a value of 20.5 dBW/4kHz.

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<sup>1</sup> If Harris re-files an application identical to the portion dismissed, with the exception of supplying the corrected information, it need not pay an application fee. See 47 C.F.R. § 1.1111(d).

<sup>2</sup> 47 C.F.R. § 25.112(a).

Accordingly, pursuant to Section 25.112(a)(1) of the Commission's rules, 47 C.F.R. § 25.112(a)(1), and Section 0.261 of the Commission's rules on delegations of authority, 47 C.F.R. § 0.261, we dismiss Harris Corporation's application, without prejudice to re-filing.

Sincerely,

Paul E. Blais  
Chief, Systems Analysis Branch  
Satellite Division  
International Bureau