



Federal Communications Commission  
Washington, D.C. 20554

August 12, 2013

DA 13-1746

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

bfitch@harris.com

Call Sign: E130024  
File No.: SES-LIC-20130607-00474

Dear Mr. Fitch:

On June 7, 2013, Harris Corporation (Harris) filed the above-captioned application for an authorization for a new Fixed-Satellite Service earth station in Old Town, FL.<sup>1</sup> The application requests authority to operate the earth station with the SES-2 (S2826) space station at the 87° W.L. orbital location in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands using a 3.8-meter Prodelin 1383 antenna. We dismiss the application without prejudice to re-filing.<sup>2</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>3</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 0.071 Watts for the digital emission designator 64K0G7W 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 stated

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<sup>1</sup> The application in IBFS File No. SES-LIC-20130607-00474 seeks the same authority as that sought in a previous application, IBFS File No. SES-LIC-20130131-00129, which was dismissed. *See* Letter from Paul E. Blais to Bruce Fitch, DA 13-1171, dated May 22, 2013.

<sup>2</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>3</sup> 47 C.F.R. § 25.112(a).

maximum input power of 0.071 Watts (-11.5dBW) does not appear to be sufficient to close the link with SES-2.<sup>4</sup> Therefore, if Harris elects to re-file this application, it must confirm that the power requested is sufficient to close the link with SES-2, submit a link budget in support of such a confirmation, and update the frequency coordination.

- 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. Specifically, Harris lists the antenna azimuth angle in the western limit as 252.0 degrees. However, our computations show the antenna azimuth angle in the western limit should be 251.5 degrees.

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 for a new authorization without prejudice to re-filing.

Sincerely,

Paul E. Blais  
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International Bureau

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<sup>4</sup> See IBFS File No. SAT-RPL-20110429-00082, Attachment, Schedule S Technical Report at 9, Associated Transponder Id Range, C01 to C24, column (j) ("Assoc. Station Transmit Power (dBW)"), which indicates a minimum earth station transmit power greater than -11.5dBW.