

Application Purpose

Harris Corporation ("Harris") hereby submits this FCC Form 312 application for a proposed 3.8 meter transmit/receive C Band earth station to be located in Old Town, Florida. This application is a resubmission of its Form 312 application made with the Commission on January 31, 2013¹ under File No. SES-LIC-20130131-00129.

On May 22, 2013 the Commission dismissed File No. SES-LIC-20130131-00129 without prejudice to refiling² for the following reasons:

· 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.³

· 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.

Harris has corrected the relevant portions of FCC Form 312, Schedule B within this application. Because this submission only supplies the corrected information as noted, an additional application fee is not required pursuant to 47 C.F.R. § 1.1111(d).

¹ Which in turn was a resubmission of a Form 312 application filed by Harris on December 31, 2012 under File No. SES-LIC-20121231-01134.

² See DA 13-1171, released May 22, 2013.

³ With regard to this FCC notation- Harris chose satellites (TelStar12 @ 15degrees W and AMC8 @ 139degrees W) that are the eastern most and western most satellites that are visible from that location (CTY) with at least 10 degrees of elevation.