

Non-Conforming Antenna Statement
2.4m C-band Fixed Earth Station

RiteNet, Corp. ("RiteNet") proposes to use a General Dynamics (Prodelin) 2244, 2.4m antenna for its proposed earth station located in Honolulu, HI at the coordinates of 21-20-6.0 N, 157-53-37.0 W. This antenna has the same performance characteristics as the Prodelin 1241 and 1244 antennas, which utilize the same 2.4m aperture.¹ The Prodelin 2.4m antenna does not strictly comply with Section 25.209 of the FCC's rules, 47 C.F.R. § 25.209, for receive operations in the 1° to 1.5° region.

Pursuant to the *Part 25 Earth Station Fifth Report and Order*, the International Bureau (Bureau) provides a List of Approved Non-Routine Earth Station Antennas (*see* <http://www.fcc.gov/ib/sd/nresa>). The Commission has previously determined that an earth station applicant proposing to use an antenna on this list need not attach antenna radiation plots as an exhibit to their applications, as required by Section 25.132 of the FCC's rules, 47 C.F.R. § 25.132. Rather, they need only provide an attachment to their applications identifying the non-routine earth station antenna and an application file number and call sign of a license in which that type of non-routine antenna has been previously approved. In addition to the license identified in footnote 1 authorizing operation of the Prodelin 2244 antenna, RiteNet identifies File No. SES-LIC-20080718-00955 (Call Sign: E080172) authorizing the Prodelin 1244 antenna to operate at high power levels than proposed herein.

RiteNet agrees to accept any adjacent satellite interference in the earth station receive band as a result of the performance of the antenna in the 1° to 1.5° region because such interference protection applies only to the extent of the criteria set forth in Section 25.209 of the FCC's rules. Should the use of this antenna cause interference to other systems; RiteNet also agrees to terminate transmission upon notice from the FCC.

¹ See, e.g., File No. SES-LIC-20150609-00351; Call Sign E150093 (non-conforming antenna statement illustrating the same performance characteristics for the Prodelin antennas).