

**Waiver for the Sea Tel 2400 C-band Antenna of the
§25.115(g)(1)(vi) Requirement that the Information Submitted to
Satisfy §25.115(g)(1) Include Plots Measured with Maximum Skew as
Described in §25.132(b)(1)(iv)**

Cobham SATCOM explained that Plots measured with max skew as described in §25.132(b)(1)(iv) were not prepared because, *“Although our antenna does not have a symmetric aperture, and given that we do not align the major axis with the plane tangent to the GEO arc, the data we have provided for both Az and EL (Major and Minor aperture axis) Gain and EIRPSD patterns shows compliance to the more stringent requirements of patterns in the plane tangent to the GEO arc. The requirement mentioned below [sic] is actually meant for antennas that are trying to get a relaxation in EIRPSD/Gain compliance for the plane with the minor axis. In our case the plane with the maximum skew the antenna may operate is 90 degrees meaning the elevation cut would be radiating in the plane tangent to the GEO arc (when operating at the equator) and as such the masks applied to our elevation patterns are those required for that type of operation (same as the mask applied for the Az cut).”*

Marlink therefore respectfully requests waiver for the Sea Tel 2400 C-band Antenna of the §25.115(g)(1)(vi) requirement that the Information submitted to satisfy §25.115(g)(1) Include plots measured with maximum skew as described in §25.132(b)(1)(iv).