

Sea Tel

COBHAM

Sea Tel Inc.
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FCC Declaration of Conformity

1. Sea Tel, Inc. designs, develops, manufactures and services marine stabilized antenna systems for satellite communication at sea. These products are in turn used by our customers as part of their C-band Earth Station on Vessels (ESV) networks.
2. FCC regulation 47 C.F.R. § 25.221 defines the provisions for blanket licensing of ESV antennas operating in the C Band. This declaration covers the requirements for meeting § 25.221 (a)(1) by the demonstrations outlined in paragraphs (b)(1)(i) and (b)(1)(iii). The requirements for meeting § 25.221 (a)(3)-(a)(7) are left to the applicant. The paragraph numbers in this declaration refer to the 2009 version of FCC 47 C.F.R. § 25.221.
3. Sea Tel hereby declares that the antennas listed below will meet the off-axis EIRP spectral density requirements of § 25.221 (a)(1)(i) with and N value of 1, when the following Input Power spectral density limitations are met:
 - 1.5 Meter C Band, Models 6006, 6009, and 6012 are limited to -10 dBW/4kHz
 - 2.4 Meter C Band, Models 9797, 9707 and 9711 are limited to -7 dBW/4kHz
4. Sea Tel hereby declares that the antennas referenced in paragraph 3 above, will maintain a stabilization pointing accuracy of better than 0.2 degrees under specified ship motion conditions, thus meeting the requirements of § 25.221 (a)(1)(ii)(A).
5. Sea Tel hereby declares that the antennas referenced in paragraph 3 above, will automatically cease transmission within 100 milliseconds if the pointing error should exceed 0.5 degrees and will not resume transmission until the error drops below 0.2 degrees, thus meeting the requirements of § 25.221 (a)(1)(iii).
6. Sea Tel maintains all relevant test data, which is available upon request, to verify these declarations.



4/16/2013

Peter Blaney, Chief Engineer
Cobham – SATCOM
Sea Tel Products.

Date