



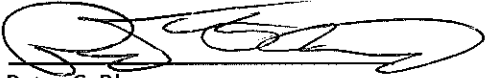
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**Declaration of Cobham SATCOM, Sea Tel, Inc.**

1. Cobham SATCOM – Marine Systems, Sea Tel Products designs, develops, manufactures and services marine stabilized antenna systems for satellite communications at sea. TeleSat proposes to use the Sea Tel Model 2406, USAT24, 4006, 4009, 6006 and 6009 stabilized antenna as part of its Ku-band Earth Station on Vessels (“ESV”) networks.
2. FCC regulation 47 C.F.R. § 25.222 defines the provisions for blanket licensing of ESV antennas operating in the Ku Band. This declaration covers the requirements for meeting § 25.222 (a)(1) by the demonstrations outlined in paragraphs (b)(1)(i) and (b)(1)(iii). The requirements for meeting § 25.222 (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. § 25.222.
3. Sea Tel hereby declares that the antennas listed below will meet the off-axis EIRP spectral density requirements of § 25.222 (a)(1)(i) with an N value of 1, when the following Input Power spectral density limitations are met:

0.6 Meter Ku Band, Models 2406 and USAT 24 are limited to	-21.6 dBW/4kHz
1.0 Meter Ku Band, Models 4006 and 4009 are limited to	-16.3 dBW/4kHz
1.5 Meter Ku Band, Models 6006 and 6009 are limited to	-14.0 dBW/4kHz
4. Sea Tel hereby declares that the antennas referenced in paragraph 1 and 3 above, will maintain a stabilization pointing accuracy of better than 0.2 degrees under specified ship motion conditions, thus meeting the requirements of § 25.222 (a)(1)(ii).
5. Sea Tel hereby declares that the antennas referenced in paragraph 1 and 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 § 25.222 (a)(1)(iii).
6. RF Performance of the USAT 24 is identical to the 2406 stabilized antenna system.  
RF performance of the 4009 is identical to the 4006 stabilized antenna system.  
RF performance of the 6009 is identical to the 6006 stabilized antenna system.
7. Sea Tel maintains all relevant test data, which is available upon request, to verify these declarations.

Executed on: 9/23

By:   
Peter G. Blaney  
Chief Engineer, Sea Tel Products  
Cobham SATCOM, Marine Systems