

Cobham SATCOM

Lundtoftegaardsvej 93 D 2800 Kgs. Lyngby Denmark

T: +45 39 55 88 00 F: +45 39 55 88 88

Cobham Reference: 99-157756-A

Declaration of Thrane & Thrane A/S

1. This declaration refers to the following Thrane & Thrane antenna model:

TT-7060C SAILOR 600 VSAT Ku system, Maritime Ku-Band system.

- 2. This declaration covers the requirements on off-axis EIRP spectral density limitations as well as pointing accuracy and cessation of transmissions as described in FCC regulation 47 CFR of August 2016, §25.222 sections (a)(1)(i), (a)(1)(ii) and (a)(1)(iii).
- 3. Thrane & Thrane A/S hereby declares that the antenna referenced in 1, above, will meet the off-axis EIRP spectral density requirements of §25.222 section (a)(1)(i) when the input power spectral density is limited to 16.1 dBW/4kHz.
- 4. Thrane & Thrane A/S hereby declares that the antenna referenced in 1, above, will maintain a stabilization pointing accuracy of 0.2 degrees RMS or less under specified ship motion conditions, thus meeting the requirements of §25.222 section (a)(1)(iii).
- 5. Thrane & Thrane A/S hereby declares that the antenna referenced in 1, above, will automatically cease transmission within 100 milliseconds if the pointing error should exceed 0.5 degrees and will not resume transmission until the pointing error drops below 0.2 degrees, thus meeting the requirements of §25.222 section (a)(1)(iii).

Date

6/7-2017

Vibeke Fink R&D Director

Thrane & Thrane A/S

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