

555 Eleventh Street, N.W., Suite 1000  
Washington, D.C. 20004-1304  
Tel: +1.202.637.2200 Fax: +1.202.637.2201  
www.lw.com

# LATHAM & WATKINS<sup>LLP</sup>

December 19, 2014

## VIA ELECTRONIC FILING

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

FIRM / AFFILIATE OFFICES  
Abu Dhabi Milan  
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Re: Supplemental Submission of ISAT US Inc.; IBFS File Nos. SES-LIC-20140224-00098; SES-AMD-20140715-00601; Call Sign E140029

Dear Ms. Dortch:

ISAT US Inc. hereby supplements the above-referenced application and amendment (the "Application") with declarations by the manufacturers of the maritime earth station terminals identified in the Application regarding antenna pointing accuracy.

If you have any questions regarding this submission, please feel free to contact the undersigned.

Respectfully submitted,

/s/

Elizabeth R. Park

Enclosures

cc: Chip Fleming  
Alyssa Roberts



**Cobham SATCOM**

Lundtoftegaardsvej 93 D  
2800 Kgs. Lyngby  
Denmark

T: +45 39 55 88 00

F: +45 39 55 88 88

Declaration of Thrane & Thrane A/S

1. This declaration refers to the following Thrane & Thrane antenna model:  
  
TT- 7090C SAILOR 100 GX system, Maritime Ka-Band system.
2. Thrane and 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.
3. Thrane and Thrane A/S hereby declares 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.

Date: 5/12-2014

Vibeke Fink  
R&D Director  
Thrane & Thrane A/S



Sea Tel Inc.  
4030 Nelson Ave., Concord  
California, 94520, USA  
T: +1 (925) 798-7979  
F: +1 (925) 798-7986

## 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 Ka-band Earth Station on Mobile Platform (ESoMP) networks.
2. FCC regulation 47 C.F.R. § 25.138 defines the provisions for blanket licensing of GSO FSS Earth Stations operating in the Ka Band.
3. Sea Tel hereby declares that the antennas listed below will meet the off-axis EIRP spectral density requirements of § 25.138 (a)(1) with an N value of 1, when the following Input Power spectral density limitations are met:

0.6 Meter Ka Band, Model GX 60, is limited to	-10.5 dBW/40kHz
1.0 Meter Ka Band, Model 4012 GX, is limited to	-10.5 dBW/40kHz
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.
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.
6. Sea Tel maintains all relevant test data, which is available upon request, to verify these declarations.

A handwritten signature in blue ink, appearing to read "Peter Blaney", written over a light blue circular stamp.

Peter Blaney, Chief Engineer  
Sea Tel, Inc  
Concord, CA

12 Dec 2014



1-1, Shimorenjaku 5 Chome, Mitaka-shi

Tokyo 181-8510, JAPAN

Phone +81-422-45-9381

Fax +81-422-45-9923

**Pointing Accuracy declaration for Global Xpress JUE-60GX**

Japan Radio Co., Ltd. hereby certifies that JUE-60GX will maintain a stabilization pointing accuracy of better than 0.2 degrees and 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.

A handwritten signature in black ink, appearing to read "S. Senoh", is written over a horizontal line.

Shigeru Senoh

Manager,

Maritime Satellite Communications Group

Engineering Department