

EXHIBIT REGARDING NOTIFICATION
OF NEW ESV MODEL (CALL SIGN KA399)

Telesat Network Services, Inc. (“Telesat”) is filing the instant application to notify the International Bureau that it has added one new antenna type – SeaTel 6012 – to its existing authorization for Ku-band transmit/receive earth station and earth stations on vessels (“ESV”) operations under Call Sign KA399. Telesat notes that the antenna type has been determined to be electrically and technically identical to its predecessor models – the SeaTel 6006/6009 series. Cobham SATCOM, manufacturer of the antennas, has begun production of the model and, by way of the attached declaration, certifies that the new model has identical radiofrequency performance to the predecessor models.

The Bureau had previously granted Telesat authority to operate the SeaTel 6006 and 6009 models.¹ Telesat recognizes that it could add the antennas to its operations without notification, consistent with 25.118(b) of the Commission’s rules, which permits activation of replacement equipment that is electrically identical to the existing equipment.² However, out of an abundance of caution and because Telesat will continue to operate the predecessor antennas for the foreseeable future in addition to these new replacement antennas, it is also submitting the instant notification to add those antenna models to its current authorization.

¹ Telesat’s authority to operate the antennas falls under Call Sign KA399. *See* File No.s SES-MOD-20100513-00590, SES-AMD-20101103-01392 (granted Feb. 8, 2011) and SES-MOD-20110415-00459 (granted Jul. 13, 2011).

² 47 C.F.R. § 25.118(b).



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 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
*0.75 Meter Ku Band, Models 3011 and USAT-30 are limited to	-21.6 dBW/4kHz
0.9 Meter Ku Band, Model 3612 is limited to	-20.3 dBW/4kHz
1.0 Meter Ku Band, Models 4003/4006/4009/4010 are limited to	-16.3 dBW/4kHz
1.0 Meter Ku Band Model 4012 is limited to	-16.6 dBW/4kHz
1.2 Meter Ku Band, Models 4996/5009/5010/5012 are limited to	-14.0 dBW/4kHz
1.5 Meter Ku Band, Models 6006/6009/6012 are limited to	-14.0 dBW/4kHz
2.4 Meter Ku Band, Models 9797 and 9711QOR are limited to	-14.0 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 § 25.222 (a)(1)(ii)(A). Those antennas marked with * will maintain a stabilization pointing accuracy of better than 0.3 degrees. The Input Power spectral density limits for these antenna have been adjusted to meet the requirements of § 25.222 (a)(1)(ii)(B).
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 § 25.222 (a)(1)(iii).
6. Sea Tel maintains all relevant test data, which is available upon request, to verify these declarations.

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