



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **20 431 - 04 HH**

Company **Eurocom Industries
Porsvej 2
DK-9200 Aalborg SV**

Product Description **Ship Security Alert System (SSAS)**

Type **DEBEG 3200 SSAS Mini-C**

Environmental Category **C; F (transceiver); EMC1**

Technical Data /
Range of Application **Ship Security Alert System (SSAS) based on Inmarsat-miniC equipment with an integral GPS receiver consisting of:**
- Transceiver unit TT-3026M
- Interconnection box TT-3616B
- Security alert button Opt 911
- Test button Opt 912

Power Supply: 10.5 - 30 V DC, 4 A (max.)

Software Version: V 2.11
Tests and evidence according to Requirement Class 1.

Test Standard **IMO Res. MSC.147(77); MSC/Circ.1072; IEC 60945 (2002);
Guidelines for the Performance of Type Approvals, Part 2 (2003).**

Documents **Test reports: DELTA-E501623-2; DTI ref. 1184504; TT99-120352-A; TT95-120306-A;
TT95-120319-A; TT95-120320-A; TT95-120321-A.
Documents: Manual 98-120343, Rev.C; Drawings TT97-114049, -116006, -120211, -
120210, -115656-A; Inmarsat Cert. 4TT091; LR Cert. 03/7004.**

Remarks **None**

Valid until **2009-02-28**

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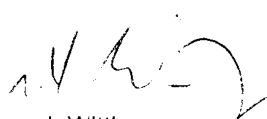
Type Approval Symbol



File No. I.E.03

Hamburg, 2004-04-19

Germanischer Lloyd


J. Wittburg


H. Kuhn