

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. 61 450 - 13 HH

Company EMA d.o.o.
Mariborska cesta 1c
3000 Celje, SLOVENIA

Product Description Ship Security Alert System (SSAS)

Type BlueTraker SSAS, BlueTraker SSAS Arctic

Environmental Category C, F (Transceiver), EMC1

Technical Data / Range of Application Ship Security Alert System (SSAS) based on Iridium satellite network transceiver with integrated GPS/GLONASS receiver consisting of:
- BlueTraker SSAS (Arctic) terminal
- ConBox SSAS wiring cabinet
- Main Cable Set
- UniMount / RailMount bracketry kit
- Alert buttons
Power supply:
BlueTraker SSAS Arctic: 24 VDC nominal (21 VDC to 36 VDC range)
BlueTraker SSAS: 12/24 VDC nominal (8 VDC to 36 VDC range)
Degree of protection: IP68 (depth 6 m)/ IP69K
Temp.range for Arctic : -50°C to 55°C
Maximum cabling ranges:
- Main Cable Set: max 100m; each Alert button Cable set: max 500m
- Sum of all cable lengths: max 600m
Software Version:
- Firmware 3.7.xxx

Test Standard IMO Res. MSC.147(77), A.694(17); IMOMSC/Circ.1072; IEC 60945(2002) Guidelines for the Performance of Type Approvals Chapter 2, Edition 2012

Documents Test report :
SIQ T211-0001/14, dated 2014-01-22; SIQ T251-0061/14, dated 2014-01-21;
BSH Certificate No. 854, dated 2014-01-23;
EMA TN14_001, RN: 14R00005, dated 2014-01-24

Remarks None

Valid until 2019-01-29

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File No. I.E.03

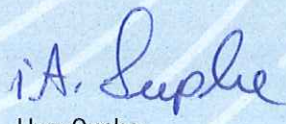
Hamburg, 2014-01-30

Type Approval Symbol



Germanischer Lloyd


Marco Rinkel


Uwe Supke

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".