

TYPE APPROVAL CERTIFICATE

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

Certificate No.	60 464 - 09 HH
Company	EMA d.o.o. Mariborska cesta 1c 3000 Celje, SLOVENIA
Product Description	Long-Range Identification and Tracking (LRIT) Shipborne Unit
Type	BlueTraker® LRIT, BlueTraker® LRIT Arctic
Environmental Category	F; EMC 1
Technical Data / Range of Application	Long Range Identification and Tracking (LRIT) shipborne unit based on Iridium satellite system, consisting of: - Integral GPS/GLONASS receiver, - Integral GPS/GLONASS antenna, - Integral Iridium transceiver, - Integral Iridium antenna, - Integral power supply. Power supply: - BlueTraker® LRIT (P/N:08567): 12/24 VDC nominal (8 VDC to 36 VDC range), - BlueTraker® LRIT Arctic (P/N: 09204): 24 VDC nominal (21 VDC to 36 VDC range). Degree of protection: - IP68 (depth 6 m, duration 1 hour) / IP69K. Software Version: - Firmware LRIT 4.8.B7.
Test Standard	MSC.263(84); MSC.1/Circ.1296; IEC 60945:2002 / EN 60945:2002 / Corr.1:2008; GL Guidelines for the Performance of Type Approvals, Chapter 2 (VI-7-1, 2012).
Documents	Test reports: SIQ T211-0001/14, dated 2014-01-22; SIQ T251-0061/14, dated 2014-01-21; EMA TN14_001, RN: 14R00005, dated 2014-01-24; TRL EU2398/6579; RU1196/6580; BSH Certificate No. 854, dated 2014-01-23; BlueTraker® LRIT and LRIT Arctic Mechanical and Electrical Installation Manual Rev. 1.0. Doc-ID 12134 (P/N: 11953)
Remarks	This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.

Valid until **2019-07-31**

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File No. **I.E.03**

Hamburg, 2014-09-25

Type Approval Symbol

