

EC Certificate

Type Examination (Module B)



This is to certify that:

Germanischer Lloyd, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, notified by the German Federal Ministry of Transport, Building and Urban Development, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No. **47 015 - 12 HH**

Applicant **SM Electrics GmbH
Services & More
Am Wulfsbarg 17
24217 Stakendorf, GERMANY**

Manufacturer **sm electrics GmbH
services & more
Am Wulfsbarg 17
24217 Stakendorf, GERMANY**

Product Description **Bridge Navigational Watch Alarm System (BNWAS)**

Product Name **le guardian 2025**

Trade Name **Alphaguard, Imtech guardian 2025, MSC-WAS, Rockson Guardian V11, U-WAS
2000, Watch Guardian**

Specified Standards **IMO Res.A.694(17), MSC.128(75), MSC.191(79), IEC 60945 (2002) inc. corr.1 (2008),
IEC 61162 Series, IEC 62288 Ed.1.0(2008), IEC 62616 (2010)**

Related Directive **2011/75/EC**

Equipment Section **Navigation equipment**


Annex A.1 Item No. **A.1/4.57**

Date of Issue **2012-10-05**

Expiry Date **2017-10-04**

Germanischer Lloyd




Nils Wegener

Notified Body No.: 0098



Certificate No: 47 015 - 12 HH Date of Issue: 2012-10-05

Schedule of Approval

Approval Documentation

Test report : EMC: 411.168.1 and 409.137.1, Shock & Vibration: 411.168.2, Climate: 411.168.3, Environmental: 409.137.2

Technical Data

The Bridge Navigational Watch Alarm System type: le guardian 2025 is fully in compliance with the requirements of MSC.128(75) and consists of the following equipment:

1. le guardian 2025 connecting module, type: LCM 210.24.0.0
2. le guardian 2025 operating device, type: LOD 210.24.0.0
3. NMEA Expansion Module, type: NMEA 210.24.0.0

Additional equipment:

1. Watch Alarm Reset Unit WAR 220.2.1.0
2. Watch Alarm Reset Unit WAR 220.2.0.0
4. Watch Alarm Reset Button WAR 220.1.0.0
5. Watch Alarm Reset Button WAR 220.1.0.1
6. Watch Alarm Reset Unit WAR 220.3.0.0
7. Watch Alarm Panel (Alarm Device) WAP 220.2.0.0
8. Watch Alarm Panel (Alarm Device) WAP 220.4.0.0
9. Watch Alarm Panel (Alarm Device) WAP 220.5.0.0
10. Watch Alarm Extension buzzer WAB 220.2.0.0
11. Watch Alarm Extension buzzer (Wall mounted IP56b) WAB 220.1.0.0
12. Watch Alarm Motion Sensor Kit, WMS 220.2.0.0

Optional equipment:

1. Failure Alarm Panel: FAP 220.1.0.0
2. 1,3Ah battery buffered UPS DC24V, 10A: UPS 220.24.0.0
3. 240VAC / 24VDC 2,5A power supply: WPS 220.24.0.0
4. Dual power supply application version A: DC main / AC back-up: WPS AC/DC relay kit
5. Dual power supply application version B: AC main / DC back-up: WPS AC/DC relay kit

Documentation:

User manual, le guardian vers 2.0x



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Remarks

None

Limitations on the acceptance or use of the product

none

Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform Germanischer Lloyd, as the Notified Body, of any modifications or changes to the approved equipment.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.