## Certificate of Type Approval



This is to certify that

## Germanischer Lloyd

specified as a "person" under the terms of The Merchant Shipping (Delegation of Equipment Approval)
Regulations 1996, did undertake the relevant type approval procedures of the equipment identified below which was found to be in compliance with the essential safety requirements subjects to any conditions in the schedule hereto.

Producer Veinland GmbH
Address Pappelallee 19

14554 Seddiner See, GERMANY

Equipment Description Bridge Navigational Watch Alarm System (BNWAS)

Type VL-BNWAS

Specified Standard IMO Res. A.694(17), MSC.128(75), MSC.191(79), MSC/Circ.982,

IEC60945(2002), IEC61162series, IEC62288 Ed.1.0 (2008), IEC62616(2010)

The attached schedule forms part of this certificate.

This certificate remains valid until 2016-09-15 unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Issued by Germanischer Lloyd

Name Dr. Joannis Pananuska

Date of issue Dr. Joannis Papanuskas Jan Reineck

2011-09-16

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This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify the nominated body named on this certificate of any modification or changes to the equipment in order to obtain a valid certificate.

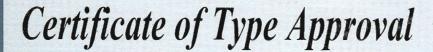


NOTE

This certificate is issued under the authority given in Merchant Shipping Notice No. MSN 1735 (M+F).

Maritime and Coastguard Agency

The latest edition of the General Terms and Conditions of Germanischer Lloyd is applicable. German law applies.





The Bridge Navigational Watch Alarm System, type VL-BNWAS, consists of the following equipment:

- Main Panel, BNWAS\_Central Unit, Software Version 1.2.x
- Reset button outdoor, BNWAS RTA
- Alarmbox outdoor, BNWAS\_ALRBA
- Alarm unit 2nd stage, BNWAS ALR2
- Alarm unit 3rd stage, BNWAS\_ALR3
- Reset button indoor, BNWAS\_RTI
- Buzzer indoor, BNWAS\_RBI

## Optional equipment:

- Motion Sensor, BNWAS\_PIR\_Sensor
- UPS VL-SUA1000I
- Power Supply Type: STEP-PS/1AC/24DC/1.75

## Documentation:

- EMC Test Report G0M-1106-1215-E-16
- Environmental Test Report G0M-1106-1215-L
- Compass safe distance certificate no.713
- GL Test Report dated 2011-09-13
- Manual: TD\_BNWAS\_SW1.2\_DOC1.0 de and TD\_BNWAS\_SW1.2\_DOC1.0 en

Date of issue

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Marilime and Ocastguard Agency