

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**

Signed

Name

Date of issue

Certificate No.

Sheet No.

Germanischer Lloyd


Dr. Joannis Papanuskas


Jan Reinecke

2011-09-16

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NOTE 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.



Maritime and Casuarium Agency

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

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

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

- Main Panel, BNWS_Central Unit, Software Version 1.2.x
- Reset button outdoor, BNWS_RTA
- Alarmbox outdoor, BNWS_ALRBA
- Alarm unit 2nd stage, BNWS_ALR2
- Alarm unit 3rd stage, BNWS_ALR3
- Reset button indoor, BNWS_RTI
- Buzzer indoor, BNWS_RBI

Optional equipment:

- Motion Sensor, BNWS_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_BNWS_SW1.2_DOC1.0 de and TD_BNWS_SW1.2_DOC1.0 en

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