

# TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:  
**MERB0001N80**  
Revision no.:  
**0**

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

## This is to certify:

that the **Public Address and General Alarm Systems (PAGA): - speakers**

with type designation(s)  
**VLS-15T/F-MED and VLS-30T/F-MED**

issued to

**Zenitel Norway AS avd Horten**  
**HORTEN, Norway**

is found to comply with the Regulation (UK) **MSN 1874 Amendment 10** for  
Item no. **UK/1.44b (Row 1 of 1)**

according to the following requirements:

**SOLAS 74 Reg. II-2/12, SOLAS 74 Reg. II-2//21, SOLAS 74 Reg. II-2/22, SOLAS 74 Reg. III/6, IMO Res. A.1021(26) 5, IMO Res. MSC.48(66)-(LSA Code) VII, IMO MSC.1/Circ.808, IMO MSC.1/Circ.1369/Add.1, SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3, IMO Res.MSC.36(63)-(1994 HSC Code) 4, IMO Res.MSC.36(63)-(1994 HSC Code) 8, IMO Res.MSC.97(73)-(2000 HSC Code) 4, IMO Res.MSC.97(73)-(2000 HSC Code) 8**

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-10-23**

Expiry date: **2030-10-22**

DNV local unit:  
**Sandefjord**



for **DNV UK Ltd.**

Approval Engineer:  
**Steinar Kristensen**

Approved Body No.: **0097**

.....  
**Christine Mydlak-Röder**  
**MER Service Responsible**



**Maritime &  
Coastguard  
Agency**

UK Approved Body Authorised  
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

"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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

## Product description

Please see Appendix: Product Description

## Application/Limitation

- The speakers are to be installed according to the instructions in the installation manuals.

## Type Examination documentation

### Tests carried out

- Environmental testing: IEC 60945 (2002) incl. Corr.1 (2008)
- Performance testing: EN 50695 (2021)

## Marking of product

The type designation and name and contact address of the manufacturer shall be affixed visibly, legibly and indelibly to the product. In addition the product shall be marked with serial/batch number and safe distance to magnetic compass.



# APPENDIX

## Product Description

Certificate no.:  
**MERB0001N80**  
Revision no.:  
**0**

The VLS-15T/F and VLS-30T/F are loudspeakers intended for sounding of Public Address or General Emergency Alarm.  
The speakers support selectable power settings.

Unit	Art. Nr.	Description	Rated power (W)	Location
VLS-15T/F-MED	2131000152	Horn speaker, 100V	15	Exposed
VLS-30T/F-MED	2131000153	Horn speaker, 100V	30	Exposed