



TYPE APPROVAL CERTIFICATE

Certificate No:
TAA00001JF
Revision No:
1

This is to certify:

That the **Batteryless Telephone System**

with type designation(s)
VSP

Issued to
ZENITEL NORWAY AS AVD HORTEN
HORTEN, Norway

is found to comply with
DNV rules for classification – Ships, offshore units, and high speed and light craft
IMO Res. A.694(17) General requirements for shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) and for electronic navigational aids

Application :

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Issued at **Høvik** on **2022-09-28**

for **DNV**

This Certificate is valid until **2027-09-27**.

DNV local station: **Sandefjord**

Approval Engineer: **Steinar Kristensen**

Frederik Tore Elter
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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 300,000 USD.



Product description

Batteryless Telephone system for up to 20 extensions with hand generator. The system may be used with additional visible/audible signal units, and headset.

Type designation	Description	Location ^{*)}
VSP211A-L	Telephone with amplifier	Protected
VSP211L	Telephone with amplifier, 12 positions selector	Protected
VSP-211M-L	Telephone with amplifier, 10x2 positions selector	Protected
VSP-212M-L	Telephone, 10x2 pos. selector, relay latch timer	Protected
VSP-213A-L	Telephone	Protected
VSP-213L	Telephone, 12 positions selector	Protected
VSP-213M-L	Telephone, 10x2 positions selector	Protected
VSP-223A-L	Telephone, relay latch timer	Protected
VSP-223-L	Telephone, 12 pos. selector, relay latch timer	Protected
VSP-122A	Telephone, watertight	Exposed
VSP-122AP	Portable telephone, watertight	Exposed
VSP-122	Telephone, watertight, 12 pos. selector	Exposed
VSP-122P	Portable telephone, watertight, 12 pos. selector	Exposed
VSP-22M	Telephone, watertight, 10x2 pos. selector	Exposed
IRR-VSP-24	Relay timer, 24VDC	Protected
IRR-VSPM-24	Relay timer, 24VDC	Protected
IRR-VSP-110	Relay timer, 110VAC	Protected
IRR-VSP-220	Relay timer, 220VAC	Protected
IRR-VSPM-220	Relay timer, 220VAC	Protected

^{*)} Environmental conditions according to IEC 60945

Application/Limitation

- The system is to be installed as specified in equipment manuals.

Tests carried out

- Environmental testing: IEC 60945 (2002)

Type Approval documentation

DNV No	Document ID	Rev.	Description
12	96-1196	1996-10-16	Report: DNV, EMC testing and type testing according to DNV 2.4 of Vingtor VSP and VSS system
11	A100K10873	v6.0	MANUAL: Zenitel, VSP-12 WAY Technical Manual
10	A100K10758	v6.0	Manual: Zenitel, VSP-M 20 WAY Technical Manual
9	A100K10756	v6.0	Manual: Zenitel, VSP-M 20 WAY User Guide
8	A100K10675	v6.0	Manual: Zenitel, VSP 12 WAY User Manual
7		2008-05-08	Complete Documentation
5	2008-3232	01	Report: DNV, Compass Safe Distance test of VSP Batteryless Telephone Apparatus
2	S97 0662b	October 1997	Report: JYSKE EMC LAB A/S, EMC-test of Batteryless Telephones VSP-211M-L (ver.03) & VSP-212-L (ver. 03)
1	S97 0662a	October 1997	Report: JYSKE EMC LAB A/S, EMC-test of Batteryless Telephones VSP-211-L (ver.03) & VSP-223-L (ver. 03)



Job Id: **262.1-004911-6**
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Marking of product

The Manufacturer and Type Designation to be applied to the equipment in a clearly visible location. In addition the equipment shall be marked with serial number, safe distance to magnetic compass, power consumption and/or supply voltage.

Periodical assessment

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

The scope of the periodical/renewal assessment is to verify that the production quality conditions stipulated for the type approval are complied with and that no alterations are made to the product design or its components and/or materials without appraisal by the Society.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in <https://approvalfinder.dnv.com>