



CERTIFICATE NUMBER
EFFECTIVE DATE
EXPIRY DATE
ABS TECHNICAL OFFICE

26-0699446-PDA
28-Sep-2026
27-Sep-2031
Gdynia Engineering Department

CERTIFICATE OF Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

ZENITEL NORWAY AS

located at

BROMSVEIEN 17, , HORTEN, Norway, 3183

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: Telephone, Batteryless System
Model: 12 and 20-Way Batteryless Telephone Systems
Endorsements:
Tier: 3 - Type Approved, unit certification not required

This Product Design Assessment (PDA) Certificate remains valid until 27/Sep/2031 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau Of Shipping

Amit Gupta,Engineer/Consultant

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

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Tier: 3 - Type Approved, unit certification not required

Product: Telephone, Batteryless System
Model: 12 and 20-Way Batteryless Telephone Systems
Endorsements:

Intended Service:

For use on ABS Classed Vessels and Offshore Installations in accordance with the listed ABS Rules and International Standards.

Description:

The VSP system is an emergency voice communication system, independent of the vessel's power supply, and is available for hand/head set phone unit connection in essential locations.

12-Way: VSP-211-L; VSP-213-L; VSP-223-L; VSP-122; VSP-122-P

20-Way: VSP-211M-L; VSP-213M-L; VSP-212M-L; VSP-22M

Intrinsically Safe: VSP-5012 / VSP-512

The system components are available for panel, desktop or bulkhead mounting. The basic system consists of up to 12 main stations with selector switch for selective calling between all connected stations. By inserting an additional group selector in each station, the system can be increased to 20 extensions (Model: VSPM). The telephone unit is equipped with built-in system amplifier and capacitor battery. Activation by means of a hand generator (5-6 turns), allows 20 minutes speech time, which can be extended. Watertight plug boxes are available for additional headsets when required.

Rating:

- 1) Power supply: 24 VDC (additional terminals for connection of 24 VDC power supply as option)
- 2) IP rating: IP44 ; except VSP-122-P, VSP-122, VSP-22M with enclosure protection IP66

Service Restriction:

- 1) Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.
- 2) ATEX certified equipment is not to be installed in hazardous areas on U.S. Flagged Vessels, unless it can be proven to have been tested to the IEC 60079 series standards by an independent laboratory accepted by the U.S. Coast Guard. USCG MI Notice 01-12 (February 7, 2012) refers.

Comments:

- 1) Each configuration is to be specifically approved.
- 2) The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes/Drawing/Documentation:

Drawing No. A100K10873, VSP-12 way Amplified Batteryless telephone, Installation & service manual, Revision: -

Drawing No. A100K10758, VSP-M Technical Manual, Revision: -

Drawing No. A100K10872 v2, VSP-EX Batteryless Telephone System Installation & User Manual, Revision: 2

Drawing No. A100K10675, User Guide VSP 12, Revision: -

Drawing No. DNV Lab Technical Report No.96_1196, Revision: -

Drawing No. DNV Lab Technical Report No. 2008-3232 Revision: 1

Drawing No. Jyske EMC Lab A/S test report No.S97 0662a, Revision: -

Drawing No. Jyske EMC Lab A/S test report No. S97 0662b, Revision: -

Drawing No. EX Certificate Nemko 05ATEX1059 inc. Supp 1, Revision: -

Drawing No. EX Certificate Nemko 05ATEX4259Q, Revision: -

----- Revalidation 2026 -----

Drawing No. Declaration of Conformity - 21-2134510-PDA, Declaration of Conformity - 21-2134510-PDA, Revision: -

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Terms of Validity:

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Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

STANDARDS**ABS Rules:**

2026 ABS Rules for Condition of Classification, Part 1A: 1A-1-4/7.7, 1A-1-A3 and 1A-1-A4, which covers the following:

2026 Rules for Building and Classing Marine Vessels: 4-8-2/11.5.1, 4-8-2/11.5.3, 4-9-9/3, 4-9-9/7, 4-9-9/15.7 Table 1 and Table 2, 4-8-3/1.7

2026 Rules for Building and Classing High Speed Craft: 4-6-2/15.1.1, 4-6-2/15.3, 4-7-9/15

2026 ABS Rules for Condition of Classification - Offshore Units, Part 1B: 1B-1-4/9.7, 1B-1-A2, 1B-1-A3, which covers the following:

2026 Rules for Building and Classing Offshore Units: 6-1-1/9, 6-1-1/13, 4-3-2/15.1.1, 4-3-2/15.5, 4-3-1/11

National:

NA

International:

NA

Government:

NA

EUMED:

NA

OTHERS:

NA