



Confirmation of Product Type Approval

Company Name: ZENITEL NORWAY AS

Address: BROMSVEIEN 17 HORTEN 3183 Norway

Product: Telephone, Batteryless System

Model(s): 12 and 20-Way Batteryless Telephone Systems

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	21-2134510-PDA	07-JUL-2021	06-JUL-2026
Manufacturing Assessment (MA)	24-6577694	29-AUG-2024	28-AUG-2029
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3 - Type Approved, unit certification not required

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 vessels' 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; VSP122-P

20-Way; VSP-211M-L; VSP-213M-L; VSP-212M-L; VSP22M

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.

Ratings

Power supply: 24 VDC (additional terminals for connection of 24 VDC power supply as option);

IP rating: IP44 except VSP-122-P, VSP-122, VSP-22M, VSP-512 with enclosure protection IP66

Service Restrictions

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, Drawings and 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: -

Drawing No. PDA Application - Renewal 16-LD1543066-PDA, Revision: -,

Term of Validity

This Product Design Assessment (PDA) Certificate remains valid until 06/Jul/2026 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.

ABS Rules

2021 Rules for Conditions of Classification, Part 1, 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following:

2021 Marine Vessels Rules 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

2021 High-Speed Craft 4-6-2/15.1.1, 4-6-2/15.5, 4-7-9/15, 4-7-9 Table 9 and Table 10

2021 Steel Barge Rules 4-1-3/5.7

2021 Rules for Conditions of Classification – Offshore Units and Structures 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following:

2021 Mobile Offshore Unit Rules, 6-1-1/9, 6-1-1/13; 4-3-2/15.1.1, 4-3-2/15.5

2021 Facilities on Offshore Installations 3-6/5.1, 3-6/5.3

International Standards

NA

EU-MED Standards

NA

National Standards

NA

Government Standards

NA

Other Standards

NA



A handwritten signature in dark ink, appearing to read "Joseph W. Wilson".

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 31-Oct-2024 5:05

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

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 prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.