

# CROATIAN REGISTER OF SHIPPING



Certificate No.

03-001972/031678

## TYPE APPROVAL CERTIFICATE

This is to certify that this product complies with the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

**BATTERYLESS TELEPHONE SYSTEM**

**VSP**

MANUFACTURER:

**ZENITEL NORWAY AS**

Bromsveien 17, P.O.Box 1068 Bekkajordet  
NO-3194 HORTEN  
NORWAY

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

CRS RULES FOR THE CLASSIFICATION OF SHIPS

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: 2026-06-09

Place and date: Split, 2023-09-07



for Marinko Popović, dipl.ing.

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 Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

**DETAILED PRODUCT DESCRIPTION:**

System is mainly used for on board emergency communication with up to 20 extensions powered by hand generator. Additional equipment consists of visible/audible signal units and headset.

**TECHNICAL DOCUMENTATION / DRAWINGS:**

<b>VSP-211-L</b>	Telephone with amplifier, 12 pos.selector	<b>VSP-122P</b>	Portable telephone, watertight, 12 pos.
<b>VSP-211M-L</b>	Telephone with amplifier, 10x2 pos.selector	<b>VSP-22M</b>	Telephone, watertight, 10x2 pos.
<b>VSP-212M-L</b>	Telephone, 10x2 pos.selector, relay latch timer	<b>IRR-VSP-24</b>	Relay timer, 24V DC
<b>VSP-213-L</b>	Telephone, 12 positions selector	<b>IRR-VSPM-24</b>	Relay timer, 24V DC
<b>VSP-213M-L</b>	Telephone, 10x2 positions selector	<b>IRR-VSP-110</b>	Relay timer, 110V AC
<b>VSP-223-L</b>	Telephone, 12 pos. selector, relay latch timer	<b>IRR-VSP-220</b>	Relay timer, 220V AC
<b>VSP-122</b>	Telephone, watertight, 12 pos.selector	<b>IRR-VSPM-220</b>	Relay timer, 220V AC

**APPLICATION / LIMITATIONS:**

Compass safe distance is 155cm.

**TYPE APPROVAL DOCUMENTATION:**

ZENITEL – VSP 12 WAY, User Guide, A100K10675 v 6.0;  
 ZENITEL – VSP-12 WAY, Technical Manual, A100K10873;  
 ZENITEL – VSP-M 20 WAY, User Guide, A100K10756 v 6.0;  
 ZENITEL – VSP-M 20 WAY, Technical Manual, A100K10758;  
 DnV Technical Report – EMC and Environmental Testing, 96-1196;  
 JYSKE EMC Lab A/S – EMC Test of Batteryless Telephones VSP-211-L (ver.03) & VSP-223-L (ver.03), S97 0662a;  
 JYSKE EMC Lab A/S – EMC Test of Batteryless Telephones VSP-211M-L (ver.03) & VSP-212M-L (ver.03), S97 0662b;  
 DnV Technical Report – Compass Safe Distance Test of VSP Batteryless Telephone Apparatus, No. 2008-3232

**MARKING OF PRODUCT:**

In accordance with IEC60945 – Marking and identification (The Manufacturer and Type Designation of the product, serial number, date of manufacture, supply voltage, other particulars...).

**CONDITIONS FOR CERTIFICATION:**

On the CRS classed vessels, documentation for the actual application is to be submitted for approval in each case.

