

CERTIFICATE

EC TYPE- EXAMINATION (MODULE B) ACCORDING TO THE DIRECTIVE 2014/90/EU

Certificate No: ME-C-0252/B/2/22

Notification No of the Certification Body: 0437

Date of issue: 12.10.2021
Date of Revision: 02.08.2022

Test Report No: ME-R-0252/B/2/22

**Name and Address
of the Manufacturer:**

**Ocean Voyager Elektronik Sistemleri San. ve Tic.
ve Tic. Ltd. Sti**
Aydintepe Mah. Evren Sok. No. 34947 Tuzla-Turkey

**Name and Address of the
Authorised Representative:**

NRC Marine B.V
Keizersgracht 241 1016EA Amsterdam
The Netherland

Product Type:

DR-100S Ocean Voyager S-VDR

Item No:

MED/4.29 Voyage data recorder (VDR)

Regulations & Standards:

**2014/90 EU, (EU) 2021/1158, SOLAS 74 Reg. V/18,
SOLAS 74 Reg. X/3, IMO Res. MSC.36(63)-(1994 HSC
Code) 13, IMO Res. MSC.97(73)-(2000 HSC Code) 13
EN 60945:2002, EN 61162-1:2016, EN 61162-2:1998,
EN61162-450:2018, EN 61996-2:2008, EN 62288:2014,
EN IEC 62923-1:2018, EN IEC 62923-2:2018**

Expiry Date of the Certificate: 11.10.2026

DECLARATION

*MIRTEC S.A. certifies that the type mentioned above satisfies the provisions of the Directive 2014/90/EU.
For the conformity assessment to be complete, the marine equipment must be subjected to an additional procedure,
as laid down in Annex B of the Directive (Modules D, E or F).
The applicant must inform the notified body of all modifications to the approved marine equipment
ANNEX: List of relevant parts of technical documentation*

For MIRTEC S.A.



Product
Certification
Cert. No 27

Digitally signed by
Kalliopi Diamanti
Head of Pressure Equipment &
Construction Products Sector
Mechanical Engineer, PhD, IWE



For the Evaluation Dpt.

Digitally signed by
Kleomenis Papadopoulos
Mechanical Engineer

Annex to**Marine Equipment Directive Module B****Type Examination Certificate Nr: ME-C-0252/B/2/22****DESCRIPTION OF PRODUCT:** MED/4.29 Voyage Data Recorder (VDR)**MODEL:** DR-100S Ocean Voyager S-VDR**Name and Address
of the Manufacturer:** Ocean Voyager Elektronik Sistemleri San. ve Tic.
ve Tic. Ltd. Sti
Aydintepe Mah. Evren Sok. No. 34947 Tuzla-Turkey**Name and Address of the
Authorised Representative:** NRC Marine B.V
Keizersgracht 241 1016EA Amsterdam
The Netherland**RELEVANT DOCUMENTATION**

Technical File (Ocean Voyager)

Approved Technical Drawing Numbers:

OCN.MD.1001 - OCN.MD.1002 - OCN.MD.1003 - OCN.MD.1004- OCN.MD.1005
OCN.MD.1006 - OCN.MD.1007 - OCN.MD.1008-OCN.MD.1009- OCN.MD.1010
OCN.MD.1011- OCN.MD.1012- OCN.MD.1013- OCN.MD.1014- OCN.MD.1015
OCN.MD.1016- OCN.MD.1017- OCN.MD.1018- OCN.MD.1019- OCN.MD.1020
OCN.MD.1021- OCN.MD.1022- OCN.MD.1023- OCN.MD.1024

Product Description Document No: OCN.MD.24

Declaration of Conformity Document No: DOC/001-SVDR / 00 (initial revision)

Carriage and performance requirements for the manufacturer:

2014/90 EU, 2021/1158 (EU), SOLAS 74 Reg. V/20, IMO Res. A.694(17), IMO Res. MSC.36(63) - (1994 HSC Code) 13, IMO Res. MSC.97(73) - (2000 HSC Code) 13, IMO Res. MSC.191(79), IMO Res. MSC.302(87), IMO Res. MSC.333(90).

IMO Res. MSC. 163(78), IMO Res. MSC.214(81), IMO Res. MSC 861(20)

Test Standards:

EN 60945:2002 incl. IEC 60945 Corr. 1:2008, EN 61162-1:2016, EN 61162-2:1998, EN IEC 61162-450:2018, EN 61996-2:2008, EN 62288:2014, EN IEC 62923-1:2018, EN IEC 62923-2:2018.

TEST REPORTS

Issued by Ocean Voyager Test Laboratory

According to CERT-med (EN05) - Testing Laboratory Evaluation Criteria

Report No:OCN.MD.91-IEC 61162-1-2016
Report No:OCN.MD.92-IEC 61162-2-1998
Report No:OCN.MD.93-IEC 61162-450-2018
Report No:OCN.MD.94-IEC 61996-2-2008
Report No:OCN.MD.95-IEC 62288-2014
Report No:OCN.MD.96-IEC 62388-2013 [ANNEX H]
Report No:OCN.MD.97-IEC 62923-1-2018
Report No:OCN.MD.98-IEC 62923-2-2018

Issued by GCNTR Test Laboratory

Report No: GL-ENV-T-652-21 (EN 60945)
Report No: EMC21-0649 (EN 60945)

(Accreditation No: AB-1272-T by TURKAK)

CONDITIONS OF CERTIFICATION

1. The product shall be marked and identified as required by the applicable directive and standards.
2. For the conformity assessment to be complete, the marine equipment must be subjected to an additional procedure, as laid down in Annex B of the directive (Modules D or F).
3. If the standards applied for the certification of the product according to Marine Equipment Directive are amended during the validity of this certificate, the product shall be re-approved according to the amended standards.
4. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured products with the approved type described in the EC type-examination certificate and applicable standards.