



EC TYPE EXAMINATION (MODULE B)
CERTIFICATE No. MED151722CS/005

***This is to certify** that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Navigation Equipment requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2021/1158.*

MED Item N°

MED/4.23

Description

**Magnetic compass Class B for lifeboats and rescue boats
WHITE STAR 5"**

Type

MODELS BW1 BW2 BW3 BW4

Applicant

**RIVIERA SOCIETA' A RESPONSABILITA' LIMITATA
GENOVA**

VIA INFERIORE RIO MAGGIORE 4 A
16123 Genova (GE)
ITALY

Testing standards

ISO 1069:1973, ISO 25862:2019, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.

Reference standards

SOLAS 74 Reg. III/34, IMO Res. MSC.48 (66) -(LSA Code) IV,V, IMO Res.MSC.36(63)-(1994 HSC Code) 8,13, IMO Res.MSC.97(73)-(2000 HSC Code) 8,13.

Issued in Genoa on
April 27, 2022

This Certificate is valid until
April 26, 2027

This Certificate consists of this sheet plus an attachment

Giovanni Carratino

RINA Services S.p.A.



ATTACHMENT TO
CERTIFICATE No. MED151722CS/005
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Manufacturer

RIVIERA SOCIETA' A RESPONSABILITA' LIMITATA GENOVA

Place of Manufacturer

VIA INFERIORE RIO MAGGIORE 4 A
16123 Genova (GE)
ITALY

Product description

Hemispherical compass type;
Material of bowl: nylon/glass fibre;
Material of spherical bowl: polycarbonate;
Compass card: Ø 81.5 mm ; apparent Ø 120 mm;
Number of magnets: 2;
Magnetic moment: 0,270 A.m² ;
Type of liquid: SHELL SOL D 70;
Magnets for compass adjustment: no. 4.

Field of application

Magnetic compass for lifeboats and rescue boats.

Reference documents

Technical spec. modello BW1, BW2, BW3, BW4, BW5, BW6 dated July 11, 2000;
Drwg no. 3-13/15/16/17/19/20 - BW1 filed by RINA with n° 02319888;
Drwg no. 3-21/23/24/25/27/28 - BW2 filed by RINA with n° 02319889;
Drwg no. 3-51/52 - BW3 filed by RINA with n° 02319890;
Drwg no. 3-54/55 - BW4 filed by RINA with n° 02319891;
Materials data sheets filed by RINA with n° CSST/20233;
Materials data sheets filed by RINA with n° CSST/20255.

Tests carried out

Test report n° 1999DGTO454/1 dated July 12, 2000.
Test report n° 222041A-a filed by RINA with n° CSST/20231.
Test report n° 22-4790306765-1-1-0-PER filed by RINA with n° CSST/20234.
Test report n° VR2208201RIOF.docx filed by RINA with n° CSST/20235.
Test report n° 22-4790306765-1-1-0-PER filed by RINA with n° CSST/20236.

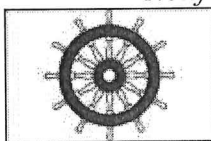
This certificate annuls and replaces the certificate No. MED174719CS/005 dated 05/23/2019 due to testing standards updates.



ATTACHMENT TO
CERTIFICATE No. MED151722CS/005

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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX Notified Body number undertaking surveillance module

YYYY The year in which the mark is affixed

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.

Giovanni Carratino



PRODUCTION QUALITY ASSURANCE (MODULE D)
CERTIFICATE No. MED098522GE/005

This is to certify that RINA Services S.p.A. did undertake the relevant quality assessment procedures for the equipment of the manufacturer identified below, which was found to be in compliance with the Navigation Equipment requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of (EU) 2021/1158 and according to the type described in the EC Type Examination Certificate (Module B) below indicated.

MED Item N°

MED/4.23

Description

Magnetic compass Class B for lifeboats and rescue boats

Type

WHITE STAR 5"

Applicant

MODELS; BW1; BW2; BW3; BW4

**RIVIERA SOCIETA' A RESPONSABILITA' LIMITATA
GENOVA**

**VIA INFERIORE RIO MAGGIORE 4 A
16123 Genova (GE)**

ITALY

Module B certificate

Number

MED151722CS/005

Date

27/04/2022

Notified Body

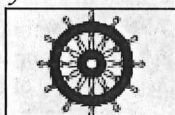
RINA (No. 0474)

Issued in **RINA Genoa Marine**
on
May 13, 2022

This Certificate is valid until
May 12, 2025

This Certificate consists of this sheet plus an attachment

This certificate authorises the Manufacturer or his authorised representative established within the Community in conjunction with the EC TYPE EXAMINATION (MODULE B) CERTIFICATE to affix the following symbol on the equipment above identified.



0474/YYYY

YYYY *The year in which the mark is affixed*



Ursomando Enrico
RINA Services S.p.A.
26543

Enrico Ursomando
RINA Services S.p.A.





ATTACHMENT TO
CERTIFICATE No. MED098522GE/005

Equipment:

WHITE STAR 5"

MODELS; BW1; BW2; BW3; BW4

Manufacturer

RIVIERA SOCIETA' A RESPONSABILITA' LIMITATA GENOVA

Place of Manufacturer

VIA INFERIORE RIO MAGGIORE 4 A

16123 Genova (GE)

ITALY

Technical documentation

INTERMEDIATE SCHEDULED AND UNSCHEDULED AUDITS			
Due Date	Carried out on	Surveyor's signature	Surveyor's stamp
12/05/2023	24.05.2023		 Michelino Casella Marine Surveyor RINA Services S.p.A. 1184
12/05/2024	09.05.2024		 Michelino Casella Marine Surveyor RINA Services S.p.A. 1184

General conditions for the approval

- The initial conditions verified by RINA at the time of the approval are to be maintained
- Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- RINA personnel are to be allowed to witness during the performances of activities, upon their request
- The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- RINA may revoke the approval in the case of modifications to requirements or conditions for the approval
- Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.
- This certificate loses its validity in case the EC type Examination (Module B) certificate is no more valid.

Enrico Ursomando

Ursomando Enrico
RINA Services S.p.A.
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