



TYPE APPROVAL CERTIFICATE
No. **ELE414725CS**

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	SHIP WHISTLES
<i>Type</i>	EW2 (12Vdc) ; EW2 (24Vdc)
<i>Applicant</i>	MARCO SPA VIA MAMELI 10 25014 Castenedolo (BS) ITALY
<i>Manufacturer</i>	MARCO SPA
<i>Place of manufacture</i>	Via Mameli 10 25014 Castenedolo (BS) ITALY
<i>Reference standards</i>	Convention of International Regulations for preventing collisions at sea, 1972 _ed. 2003 (ref. to Italian Law 27th December 1977 no. 1085.); EN 60945:2002

Issued in **Genoa** on **September 3, 2025**. *This Certificate is valid until* **September 3, 2030**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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No. **ELE414725CS**
Enclosure - Page 1 of 1
EW2 (12Vdc)
EW2 (24Vdc)

EW2 Ship Whistles:

Product Description:

Electronic whistle complete with loudspeaker IP67, electronic controller with functions of: 690Hz frequency generator, class AB voice amplifier and automatic fog signal or automatic customised signal.

Technical Data:

Product Code	Voltage [Vdc]	Ampere [A]	Acoustic Power at 1m	Frequency [Hz]	Horn Dimensions	Total Kit Weight [kg]
150 040 12	12	3	> 120 dB(1/3 Oct.)	690	250 x 237 mm	3,7
150 040 13	24	1,5	> 120 dB(1/3 Oct.)	690	250 x 237 mm	3,7

Reference Documents:

Doc. n. 5.70-02-03, 5.702 12V / 5.703 24V, 5.702.02, 5.702-03A, 5.702-3
SQS ISO 9001:2015 Certificate No. 21294 (05/07/2024)
EW2_00_ENG Marco Marine Tech

Technical Reports:

GC/ UTEC (30/07/1990)
COLREG Report LLOYD Register witnessed (30/06/2015)
INTEK Test Report N. RP 07-0395 (31/07/2007)

Application:

Vessels having length between 12 to 20 meters.

Additional Information:

Offer 2025/26249

The documents above-mentioned have been archived in the Leonardo Draw Plus portal under the project:
<https://leodrawplus.rina.org/projects/70965/detail>.

This Certificate annuls and replaces the previous Certificate No. ELE253620CS.

Validity of this certificate is subject to satisfactory outcome of yearly audit as per RINA " Rules for Testing and Certification of Marine Materials and Equipment".

Genoa September 3, 2025