

## Certificate Of Type Approval (MCA)

This is to certify that LLOYD'S REGISTER, specified as a "person" under the terms of The Merchant Shipping (Marine Equipment) Regulations 2016 (SI2016 No. 1025), did undertake the relevant type approval procedures of the equipment identified below which was found to be in compliance with the Regulations for preventing Collisions at Sea, 1972 (COLREG 72) as amended, requirements subject to any conditions in the Design Appraisal Document hereto.

<b>Manufacturer</b>	<b>Marco S.p.A.</b>
<b>Address</b>	Via Mameli 10, 25014, Castenedolo-Brescia, 25014, Italy
<b>Type</b>	SHIPS SOUND SIGNAL (WHISTLE) ELECTRIC POWERED
<b>Description</b>	ELECTRIC POWERED SHIPS SOUND SIGNAL (WHISTLE), 12 and 24 VOLT SUPPLY
<b>Trade Name</b>	EW2
<b>Specified Standard</b>	International Regulations for Preventing Collisions at Sea 1972, Consolidated Edition 2002, Annex III, 1(a) to (d) inclusive. EN 60945 : 2002

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 Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid up to the expiry date, unless cancelled or revoked, or until such date where it is superseded by the requirements of the Marine Equipment Directive, whichever is sooner, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.



**Lijo Thomas**

Senior Surveyor to Lloyd's Register EMEA  
A member of the Lloyd's Register group

**ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR21320794MC**

The undernoted documents have been appraised for compliance with the relevant International Conventions and UK legislation for the Type Approval of Marine Equipment for use on Merchant Ships Registered in the United Kingdom.

This Design Appraisal Document forms part of the Certificate that is issued under the authority given in the MCA Merchant Shipping Notice No MSN 1874.

This Design Appraisal Document forms part of the Certificate.

This Certificate is a Renewal of Certificate Number MCA 1600005

**EXAMINED DOCUMENTATION**

<b><u>Drawing No.</u></b>	<b><u>Title</u></b>
5.702-3	Contentitore per modulo comando tromba 5.702-3
5.702.02	Staffa per tromba 5.702
50050056 – rev.2	Etichetta EW2
5.70-02-03	5.702 12V. 5.703 24V. Segnale a fischio per navi di lunghezza L<20 m
n.a.	Wiring diagram – Electronic whistle EW2 (12V) 150 040 12 EW2 (24V) 150 040 13
	Electronic Whistle with two fog signals (Marine Horn for vessels between 12 m to 20 m in length) 150 040 12 – EW2 12V – 150 040 13 – EW2 24V – Rev.06 dated 15/09/2015

**TEST REPORT**

TUV Test Report – Environmental and Vibration Test on Siren for Acoustic Signalling	11/12/2015
MARCO Test Report – PW2, PW3, EW2, EW3 Whistles COLREG 1972 Test Report	30/06/2015
MARCO Test Report – PW2, PW3, EW2, EW3 Whistles COLREG 1972 Test Report	18/12/2015
INTEK Test Report RP 07-0395 rev. 00	31/07/2007

**CONDITIONS OF CERTIFICATION**

1. The EW2 whistles may only be fitted to vessels lesser than 20 meters.
2. The onboard arrangements and installation of this whistle is not part of this certificate, all such arrangements are to be to the satisfaction of the attending surveyor
3. Each whistle is to be delivered with a copy of this certificate
4. Instructions for use and maintenance are to be supplied with each whistle
5. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply

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6. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure compliance with SOLAS Regulation III/5
7. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81 (70), Part 2 and each item, batch, or lot be delivered with an LR Certificate of SOLAS Production Testing issued by the attending LR Surveyors following their witness of the tests. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration
8. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained

**PLACE OF PRODUCTION**

Marco SpA  
Via Mameli 10  
25014 Castenedolo  
Brescia  
Italy



Lijo Thomas  
Senior Specialist  
Fire & Safety, Statutory Discipline Team  
UK&I Technical Support Office, Marine & Offshore  
Lloyd's Register EMEA