



DET NORSKE VERITAS

EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-8743**

This is to certify that the
Radar reflector for lifeboats and rescue boats

with type designation(s)
NAVY STAR

Issued to
TR.EM SRL
Osteria Grande BO, Italy

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/1.33 and Annex B, Module B in the Directive. SOLAS 74, Regulation III/4, III/34 & X/3, IMO Res. MSC.164(78), LSA Code and 2000 HSC Code 8

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2014-01-01
for **Det Norske Veritas AS**

for **Marianne Strand Valderhaug**
Head of Department



Notified Body No.: **0575**

DNV local office:
Venice

This Certificate is valid until
2019-01-01

Steinar Kristensen
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-8743
Item No.: A.1/1.33
Job Id.: 344.1-001404-6

Product description

NAVY STAR Art. No. L3401012

Consisting of: 12 Silver anodized aluminium sheets
Central core made of Zytel
6 Terminal caps made of Zytel

Application/Limitation

The radar reflector must be installed in the "catch rain" position by means of its fixed base, or through the system it to the mast stays.

Type Examination documentation

MARINE RADAR REFLECTOR "NAVY STAR" TECHNICAL FILE dated 2002-11-08

Tests carried out

- Environmental tests: IEC 60945:2002
- Performance tests: EN/ISO 8729:1998

Marking of product

The products shall be marked Navy Star in appropriate location accordance with IEC 60945 and EN/ISO 8729:1998

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.