

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

This is to certify:

That the Portlights

with type designation(s)
Sargasso S

Manufacturer

Trend Marine Products Limited
GREAT YARMOUTH, NORFOLK, United Kingdom

Has been assessed with respect to Directive 2013/53/EU of the European Parliament and of the Council according to conformity assessment procedure "Module B" described in Annex II of the Decision No 768/2008/EC of the European Parliament and of the Council, and found to comply with the applicable requirements.

Further details are given overleaf.

Issued at **Stockholm** on **2020-10-20**

DNV GL local station:
Sweden NB

Approval Engineer:
Kristoffer Uulas



for **DNV GL SE**

Notified Body
No.: **0098**

Ville Höglund
Deputy Head of Certification Body

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 the applied standards may render this certificate invalid. The product liability rest with the manufacturer or his representative in accordance with Directive 2013/53/EU of the European Parliament and of the Council.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Jurisdiction

DNV GL is appointed by the Central Authority of the German Federal States for Safety (ZLS) as a "Notified Body" in accordance with § 15(1) of the Product Safety Act (ProdSG) to carry out conformity assessment procedures on Recreational Crafts in the scope of ProdSG and Directive 2013/53/EU according to the administrative decision No. ZLS-Z1471-2015/1-1.

Certificate history

This is the original Certificate.

Product description

The Sargasso S glazing system consists of one or more portlight units bonded to the internal surface of a larger piece of glass (hereinafter referred to as the "main glass"). The portlights are made of an aluminium frame with stainless steel hinges and is supplied in round or oval shape.

Portlight

- Sargasso S RND150 unit
- Sargasso S RND200 unit
- Sargasso S OVL150 unit
- Sargasso S OVL200 unit

For portlight fitted in Area I the minimum thickness of the main glass is 6+6 mm tempered glass with a 2.3 mm interlayer. For Area IIa, IIb, III & IV the minimum thickness of the main glass is given by EN ISO 12216 - 7 Scantling determination of non-stiffened plates.

Applications/Limitations

May be used in Area I, IIa, IIb, III & IV as specified in EN ISO 12216 on Recreational Craft of Any Design Category on Any Boat Type according to Council Directive 2013/53/EU.

Technical documentation

- T-TR00633-WN01-DRG-A
- T-TR00633-WN02-DRG-A
- T-TR00633-WN03-DRG-A
- T-TR00633-WN04-DRG-A
- T-TR00633-WN05-DRG-A
- T-TR00633-WN06-DRG-A
- T-TR00633-WN07-DRG-A
- T-TR00633-WN08-DRG-A
- WIP0162-DRG-B
- WIP0311-DRG-A
- WIP0530-DRG-A
- WIP1013-DRG-A
- T-TR00633-WNXX-ATR-20201012

Applied Standards/Tests carried out

- Partly use of EN ISO 12216
- EN ISO 12216 - Annex D.1.1 Pressure test for prefabricated appliances

Terms and conditions

The following conditions may render this certificate invalid:

- Changes in the design or construction of the product
- Changes or amendments to the Directive
- Changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the Directive

Marking of product

Job Id: **341.3-000817-1**
Certificate No: **RCDB00000B8**

This Certificate is concerned with the design of the product, only. In order to fully meet with the requirements of the Directive and legally affix the CE mark, the manufacturer shall have the final product and/or production assessed according to one of the procedures listed below and finally draw up an EC declaration of conformity.

Conformity assessment procedures for production as described in Annex II of the Decision No 768/2008/EC of the European Parliament and of the Council:

- Conformity to type based on internal production control (Module C)
- Conformity to type based on internal production control plus supervised product testing (Module C1)
- Conformity to type based on quality assurance of the production process (Module D)
- Conformity to type based on product quality assurance (Module E)
- Conformity to type based on product verification (Module F)

Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.