



Certificate No. 01-016421/0112966

## TYPE APPROVAL CERTIFICATE

This is to certify that this product complies with the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

### FLOATING PONTOON TYPE CA/CLS/15x2.8, FOR BERTHS IN MARINAS

MANUFACTURER:

**INGEMAR s.r.l.**

Via Martin Luther King 50  
31032 Casale Sul Sile (TV)  
ITALY

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

Rules for the classification of ships; CRS Technical Circular QC-T-191.

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: 2028-04-04

Place and date: Split, 2024-03-28

Seal \_\_\_\_\_

Marinko Popović, dipl. ing.

.NOTE: 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 Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

**DETAILED PRODUCT DESCRIPTION:**

**Floating pontoon type CA/CLS/15x2.8 is made of steel reinforced concrete. Pontoon core is expanded polystyrene.**

**Pontoon dimensions CA/CLS/15x2.8:**

<b>length 8-15 m</b>	<b>freeboard 0.5 m</b>
<b>breath (overall) 2.8 m</b>	<b>height 0.9 m</b>
<b>breath (concrete structure) 2.5 m</b>	

**APPLICATION / LIMITATIONS:**

- **Significant wave height up to 0.5 m**
- **Mooring of crafts length up to 30 m**

**TYPE APPROVAL DOCUMENTATION:**

**Floating pontoon CA-CLS/15x2.8, Calculation Report No. 393-ENG-0 Rev.0 dated 01.2016.**

**Floating pontoon CA-CLS/15x2.8, Technical specification No. ENG-0 Rev.0 dated 01.2016.**

**Drawing "General assembly" No. 19773-1 Rev.A.**

**Floating pontoon CA-CLS/15x2.8, Test report dated 19.02.2016.**

**MARKING OF PRODUCT:**

**The product shall be marked with name of manufacturer, type of pontoon and serial number.**

**CONDITIONS FOR CERTIFICATION:**

**None.**