

**SHORT TERM**  
**CERTIFICATE OF CLASS**

N. 100869-R001-012



IMO number **9923217**

Name of ship **ARKLOW RACER**

RINA No. 100869

Owner **Invermore Shipping Limited**

Distinctive number or letters **EIA2185** Flag **Ireland**

Shipyard - place of build **BODEWES SCHEEPSWERVEN BV - NETHERLANDS**

Date of build **17 February 2023** Date of commissioning **17 February 2023**

Overall Length **104.93 m** Gross Tonnage **4145** Net Tonnage **2101**

Length Between Perpendiculars **102.98 m** Moulded Breadth **15.00 m** Depth **9.50 m**

Number of main engines **1** Total power **1740 kW**

**THIS IS TO CERTIFY** that the above ship has been surveyed in accordance with the Classification Rules and, on the basis of the survey report submitted, has been assigned the class (\*)

**C** ⌘ **general cargo ship - double side-skin - heavycargo ; unrestricted navigation**

based on the freeboard indicated in the Load Line Certificate

with additional Class notations: ⌘ **AUT-UMS; INWATERSURVEY; MON-SHAFT; STRENGTHBOTTOM**

This certificate is valid until: **17 July 2023**

The validity may be extended at RINA SERVICES S.p.A.'s decision where allowed by the Rules.

This certificate will be invalidated whenever the requirements of the Rules are not complied with.

Issued at: **Groningen**

on: **17 February 2023**



**RINA SERVICES S.p.A.**

(\*) Service and navigation are described at page 2

Former names -

**Service****general cargo ship - double side-skin - heavycargo**

Ships intended to carry solid general cargo of double side-skin construction, with double side-skin extending for the entire length of the cargo area, and for the entire height of the cargo hold to the upper deck;

with double bottom and/or hatch covers and/or other cargo areas designed to support heavy cargoes.

**Navigation****unrestricted navigation**

Unrestricted navigation

**Class Additional Notations**

⊗ **AUT-UMS** Unattended machinery space: automated installations enabling machinery spaces to remain periodically unattended in all sailing conditions including manoeuvring.  
System surveyed during construction.

**INWATERSURVEY** Ship provided with suitable arrangements to facilitate the in-water surveys.

**MON-SHAFT** Tailshaft monitoring system: fitted with a temperature monitoring system for the tailshaft sterntube aft bearing.

**STRENGTHBOTTOM** ships built with specially strengthened bottom structures so as to be able to be loaded and/or unloaded, subject to specific loads when properly stranded.

The Certificate of Class becomes invalid in the following cases:

1. when the ship's class is suspended in accordance with the provisions indicated in Part A, Ch 2, Sec 3, [1.2] of Rules for the Classification of Ships,
2. when the ship's class is withdrawn in accordance with the provisions indicated in Part A, Ch 2, Sec 3, [1.3] of Rules for the Classification of Ships.

Furthermore, where the ship is assigned with additional class notations or more than one service notations, these notations are suspended and/or withdrawn in accordance with the provisions indicated in Part A, Ch 2, Sec 3, [1.5] of Rules for the Classification of Ships.

The certificate of class is issued on the basis of the requirements and conditions specified in RINA SERVICES S.p.A. Classification Rules of which the interested party has acquired full knowledge, accepting them unconditionally, with particular regard to the following clauses: RINA SERVICES S.p.A. carries out its duties through officers or other persons it considers possess all the requirements of suitability and competence for the tasks which have been assigned to them. In its capacity as expert, RINA SERVICES S.p.A. only expresses opinions and evaluations of compliance with its own rule requirements and does not, in any case whatsoever, (even if its opinions are requested on matters not expressly covered by Rules) assume the liabilities pertaining to the designers, shipowners, builders, test inspectors, shipyards or any person or organization responsible by law or contractually for providing guarantees for all of whom the respective liabilities remain unchanged even in the case of consultative actions by RINA SERVICES S.p.A.. For what concerns the tasks taken on and carried out directly, other than those delegated in the following, RINA SERVICES S.p.A. is answerable in law terms. Within the context of the tasks under the responsibility of RINA SERVICES S.p.A. as delegate of an Administration, liability can only be recognized in the case of fraud or gross negligence by the officers or the persons encharged. In no case shall the liability, regardless of the amount of damage reported, exceed a value equal to 5 times the total of the fees received by RINA SERVICES S.p.A. as consideration of the services rendered from which the damage reported derives.

## REMARKS

Following conditions are to be dealt with until 17/04/2023;

R.1.1.A Intact Stability Final Manual and Loading Final Manual are to be submitted for approval to RINA Plan Approval Center (including the following consideration to be taken into account during the submittal), approved and provided onboard within 17/04/2023;

Cross curves of stability which are sufficient for the purpose of the requirements and which include curves at 12° and 40°. 12° is to be added in the intact stability booklet as per Grain code 6.2.7

R.1.2.A Probabilistic Damage Stability Final Manual is to be submitted for approval to RINA Plan Approval Center (including the following consideration to be taken into account during the submittal), approved and provided onboard within 17/04/2023; RESOLUTION MSC.421(98) Regulation 7-2  $\lambda$  Calculation of the factor  $s_i$  (SOLAS DETERMINISTIC  $S_i=1$ ) to be used for Reg.9 instead of Marpol criteria in final damage stability and damage control booklet. 1. Range of positive GZ to be  $> 16$  degrees 2. Maximum GZ to be at least 0.12 metres within positive range 3. Final angle of Heel  $< 25^\circ$

R.1.3.A EEDI final technical manual is to be submitted for approval to RINA Plan Approval Center (including the following consideration to be taken into account during the submittal), approved and provided onboard within 17/04/2023;

The final document shall include:

- EIAPP certificates of engines
- Sea trials report duly signed by RINA attending surveyor

**PERIODICAL CLASS SURVEYS ENDORSEMENTS****ANNUAL SURVEYS**

|                      |                    |
|----------------------|--------------------|
| First annual survey  | Signature and seal |
| Place                |                    |
| Date                 |                    |
| Second annual survey | Signature and seal |
| Place                |                    |
| Date                 |                    |
| Third annual survey  | Signature and seal |
| Place                |                    |
| Date                 |                    |
| Fourth annual survey | Signature and seal |
| Place                |                    |
| Date                 |                    |
| Fifth annual survey  | Signature and seal |
| Place                |                    |
| Date                 |                    |

**INTERMEDIATE SURVEY**

The intermediate survey is applicable at any period of class to oil tankers, chemical tankers, FLS tankers, liquefied gas carriers, combination carriers and at any period of class of other ships which are five years old and over

|       |                    |
|-------|--------------------|
| Place | Signature and seal |
| Date  |                    |

**EXTENSION TO ALLOW COMPLETION OF CLASS RENEWAL SURVEY (maximum 3 months)**

|                                   |                    |
|-----------------------------------|--------------------|
| Place                             | Signature and seal |
| Date                              |                    |
| Class Certificate extended until: |                    |

**CLASS RENEWAL SURVEY**

|                                                |                    |
|------------------------------------------------|--------------------|
| Place                                          | Signature and seal |
| Date                                           |                    |
| Validity of Class Certificate confirmed until: |                    |

NOTE: for other Class endorsements refer to the "Class survey endorsement sheets" issued by the Offices in charge of the relevant surveys.