Certificate No: LR2000712TA
Issue Date: 15/11/19
Expiry Date: 14/11/24

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Karaca Gemi Yatcilik Turizm San. ve Dis Ticaret Ltd. Sti.**
Address	Orta Mahalle Kinali Kar Sokak No: 9, Orhanli Tuzla, Istanbul, 34956, Turkey
Type	Windows And Scuttles For Passenger And Cargo Ships
Description	Type 1 and Type 2 ship's windows (non-opening , fixed type). Note: For the details of Type 1 and Type 2, please see the design appraisal document UKITSO/HULL/36091943 Issue 1 dated 11 November 2019 and examined plans mentioned therein.
Trade Name	Type 1 and Type 2 (non-opening , fixed type)
Application	Marine application, onboard ships.
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships July 2018, Part 3,Chapter 11, Section 6.5 Scantlings and arrangements of windows are equivalent to standard ISO 3903: 2012 "Shipbuilding and marine structures -Ship's ordinary rectangular windows".
Ratings	The windows are rated for the following design pressures: Type 1 56 kPa (5.71 metres head) Type 2 59 kPa (6.01 metres head)

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Amrit Nair

Specialist - Rule Development - Ship Structures to Lloyd's Register EMEA
A member of the Lloyd's Register Group

71 Fenchurch Street, London, EC3M 4BS, UK

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Other Conditions

1. This Type Approval is restricted to only classification requirements for ship structures. The windows have not been examined for fire aspects.
2. Refer to the comments in design appraisal document UKITSO/HULL/36091943 Issue 1 dated 11 November 2019 and examined plans mentioned therein.
3. Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.
4. If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied 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 Design Appraisal Document No. LR2000712TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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