Certificate No: LR23411799ALP
Issue Date: 12/10/2023
Expiry Date: 11/10/2028

Statement Of Acceptance For A Rudder And Pintle Bearing

Manufacturer	**Wartsila Defence Solutions Ltd**
Address	4 Marples Way, Havant, PO9 1NX, United Kingdom
Place Of Production	**Permali Gloucester Ltd**
Production Address	Bristol Road, Gloucester, GL1 5TT, United Kingdom
Product	**JCR-N (Steersafe CY160LS)**
Type	Provisonal Approval To 10 N/MM^2
Application	This Statement confirms the above named material is entered in LR list of Approved Synthetic Rudder Bearing Materials - Group 1(B), Provisional Approval for a maximum bearing pressure of 10N/mm^2
Data	Approval test data at 10N/mm^2, Technical data, Satisfactory service history at 5.5N/mm^2
Applicable LR Rules	Lloyd's Register Rules for the Manufacture, Testing and Certification of Materials
Endorsements	The installation is to be carried out under LR Survey. The material is to be fitted to the Surveyor's satisfaction and in such a way that, where applicable, an adequate supply of water to the bearing is assured. Water grooves , where fitted, should be of a U form.

This certificate is issued to the company named above. Based on the examination of the data submitted the product described is considered acceptable for use in constructions built under Lloyd's Register's survey. This acceptance is subject to Lloyd's Register being informed of any changes in or modifications to the product and the product being used in accordance with the manufacturer's instructions and with the relevant requirements of Lloyd's Register's Rules and Regulations.

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Andy Donovan

Non-Metallics & Coatings Team - Senior Specialist to Lloyd's Register EMEA
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