Certificate No: LR23411797ALP
Issue Date: 12/10/2023
Expiry Date: 11/10/2028

Statement Of Acceptance For A Stern Tube 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	**OCS-N (Worksafe CY160LS)**
Type	Oil Lubricated Stern Tube Bearing
Approval	This Statement confirms the above named material is entered in the LR List of Synthetic Stern Tube Bearing for provisional approval to a maximum pressure of 8 bar. Sleeve installation - 1.5:1 minimum length:diameter ratio at the aft end of the stern tube supporting the propeller. As long as the bearing pressure, using projected area and confirmed with manufacturers of Type Approved limits, a ratio of 1:1 is acceptable. Interference fit may be used for bores up to 300mm diameter otherwise the bearing is to be key secured.
Data	Approval test data, Technical data, Service history at 6 bar
Applicable LR Rules	Lloyd's Register Rules for the Manufacture, Testing and Certification of Materials

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Andy Donovan

Non-Metallics & Coatings Team - Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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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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