Certificate No: LR2422802ALP
Issue Date: 26/02/2024
Expiry Date: 25/02/2029

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	**Envirosafe WCS-F-M, WCS-P-M, WCS-N-M**
Type	Water Lubricated Stern Tube Bearing
Approval	This Statement confirms the above named material is entered in the LR List of Synthetic Stern Tube Bearings for provisional approval to a maximum pressure of 6 bar Stern tube bearing assemblies are to be submitted to LR for approval for each installation. Sleeve installation 2:1 minimum length:diameter ratio for propeller bearings 1:1 may be accepted at other locations subject to individual consideration Installation and clearances are to comply with manufacturer's recommendations. 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
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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