Certificate No: LR2006609ALP
Issue Date: 20/07/2020
Expiry Date: 19/07/2025

Statement Of Acceptance For A Stern Tube Bearing

Manufacturer	**Wartsila UK Ltd**
Address	4 Marples Way, Havant, PO9 1NX, United Kingdom
Product	**OCS-N-X (STERNSAFE)**
Type	Oil Lubricated Stern Tube Bearing
Approval	This Statement confirms the above named material is entered in the LR List of Synthetic Stern Tube Bearings for maximum pressure of 9.0 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 or Type Approved limits, a ratio of 1:1 is acceptable This bearing material comprises the inner bearing material which is supported by an outer vitreous based composite material Interference fit may be used for bores up to 300mm diameter otherwise the bearing is to be key secured
Data	Site inspection report, Witnessed test data
Applicable LR Rules	Lloyd's Register Rules for the Manufacture, Testing and Certification of Materials

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Lead Specialist - Non-Metallics to Lloyd's Register EMEA
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a) Stern tube bearing assemblies are to be submitted to LR for approval for each installation

b) Oil lubrication with flow indication is to be provided for each bearing material

c) Installation and clearances are to comply with manufacturer's recommendations

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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