Certificate No: LR26327224NMB
Issue Date: 01/06/2026
Expiry Date: 31/05/2031

Certificate Of Approval Of A Propulsion Shaft Bearing

Manufacturer	**Shanghai Poly Science & Technology Development Co., Ltd**
Address	No 530, Hui Chen Road, Pu Dong Xin District, shanghai, China
Product	**TIAN LONG**
Type	Water Lubricated Stern Tube Bearing
Approval	This Statement confirms the above named material is entered in the LR list of Synthetic Stern Tube Bearing for a maximum pressure of 6.0 bar Sleeve installation 2:1 Minimum length:diameter ratio for propeller bearing 1:1 May be accepted at other locations subject to individual considerations Interference fit may be used be used for bores up to 300 mm diameters otherwise the bearing is to be key secured
Data	Technical data, test data, site inspection report
Applicable LR Rules	Lloyd's Register Rules for the Manufacture, Testing and Certification of Materials a) Stern tube designs are subject to individual consideration by Lloyd's Register through the Design Appraisal procedure b) Forced water clearances are to comply with manufacturer's recommendations c) Clearances are to comply with the manufacture's recommendation d) Installation is to be to the Surveyor's satisfaction

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Raj Muthuraj

Specialist Non-Metallics to Lloyd's Register EMEA
A member of the Lloyd's Register group

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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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