Certificate No: LR25298403TA
Issue Date: 31/05/2025
Expiry Date: 30/05/2030

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**IHI Power Systems Co., Ltd.**
Address	14-5, Sotokanda 2-chome, Chiyoda-ku, Tokyo, 101-0021, Japan
Place of Production	Nunotani Keiki Seisakusho Co., Ltd. 2-1-39, Tsugiya, Amagasaki-shi, Hyogo, 661-0965, Japan
Type	Control Systems
Description	Active Cat's System comprising:- TS7521E18 : LVDT (Linear Variable Differential Transformer) V63103470 : LVDT Signal Converter TS2750N51E243, TS2750N61E243 : DC Resolver
Trade Name	Z-peller control and monitoring system, Active Cat's System
Application	Marine and offshore applications for use in environmental categories ENV2, ENV3 and ENV4* in "General power Distribution Zones" and "Bridge and Deck Zone" as defined in LR Type Approval System Test Specification No. 1-2024 where the Test Specification is satisfactory for the intended operation. * only for DC Resolver TS2750N61E243
Ratings	Power Supply: 24V d.c.

Downloaded Copy

Sachie Fujii

Electrical & Control - Senior Specialist to
Lloyd's Register Group Limited
A member of the Lloyd's Register group

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR25298403TA
Issue Date: 31/05/2025
Expiry Date: 30/05/2030

Type Approval Certificate

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Group Limited of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR2028858TA-02

The Design Appraisal Document LR25298403TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.