Certificate No: LR21219703TA
Issue Date: 24/02/2019
Expiry Date: 23/02/2024

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	**Damen Marine Components Netherlands B.V.**
Address	Nijverheidsstraat 5, Hardinxveld-Giessendam, 3371 XE, Netherlands
Type	Control Systems
Description	Universal monitoring, control, and indicating system for steering gear. SP2700 system configuration parts.
Trade Name	SP2700. HP7000.
Application	Marine according environment categories Test Specification 1, 2019, ENV 2, 5 according LR Lloyd's Register Type Approval Procedure TA14 Version 3 (July 2017).
Specified Standard	Lloyd's Register Rules for Inland Waterways July 2019, ADN2019, and ES-Trin 2019-1. IP-55at IEC 60529.
Ratings	24Vdc.

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Ben Sherwood

Electrical Control Engineering Surveyor 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 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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 12/30008

The Design Appraisal Document PRJ11100284333 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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