Certificate No: LR2648180TA
Issue Date: 15/11/2025
Expiry Date: 14/11/2030

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	**Shanghai Shengfa Electrical Appliance & Instrument Co., Ltd**
Address	Building 11, No.115 Xiangjing Road, Chedun Town, Songjiang District, Shanghai, 201600, China
Type	Navigation Light Controller
Description	Navigation Light Controller: NB-LP, Signal Light Controller: SB-LP
Trade Name	NB-LP, SB-LP
Application	Marine applications for use in environmental categories ENV2 in the “Bridge and Deck Zones” as defined in LR Type Approval System Test Specification No. 1, July 2024 where The Test Specification is satisfactory for the intended operation.
Specified Standard	Manufacture’s specification: SF-0907100 IMO Resolution MSC.253(83), 8 October 2007
Ratings	Dry Heat Test: 70 ℃ ± 3 ℃ for 16 hours Low Temperature Test: -15 ℃ ± 3 ℃for 16 hours IP Enclosure Test: IP22 for Navigation Light Controller & IP20 for Terminal.
Other Conditions	Performance requirements from IMO Resolution MSC.253(83) is not applied to signal light controller.

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Ning Guan

Electrical & Control Technical Manager - Southeast Asia & Great China to Lloyd's Register Classification Society (China) Co.,

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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 Classification Society (China) Co., Ltd. of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR23392076TA

The Design Appraisal Document LR2648180TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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