Certificate No: LR2015767TA
Issue Date: 06/03/2020
Expiry Date: 05/03/2025

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	**SAN ENGINEERING**
Address	4F, 546, Dunchon-daero, Jungwon-gu, Seongnam-si, Gyeonggi-do, 462-716, Korea, Republic of
Type	Control Units
Description	Integrated Monitoring and Control System See the Appendix for system compromising
Trade Name	ARINE-S100
Application	Marine, offshore and industrial applications for use in environmental categories ENV3 in the "Bridge and Deck Zone" as defined in LR Type Approval System Test Specification No.1 – 2019 where the Test Specification is satisfactory for the intended operation.
Ratings	AC220V, DC 24V
Other Conditions	Type approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply. (In case of applications other than marine) The application of the type approval

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Gun-Nam Park

Senior Specialist to Lloyd's Register Asia
A member of the Lloyd's Register group

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

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certificate will be limited to the relevant scope of the specified standard and acceptance thereof by the local authorities.

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 Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2015767TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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