Certificate No: LR21385290TA
Issue Date: 30/09/2021
Expiry Date: 29/09/2026

# 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** | **Marine Electronics Co.** |
| **Address** | 62, Gogwan-ro, Dong-gu, Busan, 48792, Republic of Korea |
| **Type** | Navigation Workstations |
| **Description** | Warship Electronic Chart Display and Information System (WECDIS) |
| **Trade Name** | PM3D2 (Version 3.0.0.1) |
| **Application** | Marine Installations |
| **Specified Standard** | Manufacture's specification: -<br>System Subsystem Design Description (WECDIS-20-20, Ver 1.1),<br>Software Design Description (WECDIS-20-03, Ver 2.0) |
| **Ratings** | Power supply for 24Vdc |
| **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 certificate will be limited to the relevant scope of the specified standard and acceptance thereof by the local authorities. |

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**Gyung-Hwan Lee**

Digital & Control Team Leader to Lloyd's Register Asia
A member of the Lloyd's Register group

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

The Design Appraisal Document LR21385290TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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