Certificate No: LR21477183TA
Issue Date: 14/12/2021
Expiry Date: 13/12/2026

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	**FURUNO HELLAS S.A.**
Address	10, Thetidos Str., Glyfada, 166 75, Greece
Type	Monitoring System
Description	Vessel Monitoring System (VMS) Tracker
Trade Name	Astrolabe II
Application	Marine and Offshore applications for use inenvironmental category ENV2 / ENV3 and ENV5 as defined Lloyd's Register TestSpecification Number 1, December 2020
Specified Standard	Manufactured and Tested in accordance with the following standards: EN IEC 62368-1:2020 +A11:2020, EN60950-22:2017 (IEC 60950-22:2016), EN 62311:2008, ETSI EN 303 446-1 V1.2.1 (2019-10).
Other Conditions	Type Approval does not eliminate the need for normal survey and inspection procedures required by the Rules and Regulations. If the specified standards are amended during the validity of the certificate, the product is to be reapproved 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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Stamatis Agelopoulos
Technical Support Office Team Leader,
Electrical to Hellenic Lloyd's SA
A member of the Lloyd's Register group

348 Syggrou Avenue, 176 74, Kalithea, Athens,
Greece

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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 Hellenic Lloyd's SA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document PTSO/TA/SA/PRJ11100300577 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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