



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	METIS CYBERSPACE TECHNOLOGY S.A.
Address	Sachtouri 4 & L. Posidonos 2, Kallithea, 176 74, Greece
Type	Monitoring System
Description	Collection, transmission and analysis of vessel performance data
Trade Name	WIC C17-1 Wireless data collection device for monitoring purposes, WIC R17-1 ZigBee wireless network expanding device
Application	Marine, offshore and industrial applications in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1- July 2015.
Specified Standard	Manufacturer's specification
Additional Tests	Low Temperature test to -25°C EMC on 'Bridge and Deck Zone'
Other Conditions	<p>The Type Approval covers hardware listed under product description. Examination of software aspects is restricted to functional operation as demonstrated in the performance test.</p> <p>System provides a monitoring information platform and is not to be used for any control actions or mechanisms. Cyber security has not been assessed as part of subject Certificate.</p>

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Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to the Rules and Ex-Certification/ Special Condition for Safe Use listed in valid Ex-Certificate issued by a notified/ recognized Certification Body.

IP class shall be in accordance with installed area on board.

The wireless system is to comply with the radio frequency and power level requirements of the International Telecommunications Union and any requirements of the National Administration with which the ship is registered.

Installation to be made in accordance with maker's specifications.

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.

Previous Version: 18/00040

The Design Appraisal Document LR23202278DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.