



Lloyd's  
Register

## 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.*

This certificate is issued to:

<b>PRODUCER</b>	MARIDIS Maritime Diagnostic & Service GmbH
<b>PLACE OF PRODUCTION</b>	Friedrich-Barnewitz-Strasse 4c 18119 Rostock - Germany
<b>DESCRIPTION</b>	Cylinder Liner Temperature System for 2-stroke diesel engines
<b>TYPE</b>	<b>CLTS</b> consist of: <ul style="list-style-type: none"><li>· Sensor PT100 with 4m Teflon connection cable</li><li>· Armoured cable (protection tube)</li><li>· Sensor junction box (A110) with circuit board (V1.01)</li></ul>
<b>APPLICATION</b>	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV4 as defined in Lloyd's Register Type Approval System, Test Specification Number 1 – 2015.
<b>ADDITIONAL TESTS</b>	Dry Heat Test: (+55°C/16hrs)
<b>STANDARD</b>	Manufacturer's Specification.
<b>OTHER CONDITIONS</b>	Final arrangements of the system have to be in compliance with Lloyd's Register Rules and Regulations.
<b>Certificate No.</b>	15/20126
<b>Issue Date</b>	20. November 2015
<b>Expiry Date</b>	19. November 2020
<b>Sheet</b>	1 of 2



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*The 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.*

*The Design Appraisal Document No. HTS/ETS 32702-15 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

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