



**From saving the oceans.
To safeguarding the planet.**

Performance Monitoring
Flow & Torque Meters, Data Acquisition



PERFORMANCE MONITORING

Flow & Torque Meters, Data Acquisition

DECARBONISATION



One-stop solution for data measuring and acquisition for performance monitoring.

An integrated data acquisition suite combining mass flow meters, torque sensors, and advanced logging systems, designed to ensure compliance with IMO's DCS emissions monitoring regulations and enable performance-based environmental monitoring.

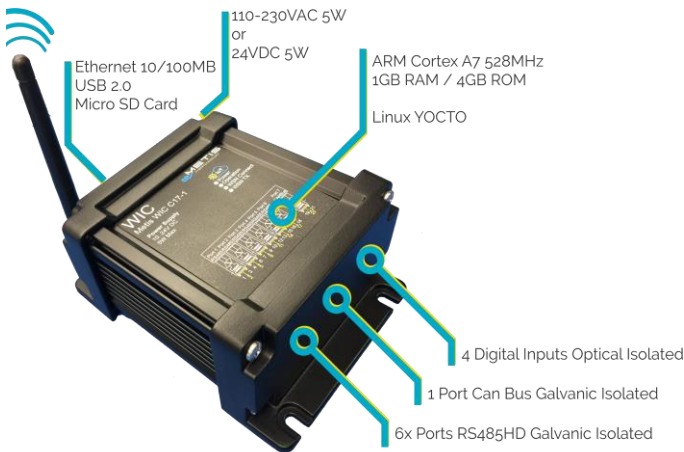
ERMA TECH GROUP's emissions data package delivers real-time, high-accuracy insights through a seamless combination of flow, torque, and propulsion analytics - empowering shipowners to meet CII and EEXI compliance with confidence.



AMIO Flow Meters



DATUM Torque Meters



METIS Ship Connect Data Acquisition

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AMIO

Flow Meters

DECARBONISATION



- High-quality product at competitive pricing.
- Extended guarantee.
- Complete fuel consumption solution package, including
 - Mass Flow Meters at consumption and return lines.
 - ✓ Integration & monitoring of the AMIO Flow Meters readings.
 - ✓ Automatic fuel consumption reports download per consumer.
 - ✓ Integration of AMIO Flow Meters with vessel's data monitoring system.
- Customized fuel monitoring solution based on in-house engineering, automation and production capacity.
- Calibration plan subscription which allows uninterrupted and compliant operation.



METIS

The digital arm of the ERMA TECH GROUP



Emissions

- DCS / MRV
- CII Analysis
- EU ETS
- FuelEU

Operations

- Operation Analysis
- Voyage Planning
- Charterparty Compliance
- Route Optimisation

Performance

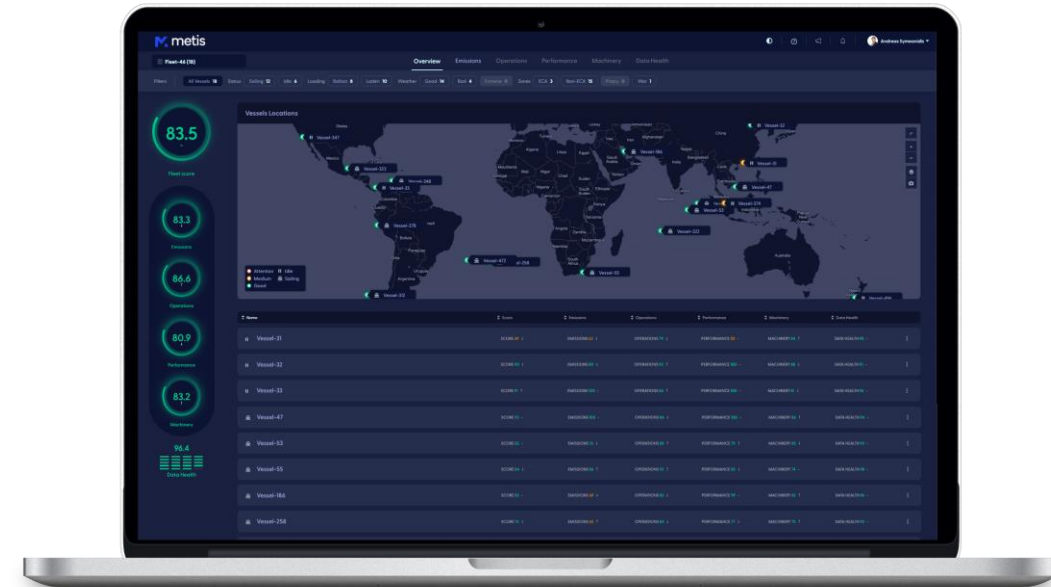
- Hull Fouling Analysis
- Predictive Hull Cleaning Recommendation
- Speed & Consumption at any draught and weather
- Propeller Running Margin

Machinery

- Main Engine Performance
- Diesel Generator Performance
- Boiler Operation Analysis
- AMS Alarm Monitoring
- Scrubber Monitoring



DECARBONISATION



15

integrations with
3rd party providers

99.3

of signals arrive
in less than 30s

5,000

readings
per second

4_{mln}

API data calls
per day

25,000

platform service
executions per day

350_{bln}

total signal
measurements

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metis

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THINK DECARBONISATION ...
THINK ENVIRONMENTAL PROTECTION ...
THINK ERMA TECH GROUP!



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