

MAMS

Environment Management Software



MAMS Environment Management Software assists you in complying with the MARPOL Annex VI guidelines for Ship Energy Efficiency Management Planning (SEEMP), and enables users to monitor "Green House Gas" emissions.

The solution includes:

- Comprehensive analytical tools to track consumptions of bunkers with monthly, yearly and quarterly emissions.
- In built formula to calculate emissions, including Nox, Cox, etc.
- Comprehensive MAMS reports provide complete history of emissions and fleet analysis capabilities.
- The Carbon Intensity Indicator (CII) Report
- EUMRV Report *(Launching soon)*
- IMO DCS Report *(Launching soon)*
- SEEMP Report *(Launching soon)*

Upgrades are included in the subscription. We offer full training, 24x7 support and flexible contract terms.

Why Choose MAMS

The flexible design enables bespoke customisation and easy integration with third party software, ensuring the software evolves with your business needs. We offer:

- User friendly interface, easy to learn
- Competitive subscription pricing
- Flexible contract terms – including vessel changes
- Low-cost data entry and database building services
- Dedicated deployment team
- 24/7 global support
- Onsite and online training
- Help videos and easy to understand user guides in any language
- Customisation available for all modules
- Latest release: Q3 2025

Mercurysoft fleet management software is used by ship managers and owners globally, across all fleet types including tanker, bulk carrier and offshore. Find out more about how our software can improve your environment management.

Our Services

Fleet Management Software

- Planned Maintenance
- Procurement Management
- Safety Management
- Crew Management
- Rest Hour
- Document & Forms
- Risk Assessment
- Voyage Monitoring
- Environment Management
- Dry Dock

Shipbroker Software

- Charter Party Editor
- Matrix Group Email
- Laytime Calculator

Consultancy Services

- Vessel Database Solutions
- Fuel & Machinery Optimisation (Vessel Telematics)
- Tanker Management Self-Assessment
- Data Analysis Reports & Dashboards
- Customised Development
- Legacy Software Modernisation
- Bespoke Mobile Apps
- Outsourced Development Resources
- API Integration Services

KEY FEATURES

Bunker Oil Consumption Monitoring

Record data

Vessel: 505010 (SD10)

Date: 25/11/2023

Financial year: Jan 2023 - Dec 2023

Monthly breakdown	HFO			LSFO			MDO			LSGO			LNG		
	M/E	A/E	Boiler	M/E	A/E	Boiler	M/E	A/E	Boiler	M/E	A/E	Boiler	M/E	A/E	Boiler
January-2023	6.00	4.00	3.00	7.00	0.00	19.00	12.00	43.00	43.00	43.00	43.00	43.00	43.00	43.00	0.00
February-2023	78.00	78.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March-2023	78.00	78.00	0.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April-2023	78.00	0.00	78.00	0.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May-2023	0.00	78.00	0.00	0.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June-2023	0.00	0.00	78.00	0.00	0.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July-2023	0.00	0.00	0.00	78.00	0.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August-2023	0.00	0.00	0.00	0.00	78.00	0.00	0.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
September-2023	0.00	0.00	0.00	0.00	0.00	78.00	0.00	0.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00
October-2023	0.00	0.00	0.00	0.00	0.00	78.00	0.00	0.00	78.00	0.00	0.00	78.00	0.00	0.00	0.00
November-2023	0.00	0.00	0.00	0.00	78.00	0.00	0.00	78.00	0.00	78.00	0.00	78.00	0.00	0.00	0.00
December-2023	0.00	0.00	0.00	0.00	0.00	78.00	0.00	0.00	78.00	0.00	0.00	78.00	0.00	0.00	0.00

Record history

- Track monthly breakdown of oil consumption: track monthly oil consumption data for various fuel types (HFO, LSFO, MDO, LSGO, LNG) for main engine (M/E), auxiliary engine (A/E), and boiler
- View all oil consumption records in one screen
- View and print consumption details in any file format of choice; PDF, word, excel etc.

Carbon Intensity Indicator

- Calculate your attained CII and the CII rating in line with IMO regulations
- Predict future ratings with enhanced calculations
- Analyze operational CII impact of voyages or periods to identify performance improvements
- Compare ratings and overall CII performance across multiple vessels or your entire fleet

Emission Entry Recording

Home

Environment Management

Emission entry

Edit

Record data

Vessel

A2 VICTORY (2010)

Engine type

Steam

Date

16/10/2024

Financial year

Jan 2024 - Dec 2024

Monthly breakdown

	Distance Travelled (miles)	Bunker Type & Consumption (Metric Tonnes)										Bunker Emissions (Metric Tonnes)				Sulfur Content (%)			
		HFO	LSFO	LSGO	MDO	LNG	SOA	NOX	CO	CH4	CO2	CO2H	HFO	LSFO	LSGO	MDO			
January 2024	0.00	5.00	11.00	0.00	0.00	10.50	0.03	0.34	0.21	0.09	0.01	79.50	79.67	1.000	2.000	3.000	4.000		
February 2024	0.00	3.00	0.00	0.00	0.00	0.00	0.01	0.18	0.02	0.01	0.00	9.39	9.42	0.000	0.000	0.000	0.000		
March 2024	0.00	4.00	0.00	0.00	0.00	0.00	0.01	0.34	0.03	0.01	0.00	12.52	12.56	0.000	0.000	0.000	0.000		
April 2024	0.00	5.00	0.00	0.00	0.00	3.50	0.01	0.30	0.07	0.03	0.00	25.31	25.36	0.000	0.000	0.000	0.000		
May 2024	0.00	6.00	0.00	0.00	0.00	0.00	0.01	0.35	0.05	0.02	0.00	18.78	18.84	0.000	0.000	0.000	0.000		
June 2024	0.00	1.00	0.00	0.00	0.00	1.50	0.00	0.06	0.05	0.02	0.00	18.31	18.32	0.000	0.000	0.000	0.000		
July 2024	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.12	0.02	0.01	0.00	6.26	6.28	0.000	0.000	0.000	0.000		
August 2024	0.00	3.00	0.00	0.00	0.00	2.50	0.01	0.18	0.04	0.02	0.00	14.29	14.32	0.000	0.000	0.000	0.000		
September 2024	0.00	4.00	0.00	0.00	0.00	0.00	0.01	0.24	0.03	0.01	0.00	12.52	12.56	0.000	0.000	0.000	0.000		
October 2024	0.00	5.00	0.00	0.00	0.00	3.50	0.01	0.30	0.07	0.03	0.00	25.31	25.36	0.000	0.000	0.000	0.000		
November 2024	0.00	6.00	0.00	0.00	0.00	0.00	0.01	0.35	0.05	0.02	0.00	18.78	18.84	0.000	0.000	0.000	0.000		
December 2024	0.00	7.00	0.00	0.00	0.00	0.00	0.01	0.41	0.06	0.02	0.00	21.91	21.98	0.000	0.000	0.000	0.000		

Record history

Created date

Edited date

- Access yearly emission log records for selected vessels and financial years.
- Monitoring of emission data, including bunker type & consumption, bunker emissions, distance travelled, and sulfur content percentages for different fuel types.
- Automatic calculation of bunker emissions (metric tonnes)

Reports

- Yearly emission log report generation
- Quarterly emission log report generation

Coming Soon

- Vessel Performance monitoring system
- EU - MRV Annual Reports
- IMO DCS Reports

Find out more about how Mercurysoft software can improve your environment management

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