

# 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

SDSD 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 SDSD 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

### Development Services

- Customised Development
- Legacy Software Modernisation
- Bespoke Mobile Apps
- Outsourced Development Resources
- API Integration Services

### Consultancy Services

- Vessel Database Solutions
- Procurement Outsourcing
- Tanker Management Self-Assessment
- Cyber Security
- Data analysis reports & dashboards

# KEY FEATURES

## Bunker Oil Consumption Monitoring

Home - Environment Management - Bunker Oil Consumption - EME

Record data

Vessel # 100101 (D101)

Date 15/11/2023

Financial year Jan-2023 - Dec-2023

Monthly breakdown	IFO			LSFO			MDO			LSGO			LNG		
	MSE	A/E	Boiler	MSE	A/E	Boiler	MSE	A/E	Boiler	MSE	A/E	Boiler	MSE	A/E	Boiler
January-2023	0.00	4.00	0.00	0.00	19.00	12.00	43.00	43.00	43.00	43.00	43.00	43.00	43.00	43.00	0.00
February-2023	76.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March-2023	76.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April-2023	76.00	0.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May-2023	0.00	76.00	0.00	0.00	76.00	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	76.00	0.00	0.00	76.00	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	76.00	0.00	0.00	76.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August-2023	0.00	0.00	0.00	76.00	0.00	0.00	76.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
September-2023	0.00	0.00	0.00	0.00	76.00	0.00	0.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
October-2023	0.00	0.00	0.00	0.00	0.00	76.00	0.00	0.00	76.00	76.00	0.00	0.00	0.00	0.00	0.00
November-2023	0.00	0.00	0.00	0.00	0.00	76.00	0.00	0.00	76.00	76.00	0.00	0.00	0.00	0.00	0.00
December-2023	0.00	0.00	0.00	0.00	0.00	0.00	76.00	76.00	0.00	0.00	0.00	76.00	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.

## Reports

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

## Emission Entry Recording

Home

Environment Management

CO2 Entry

EME

Record data

Vessel # 100101 (D101)

Date 15/11/2023

Financial year Jan-2023 - Dec-2023

Monthly breakdown

Engine Type

Bunker Information Entry

CO2 Entry

Bunker Information Entry

Sulfur Content (%)

	Emission										Bunker Information Entry										Sulfur Content (%)									
	CO2	CH4	N2O	PM10	PM2.5	PM10-2.5	PM2.5-10	PM10-2.5	PM2.5-10	PM10-2.5	PM2.5-10	CO2	CH4	N2O	PM10	PM2.5	PM10-2.5	PM2.5-10	PM10-2.5	PM2.5-10	PM10-2.5	PM2.5-10	PM10-2.5	PM2.5-10	PM10-2.5	PM2.5-10	PM10-2.5	PM2.5-10		
January-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
February-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
March-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
April-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
May-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
June-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
July-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
August-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
September-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
October-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
November-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
December-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Record history

Created date

Created by

Edited date

Edited by

- 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)

## Coming Soon

- Vessel Performance monitoring system
- Carbon Intensity Indicator
- EU - MRV Annual Reports
- IMO DCS Reports

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

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