



MAMS

Environment Management



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: Q2 2026

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
- 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

| 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 | 0.00 | 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 | 78.00 | 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 | 0.00 | 78.00 | 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 | 78.00 | 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 | 0.00 | 78.00 | 0.00 | 0.00 | 78.00 | 78.00 | 0.00 | 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 | 78.00 | 0.00 | 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 | 78.00 | 0.00 | 78.00 | 0.00 | 0.00 | 0.00 |

- 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

| Monthly breakdown | Distance Travelled (Miles) | Bunker Type & Consumption (Metric Tonnes) | | | | | Bunker Emissions (Metric Tonnes) | | | | | Sulfur Content (%) | | | | | |
|-------------------|----------------------------|---|-------|------|------|-------|----------------------------------|-------|------|--------|------|--------------------|-------|-------|-------|-------|-------|
| | | HFO | LSFO | MDO | LSGO | LNG | SOx | NOx | CO | Partic | CO2 | CO2-D | HFO | LSFO | MDO | | |
| January 2024 | 0.00 | 5.00 | 11.00 | 0.00 | 0.00 | 10.00 | 0.00 | 0.34 | 0.21 | 0.09 | 0.01 | 29.50 | 79.47 | 1.000 | 2.000 | 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 | |
| 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 | |
| April 2024 | 0.00 | 5.00 | 0.00 | 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 |
| 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 | |
| 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 | |
| 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 | |
| August 2024 | 0.00 | 3.00 | 0.00 | 0.00 | 0.00 | 2.50 | -0.01 | 0.18 | 0.04 | 0.02 | 0.00 | 18.29 | 18.32 | 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 | |
| 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 | |
| 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 | |
| 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 | |

- 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 SDD software can improve your environment management