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Who we are

Professional Marine Service

- A team of **very carefully selected**, highly qualified and educated **Marine Chief Engineers**
- We offer a **professional service to Shipowners, Ship operators, Ship managers and Charterers**
- **Trust and a good relationship** are the key components of our very sensitive service
- Our **help directly affects the financial results** of our customers

- Our **company is located** on the coast of the Black Sea, in the beautiful city of **Varna, Bulgaria**:



Our Services

Our Services

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- **Vessel Reporting & Performance control and support**, including:
 - ✓ *Digital standard Vessel BRIDGE Log Book (VBLB)*
 - ✓ *Digital standard Vessel ENGINE Log Book (VELB)*
 - ✓ *Daily Vessel Reporting & Performance Control (VRPC)*
 - ✓ *Daily Vessel Reporting & Performance Support (VRPS)*
- **Monthly evaluation of Vessel Reporting & Performance**, including:
 - ✓ *Monthly Vessel Reporting & Performance Status Report (MRPS)*
 - ✓ *Monthly Fleet Reporting & Performance Status overview (FRPS)*
 - ✓ *Monthly Fleet Hull & Propeller fouling Status overview (FHPS)*
 - ✓ *Comments and recommendations to Vessel and Office*

Our Services

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- **Main & Auxiliary Engine Performance control and support**, including:
 - ✓ *Main Engine Performance Test Reports (MEPT)*
 - ✓ *Auxiliary Engines Performance Test Reports (AEPT)*
 - ✓ *Main & Auxiliary Engine Performance Statistic*
 - ✓ *Comments and recommendations to Vessel and Office*
- **Monthly evaluation of Main & Auxiliary Engine Performance**, including:
 - ✓ *Main Engine Performance Status Reports (MEPS)*
 - ✓ *Auxiliary Engine Performance Status Reports (AEPS)*
 - ✓ *Fleet Main & Auxiliary Engine Performance Status overview (FEPS)*
 - ✓ *Comments and recommendations to Vessel and Office*

Our Services

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- **Vessel Sounding & Bunker control and support, including:**
 - ✓ *Vessel Daily SOUNDING Report (VDSR)*
 - ✓ *Vessel Bunker SOUNDING Report (VBSR)*
 - ✓ *Vessel Bunker PLANNING Tool (VBPT)*
 - ✓ *Vessel Sounding & Bunker support on board and ashore*
- **Defining Vessel ENGINE Base Lines (VEBL), TCD and KPIs, including:**
 - ✓ *ME daily FOC (MEDFOC) for Ballast, Design and/or Scantling Draft*
 - ✓ *AE daily FOC (AEDFOC) at Port/Anchor and Sea passage*
 - ✓ *AB daily FOC (ABDFOC) at Port/Anchor and Sea passage*
 - ✓ *Specific Consumptions (MESFOC, AESFOC and MESCOG)*

Our Services

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- **Vessel optimization support**, including but not limited to:
 - ✓ *Voyage optimization*
 - ✓ *Main Engine optimization*
 - ✓ *Auxiliary Engine optimization*
 - ✓ *Auxiliary Boiler optimization*
 - ✓ *Exhaust Gas Boiler/Economizer optimization*

Our Services

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- **On-line Training, Briefing and de-briefing** of Senior Officers for newcomers and just promoted personnel, including:
 - ✓ *Proper calculation of data on board the Vessel*
 - ✓ *Owners Reporting System and best reporting practice*
 - ✓ *Customer (Charterer) Reporting System and best reporting practice*
 - ✓ *Proper communication with Customer (Charterer)*
 - ✓ *Proper handling of Customer (Charterer) Performance Claims*
 - ✓ *Proper handling of Bunker Survey on board the Vessel*
 - ✓ *Proper preparation for Bunkering*
 - ✓ *Owner's custom requirements*

Our Services

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- **Preparation of EU MRV Monitoring Plan**
- **Preparation of Part II of SEEMP for IMO DCS**
- **EU MRV and IMO DCS emission data control, including:**
 - ✓ *Daily EU MRV and IMO DCS emission data reporting*
 - ✓ *Monthly pre-verification of EU MRV and IMO DCS data*
 - ✓ *Annual pre-verification of EU MRV and IMO DCS data*
 - ✓ *Preparation of annual EU MRV and IMO DCS Emission Reports*

Our Services

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- **Owner (Office) support**, including but not limited to:
 - ✓ *Vessels Reporting & Performance support*
 - ✓ *Support and assistance regarding Customer (Charterer) Vessel Reporting & Performance issues*
 - ✓ *Support and assistance with Customer (Charterer) Performance Claims*
 - ✓ *Hull cleaning & Propeller polishing management*

Our Services

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- **Customer Reporting & Performance control and support**, including:
 - ✓ *Daily Customer Vessel Reporting & Performance Control (CVRPC) - applicable only for Customers with on-line access to their Reporting System as VPMS On-line for MAERSK chartered Vessels for instance*
 - ✓ *Daily Customer Vessel Reporting & Performance Support (CVRPS)*
 - ✓ *Monthly Customer Reporting & Performance Support (MCRPS)*
- **Customer (Charterer) Claims support**, including:
 - ✓ *Vessel Performance Claim support and handling*
 - ✓ *Direct discussing with Customer (Charterers) - depends on the level of trust and agreement*

Our data-driven solution

Data log and calculation

- The **quality of our service is strongly dependent on the quality of data received from the Vessel**, and therefore we developed for more than 15 years our own standard **Vessel REPORTING Log Books (VRLB)** to ensure **true and proper daily log & calculation** on board the Vessel.
- Standard **Vessel BRIDGE Log Book (VBLB)** is used for true and proper **daily log & calculation of Nautical data** and **Vessel ENGINE Log Book (VELB)** for true and proper **daily log & calculation of Engine data**.
- VBLB and VELB **exchange data** between them **which can be also transfer as CSV format for ashore for monthly analyze & evaluation of Vessel Reporting & Performance (VRPS) and EU MRV & IMO DCS data**.

Data reporting

- **For those Customers who wants to have on-line access to daily log all the time**, we investigated very carefully every Reporting system available on the market and **we considerate and recommend SDBnet** provided by “M.A.C. System Solutions” GmbH from Germany, as **the best, most detailed, appropriate and reliable Cloud based Vessel Reporting Performance Monitoring System** in combination with our VRLB for standard and proper calculation.
- Since 2015 we are partner of “M.A.C. System Solutions” and we can consult and provide **MAC SDBnet** for You on best price on Your request. Just please contact with us for more information.

On-line Data logging

- **For those Customers who wants to have on-line data logging** for their Vessels, we can provide such access also via **MAC SDBnet on-line**.
- Please kindly contact with us for more information because **price for on-line data logging system will deviate** heavily, depend on Your demand, Fuel measuring concept, Fuel Flowmeters types, Shaft Power Meter type and Energy counters types currently available on board.

SDBnet - Shared Data Base

- **Best Cloud solution now, with very detailed Events log including option for on-line data logging for quick and reliable evaluation of the Vessel Performance at very reasonable price!**





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