

Title of Seminar: **EU MRV: Roadmap to Compliance**

Date : **16<sup>th</sup> February 2017**  
Venue : **Sheraton Grand Ataşehir**  
Time : **09:00 – 17:00**

Course Objectives 

To provide useful insight to all those involved in the implementation of the EU requirements for Monitoring, Reporting & Verification (MRV) of CO<sub>2</sub> emissions from ships, and lay down a roadmap with necessary actions for compliance. Delegates will acquire both theoretical knowledge & practical insight for the implementation of all EU MRV requirements, which will be thoroughly explained. Global MRV requirements (IMO Data Collection System – DCS) will also be presented in detail and differences between the two schemes will be highlighted.

Course Elements

- EU MRV – Requirements, Deadlines and Actions to be Taken (incl. Status Update)
- IMO DCS – Requirements, Deadlines and Actions to be Taken
- Differences between EU MRV and IMO DCS Requirements
- Related Regulatory and Commercial Requirements
- Monitoring Plan – Contents, templates and how to prepare one
- Reporting – Data gathering options, associated workload and software alternatives
- Verification – Verifier selection, audit preparation
- Overall Roadmap – Q&A

Regulatory References

- EU MRV (Regulation (EU) 2015/757)
- IMO DCS (MARPOL Annex VI Regulation 22A)
- ISO 14001:2015
- ISO 50001:2011
- TMSA

Training Methods

Course provided by a mixture of lectures, presentations and interactive group discussions.

Certification

A Certificate of Training will be provided to participants upon completion of the seminar.

Who should attend

Shore-based personnel of shipping companies dealing with ship energy efficiency / implementation of ISO 14001 / 50001 and EU MRV (Technical / HSQE / Operations / IT Depts.).

Instructor: **Philip Tsiichlis, Naval Architect and Marine Engineer.**  
Position: ALPHA MARINE CONSULTING Ltd / Technical Director  
Field of expertise: Ship Energy Efficiency / SEEMP / Energy Audits / R&D / Green Retrofitting / ISO 14001 / 50001 / TMSA Element 13.

Cost: **375 EUR** per delegate + 18% V.A.T. ( 15 % discount for 2<sup>nd</sup> and 3<sup>rd</sup> delegates)  
Early Bird: **300 EUR** per delegate + 18% V.A.T. ( payment to be made by 01.02.17)