

MARINE ENGINEERING FOR NON-MARINE ENGINEERING PROFESSIONALS

Introduce and Enhance the Knowledge of Marine Engineering - Engines, Pumps and Propulsion Systems

6th – 7th December 2017
Kuala Lumpur, Malaysia

Major Benefits Of Attending

- **MASTER** the necessary Knowledge and Complexities of:- 4 and 2 Stroke Marine Engines
- **DETERMINE** Failures and Diagnose Faults
- Successfully **OPERATE** and **MANAGE** Engines in a Marine Environment
- **EQUIP** and **LEAD** Individuals and Response Teams with Techniques, Procedures and Resources to Manage Technical Main Engine and Aux Services and Repair in a Maritime Environment
- **EDUCATE** your Team in Pumps, Failures and Maintenance Best Practices
- **UNDERSTAND** Diesel Fuel and Petrol Driven Mechanical Operations and Mechanics
- **UNDERSTAND** the Correct Use of Lubrication and Oils, Purification
- **KNOW** the Mechanical and Wear Down of 4 and 2 Stroke Engines and Analysis
- **UNDERSTAND** Piston and Bearing - Lacquering and Wearing of 2 and 4 Stroke Engine Components
- **KNOW** Fuel and Oil Line Head Pressure
- **KNOW** OEM, Turbo Servicing and Failures
- **KNOW** Exhaust, Inlet and Values in 4 and 2 Stroke General Arrangements
- **KNOW** Engine Checklists and Vulnerabilities

Why you Should Attend?

This course covers the aspects from both basic and intermediate levels of experience. This course provides technical instructions regarding mechanical wear down, piston and bearing failures, exhaust and valves, engine checklists, engine vulnerabilities and the internal mechanics of combustion engines and its components in a marine environment. Delegates are also trained in the technical operation, construction, configuration and operation of propulsion systems, stern tubes and shafting arrangements.

Who Should Attend?

This course will benefit Directors, Managers, Superintendents, Operators, and Engineers for:

- ✓ Technical
- ✓ Machinery
- ✓ Marine Engineering Surveyors
- ✓ Fleet
- ✓ Salvage and Installation manager
- ✓ Offshore project manager
- ✓ Maritime Safety
- ✓ Underwriters
- ✓ Maritime Law Specialists
- ✓ Professional Marine Investigators
- ✓ OSV Operator and Anchor Handlers
- ✓ Ship Superintendents
- ✓ Safety Professionals

Organized by: _____



WE SOLVE YOUR PUZZLE

ABOUT THE CASE STUDIES

DURING THE SEMINAR THERE WILL BE FIVE FACTUAL CASE STUDIES— 4 AND 2 STROKE FAILURES EXCEEDING \$125 Million USD

- Attendees learn about factual case studies concerning failures to propulsion, C.P.P, stern tube and shafts including shaft and design failures in excess of \$125 Million USD
- Factual Case studies in how to prevent and identify Hazards regarding 4 and 2 stroke engines and fatal explosions aboard vessels
- Factual Case studies in how to prevent multimillion \$USD failures to 4 and 2 stroke engines due to poor maintenance practises and condition monitoring procedures

**DELEGATES
ARE REQUIRED
TO BRING THEIR
OWN LAPTOP
AND A
CALCULATOR**