

## **Marine Propulsion Plants (Simulator) (STRCTR-272)**

**Length** 35 hours (1 week)

### **Objective**

Each student who successfully completes this course will be knowledgeable of and have proficiency in Marine Propulsion Plants. Additionally, students will gain knowledge of:

- Operating principles of marine power plants
- Ship's auxiliary machinery
- General knowledge of marine engineering terms

### **This Course is USCG Approved and STCW Compliant. The course certificate will state:**

“Any applicant who has successfully completed our Marine Propulsion Plants (STRCTR-272) course and presenting this Certificate of Training will satisfy, in part, of 46 CFR 11.305(a)(2), 11.307(a)(2), 11.311(a)(2), and 11.313(a)(2), the meeting of the standard competencies specified in STCW, as amended 2010, Table A-II/2 for *Operate remote controls of propulsion plant and engineering systems and services*. The following practical assessments performed during this course have been determined to be equivalent of National Assessment Guidelines TASK's, as documented in: NVIC 10-14 Tasks for Chief Mate and Masters on Vessels of 3000 GT or more: 10.1.A; 10.1.B; 10.1.C; 10.1.D; 10.2.A; 10.2.B; 10.2.C; 10.2.D; 10.2.E; 10.2.F; 10.2.G; 10.2.H; 10.2.I; 10.2.J; 10.2.K; 10.3.A; 10.3.B NVIC 11-14 Tasks for Chief Mate AND Masters on Vessels of 500 GT or more and less than 3000 GT: 10.1.A; 10.1.B; 10.1.C; 10.1.D; 10.2.A; 10.2.B; 10.2.C; 10.2.D; 10.2.E; 10.2.F; 10.2.G; 10.2.H; 10.2.I; 10.2.J; 10.3.A; 10.3.B.”

### **Scope**

This course is intended to meet training requirements as listed above in the USCG Approved and STCW Compliant Course Certificate section.

### **Entry standards**

This course is open to students who have a need for such training as required by the United States Coast Guard and STCW as amended. Each student should have an STCW Certification as an “Officer-in-Charge of a Navigational Watch” or have an equivalent and experiential background, be in good physical health and speaks and understands English.

### **Please be prepared for class with the following:**

- No extra class material required

### **Simulators and Training Tools**

- Kongsberg Desktop models Slow Speed Diesel MAN MC90, Medium Speed Diesel Colt Pielstick M22, SP 25 Steam Propulsion Plant, and DEIII Diesel Electric Power Plant.

### **Teaching Facility**

STAR Center, Dania Beach, Florida