

DYNAMIC POSITIONING SYSTEM FAMILIARIZATION COURSE

OBJECTIVES:

Designed to meet the needs of Client Onboard Representatives, Project Engineers, Diving Supervisors/ Superintendents, Subsea Engineers, ROV Operators, Management & etc.

The lecture portion of the course gives a very good overview of the following:

- ◆ The principals of DP system operation.
- ◆ System alarms and warnings
- ◆ Relating the DP control system to the various sub-systems
- ◆ Recognizing the limiting conditions presented by wind, seas, and current
- ◆ FMEA

PREREQUISITES:

NONE

COURSE CONTENTS:

- ◆ Basic Theory of System Operation
- ◆ System Components
- ◆ Axis PID Control Loops
- ◆ Control Modes
- ◆ Position Measurement Systems
- ◆ Heading Measurement Systems
- ◆ Motion & Environmental Sensors
- ◆ Communications
- ◆ Thrusters & Maneuvering Systems
- ◆ Thrust Responses per Thrust Allocation Logic
- ◆ Station Keeping & Maneuvering
- ◆ Assessment of Vessel Capabilities
- ◆ Screens
- ◆ Guidelines for Safe Operation of DP Vessels

COURSE LENGTH: 2 days

CLASS SIZE: 4 people minimum

LOCATION: Av. Américas 7899 sala 603 – Barra da Tijuca, Rio de Janeiro – Brazil

CANCELLATION TERMS:

- **100% refundable, with formal notice 04 weeks before the initial date;**
- **50% refundable, with formal notice 04 - 02 weeks before the initial date;**
- **0% refundable without any notice less than 02 weeks before the initial date.**

**REQUEST FOR MORE INFORMATION AT TRAINING@VISIONMARINE.COM.BR OR
PHONE TO +55 (21) 3277-9032**