



DP (Dynamic Positioning) Familiarisation

This course is designed to familiarise participants with the dynamic positioning concepts, operations and equipment on DP vessels that are used during Diving and ROV operations.

The course explains the DP system components, modes of operation, effects of system failures and the concept of redundancy through an easy interactive elearning course.



Content

- Introduction to DP
 - DP systems
 - Thrusters and propellers
 - Power systems
 - DP Sensors
 - Position Reference Systems (PRS)
 - Using PRS data
 - PRS handling
 - DP modes
 - DP operating procedures
 - DP capabilities
 - DP operations
 - Risk considerations
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- Taut wire
 - Hydroacoustic position reference (HPR),
 - Differential global positioning systems (DGPS)
 - Laser radar systems such as FanBeam
 - CyScan and FM radar systems
 - RADIUS
 - RadaScan.

Participants

DP vessels are commonly used throughout the oil and gas industry, particularly during Diving and ROV operations. It is recommended that all those who are involved in DP operations complete this course to have an understanding of the associated risks.



Participants may include the following:

- Client Representatives
- Offshore Managers
- Divers/Supervisors/Superintendents
- ROV Pilot/Techs and Supervisors
- Field Engineers
- Project Engineers
- Offshore Representatives
- Project Managers
- Operations Managers
- Vessel Managers
- Others involved in DP operations