

SeaONYX® Control System Electronics

This course provides an in-depth understanding of the operation and maintenance of the electric power and communication equipment of the SeaONYX BOP Control System

Course Goal

This course aims to equip the learner with a detailed understanding of the theoretical operation of the SeaONYX BOP Control System.

Course Topics

- HSSE
- SeaONYX Control System Electrical Overview
- Scope of Supply Schematic
- Electrical Symbols
- System Interconnect Schematic
- System Cabling Block Diagram
- Electrical Safety
- Electrical Measurement Tools
- Power Distribution Schematics
- Surface Communication Equipment Schematics

Course Objectives

Upon completion of the course, participants will be able to:

- Describe the flow of electric power through the surface and subsea equipment.
- Describe the electrical operation of the equipment.
- Describe the flow of electronic communication through the surface and subsea equipment.
- Trace individual electric power and communication circuits for troubleshooting purposes.

Target Group

Personnel responsible for troubleshooting and maintaining the electronic equipment of the SeaONYX BOP Control System.

Prerequisite Skill and Knowledge

This course requires a fundamental understanding of electrical power theory and electronic communications, and the components typically used in these systems. Attendees need to be familiar with the standard symbology used in electrical schematics.

SeaONYX Control System Fundamentals is a recommended prerequisite.

Course Capacity

Maximum number of participants is 8.

Course Duration

3 days Classroom

