

# GEN2 MUX Control System Hydraulics

This course provides an in-depth understanding of the MUX BOP control system's surface and subsea hydraulic equipment operation.

## Course Goal

This course aims to increase the theoretical understanding of the operation of the hydraulic circuits in the GEN2 MUX BOP Control System.

## Course Topics

- HSSE
- Functional description of the hydraulics system
- Interpretation of hydraulic system schematics
- Operational description of the hydraulic circuits in the system

## Course Objectives

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

- Describe the flow of hydraulic power through the surface and subsea equipment.
- Describe the hydraulic operation of the equipment.
- Describe the relationship between various hydraulic components and the control system software screens.
- Trace individual hydraulic circuits for troubleshooting purposes.

## Target Group

Personnel responsible for troubleshooting and maintaining the GEN2 MUX Control System and BOP stack hydraulic equipment.

## Prerequisite Skill and Knowledge

This course requires a fundamental understanding of hydraulic power theory and the components typically used in hydraulic power systems. Attendees need to be familiar with the standard symbology used in hydraulic schematics and have a basic understanding of the surface and subsea BOP control system operation. GEN2 MUX Control System Fundamentals is a recommended prerequisite.

## Course Capacity

Maximum number of participants is 10.

## Course Duration

5 Days Classroom

