

GEN2 MUX POD Maintenance

This course provides an in-depth understanding of the maintenance activities for the components of the GEN2 MUX Control Pod.

Course Goal

This course aims to increase the theoretical understanding of the operation of the MUX Control Pod equipment, and to provide practical experience performing maintenance tasks on the equipment.

Course Topics

- HSSE
- MUX Pod Operation and Component Overview
- MUX Pod Schematic Review
- Electro-Hydraulic and Lower Valve Control Units Components
- Pod Wedge Packers

Course Objectives

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

- Describe the components of the MUX Pod and their operation.
- Trace hydraulic flow and explain MUX Pod operation using the hydraulic schematic.
- Disassemble, visually inspect, and assemble a shear seal valve.
- Test the solenoid/shear seal valve operation.
- Disassemble, visually inspect, and assemble a SPM valve.
- Disassemble, visually inspect, and assemble a pod regulator.
- Replace the packer seals in the MUX Pod wedge.
- Test hydraulic pressure of the one atmosphere housing seals.

Target Group

Personnel responsible for troubleshooting and maintaining the GEN2 MUX BOP Control Pod

Prerequisite Skill and Knowledge

GEN2 MUX Control System Fundamentals and/or SeaONYX® Control System Fundamentals are recommended prerequisites.

Personal Protection Equipment

Work clothes and steel toe shoes are required to attend the classroom version of this course. Eye and hand protection are provided by HMH.

Course Capacity

Maximum number of participants is 8

Course Duration

4 Days Classroom

