

PCS Single Streamer

Objectives

DURING THIS COURSE YOU WILL GAIN AN UNDERSTANDING OF

- Version 6.x of the System 3 Setup and Operator Interface software
- System 3 PCS hardware components and identification
- Communication protocols between the “dry end” and “wet end” components
- Systems monitoring with the System 3 Operator Interface
- Sensor retrieval and back deck operations
- Sensor Deployment with System 3 Operator Interface water device post operation maintenance
- Position Control System (PCS) system troubleshooting
- Communication protocols and procedures for the System 3 PCS
- Software and Operating System parameters for the System 3 PCS DMU and LIU

THROUGH PRACTICAL SESSIONS YOU WILL DEMONSTRATE COMPETENCE IN

- Building, compiling, and transferring the in-water configuration to the PCS
- Synchronizing the System 3 Setup software with an existing Spectra system
- Verifying the digi.dat file created by Spectra and Orca
- Monitoring and controlling the in-water equipment with System 3 Operator Interface software
- Pre-operation and Post-operation maintenance procedures
- Deploying a DigiBIRD unit mid-line using System 3 Operator Interface
- Removing and replacing systems boards and components in the PCS DMU and LIU
- Modem Processor and Communication Processor troubleshooting
- Configuring and testing hardware configurations
- Firmware verification and upgrade on the PCS DMU and LIU
- Verifying firmware versions on the in-water components
- Verifying PCS DMU to LIU communications