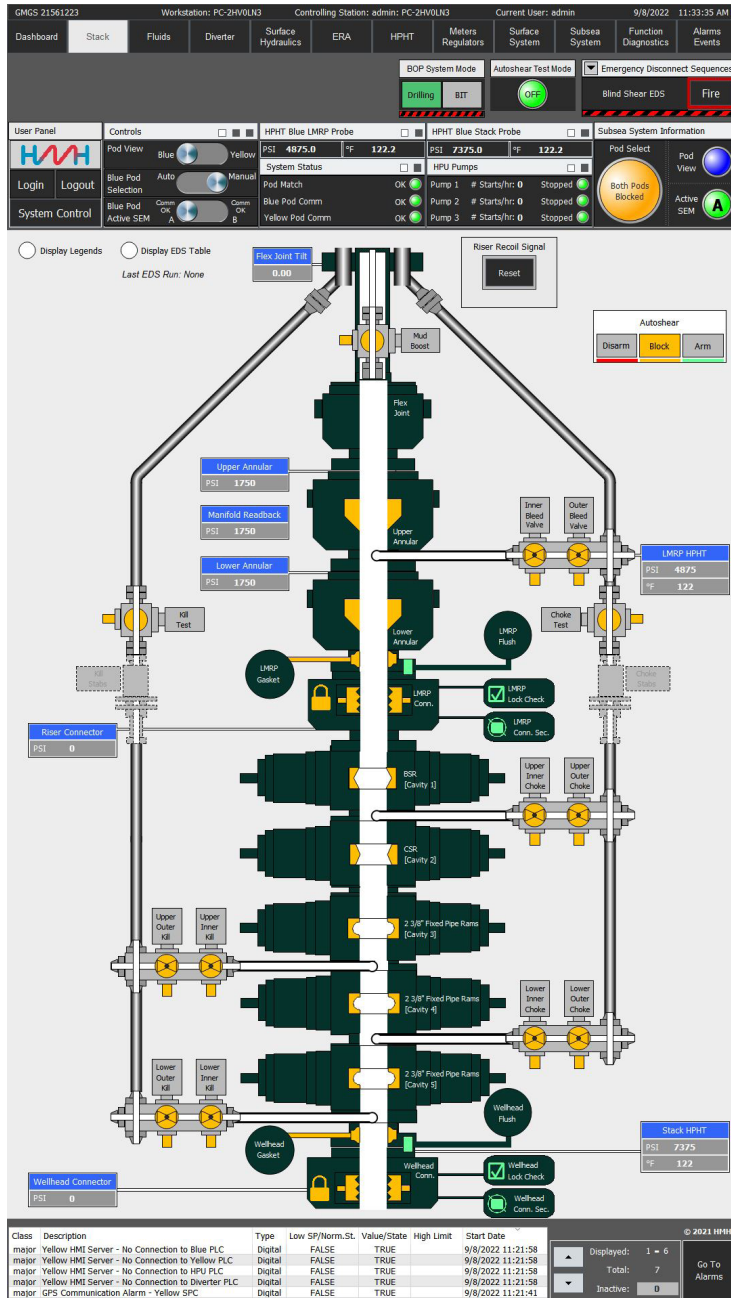


# SeaONYX™

## BOP Surface Control System



### Product description

SeaONYX™ is HMH's next-generation surface control system and operator interface, based on the industry-proven PLC platform. With its highly simplified architecture and compact design, SeaONYX™ is designed to deliver maximum performance at the lowest cost to own. It is reliable, configurable, and easy to maintain.

### Key features

- **Simplified modular design:** redundancy and smart integrated feedback
- **Improved user experience:** higher resolution displays and easier navigation
- **Easier maintenance:** system controllers and I/O modules can be individually replaced online without disturbing the rest of the system avoiding costly downtime
- **Enhanced troubleshooting:** diagnostics with ability to detect wire breaks and isolate faults
- **Improved diagnostics with SeaLytics™:** cloud connectivity and remote monitoring enabling data-driven decision-making
- **Single control platform:** one place to manage all the BOP controls on the rig (surface and subsea)
- **Carbon Footprint Reduction:** Reduced number of control cabinets and components in comparison to previous generation of control systems
- **Compliance:** ABS, DNV, API 16D, BSEE, and NORSOK regulatory standards

## System overview

The system leverages commercial, off-the-shelf components with a hot-swappable feature that enables easy maintenance and maximizes availability. Standardized software functions reduce validation time and lower lifecycle costs.

## Compatibility

The SeaONYX™ platform is compatible with both Gen II LE and SeaPrime™ Subsea MUX BOPs Control Systems.



## Components

1. Uninterruptible Power Supply (UPS)
2. Surface Power and Control (SPC)
3. SeaLytics™
4. Toolpushers (2x) and Drillers (2x) Panels
5. Configuration and Diagnostics Panel (CDP)