Eco-Tank Intelligent System (ECO-ISL)



Accurate Monitoring of Liquid Levels

A modular component in the SPM Oil & Gas' Intelligent System platform, the Seaboard[™] Eco-Tank Intelligent System (ECO-ISL) provides more accurate liquid-level sensing of the eco-tank or other secondary containment units. Designed to increase safety and reduce environmental impact, it's the industry's first active, monitoring system for containment levels. Measurements are accessible from local-panel displays in real-time, and available to customers via cloud-based portal.

Overview

- Ideal for environmentally sensitive areas
- Works with the SPM Oil & Gas Pressure Control unit (WPC-IS), which can be deployed as a single product or integrate with multiple IS products, such as the Weir Vent-Gas Analyzer (VGA-ISF)
- Applications include retrofits for third-party MGS units, Class I Div 2 Hazardous Area MGS control, and drilling operations requiring visibility into the MGS operation and well-bore returns
- System integration capability with Pason, MD Totco, and other EDR platforms via WITS communication protocol
- Available for rent, with service centers in every basin; fully inspected and recertified after every job
- Two-to-four weeks lead time for installation and deployment

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Features

- Integrated system alarms and alerts related to liquid level and liquid level changes
- Real-time monitoring on local panel display of fluid carryover from the MGS discharge out the vent line to secondary containment systems
- More accurate measurement of tank volume and level-change analysis
- Physical-level and operating system alarms, along with warnings for remote monitoring
- Local and remote performance access, connecting customers with data via text, email, or cloud-based portal
- Data that can be shared and reported for future reference
- Local data storage and remote data backup

Benefits

- Replaces guesswork with accurate measurements
- Reduces environmental risks and costs of secondary-containment overflows
- Greater safety, eco-tank performance, and operator response time
- Convenient access to real-time data via local control panels
- Lower costs and non-productive time
- Simplified diagnostics and troubleshooting

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