

Anchor Bolster Video Monitoring System



TV monitoring of mooring chains, wires, and anchors

Camera, pan and tilt, lights, integrated controller, and cables

Equipment mounted on a deployment frame

Image stabilization for rock steady video



Remotely operated viewing system for monitoring mooring chains, wires, and anchor racking.

The Anchor Bolster System incorporates video inspection equipment mounted on a compact deployment frame which is raised and lowered through the use of a pneumatic winch to the semi-submersible's four anchor bolster mounts.

Once deployed, the system provides stable television monitoring of the mooring chains, wires and anchors and is easily controlled by one person from the winch cabin. Based on current day rates for offshore drilling rigs, the Anchor Bolster System provides considerable savings of time and money, eliminating the need for ballast-up and ballast-down operations in order to make field relocations.

The delivery frame with camera, pan & tilt and LED lights travels from the deck to the anchor bolster racks between a top and bottom support frame. The system is deployed vertically along 2 parallel stainless steel wires.

Save valuable time and money with a compact remotely operated viewing system for monitoring mooring chains, wires, and anchors.



ROS has been manufacturing an array of harsh environment cameras, lights, positioners, and specialized systems designed for oceanographic nuclear, industrial, and military applications for over 36 years.

Anchor Bolster Video Monitoring System

CONTROL CONSOLE

Controller: IC-15 Integrated Controller
Monitor: 19" LCD Pull Up Display
Functions: Pan/Tilt
Camera (Zoom, Focus, Exposure)
Light Intensity



TOP FRAME SUPPORT WITH TENSIONING MECHANISM

Material: Carbon Steel,
(Galvanized & Powder Coated)
Dimensions: 35"W, 26"D, 20" H
Weight: 120 lbs. with Winch
Tensioning Mechanism: Allows Tensioning of the
Guide Wire from Surface
Umbilical Strain Relief: Clamping
Locking Mechanism: Safety lanyard



WINCH AND WINCH CONTROL

Winch Speed: 0.2 ft/s < Speed < 0.3 ft/s
Winch Control: Up or Down Variable Speed
Vertical Travel: ~70 ft (Rig Dependent)



DELIVERY FRAME WITH UNDERWATER INSPECTION HEAD

Material: 316 Stainless Steel
Corrosion Protection: Sacrificial Anode
Weight: 97 lbs. with Inspection Head
SCE-X Color Camera: 26:1 Zoom with Image Stabilization
(2) MV-LEDs: Underwater Spotlights
PT-10: Dual Axis Positioner



BOTTOM FRAME SUPPORT

Material: Carbon Steel
(Galvanized & Powder Coated)
Corrosion Protection: Tied to Ship's Hull
Sacrificial Anode
Weight: 100 lbs.

Specifications subject to change without notice.

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