

R/V CLIFFORD A. BARNES

Boom Crutch & Foundation Maximum Capability Document

Prepared: Chad S. Caron, PE, Glosten, Inc.

Checked: Timothy S. Leach, PE, Glosten, Inc.

Approved: Timothy S. Leach, PE, Glosten, Inc.

References:

1. University National Oceanographic Laboratory System (UNOLS), *UNOLS Research Vessel Safety Standards (RVSS)*, Appendix B: "Overboard Handling Systems Design Standards Criteria for the Design and Operations of Overboard Handling Systems," 10th edition, July 2015.



9,790 lb

Safe Working Tension

on the crane or overboard handling gear bearing on the boom crutch. Crutch to be inserted fully into Centerline transom deck pipe socket as shown. SWT based on crutch height being no higher than 24" above the bulwark sleeve pipe top.