ECWP

Joshua Eaton

Update for RVOC

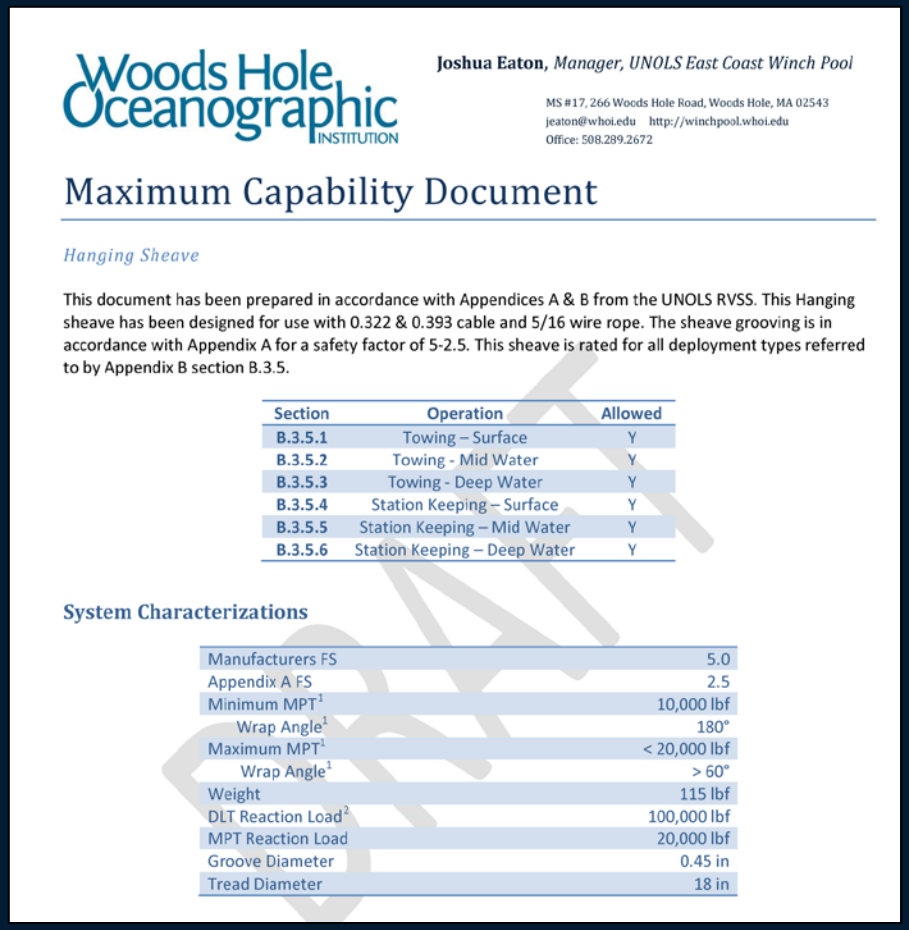
Activities

Primary Work

- Providing Winches
- Spooling Wire
- UNOLS Meetings (RVOC, RVTEC)
- AHC Configuration

Projects

Support, Compliance, & Upgrade



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Maximum Capability Document

Hanging Sheave

This document has been prepared in accordance with Appendices A & B from the UNOLS RVSS. This Hanging sheave has been designed for use with 0.322 & 0.393 cable and 5/16 wire rope. The sheave grooving is in accordance with Appendix A for a safety factor of 5-2.5. This sheave is rated for all deployment types referred to by Appendix B section B.3.5.

Section	Operation	Allowed
B.3.5.1	Towing – Surface	Y
B.3.5.2	Towing - Mid Water	Y
B.3.5.3	Towing - Deep Water	Y
B.3.5.4	Station Keeping – Surface	Y
B.3.5.5	Station Keeping – Mid Water	Y
B.3.5.6	Station Keeping – Deep Water	Y

System Characterizations

Manufacturers FS	5.0
Appendix A FS	2.5
Minimum MPT[1]	10,000 lbf
Wrap Angle[1]	180°
Maximum MPT[1]	< 20,000 lbf
Wrap Angle[1]	> 60°
Weight	115 lbf
DLT Reaction Load[2]	100,000 lbf
MPT Reaction Load	20,000 lbf
Groove Diameter	0.45 in
Tread Diameter	18 in

- Appendix B Update
- MCD Creation
- Appendix B Support
- MCD Creation Support
- Trace Metal Winch

Subject Matter Expert

- Winch Specification
  - Heavy Lift Winch
  - Medium Lift Winch
- Specification Review
  - SKIO Mulitpurpose
  - RCRV

New Assets

JASON LARS Winch

- Sea Trials Failure
- Rapp-Hydema Fix & Factory Proving
- First Operational Cruise – TGT
- Issues
- Rapp Tech Ride Along

Changes

Wire Spoolers

- Spooler Use Predicted to Increase
- Transition to the Winch Pool
- Lubrication Policy

Concepts

MRU

- Motion Compensation
- Sharing MRU Data