ECWP

Update for RVOC

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Activities
Primary Work

- Providing Winches
- Spooling Wire
- UNOLS Meetings (RVOC, RVTEC)
- AHC Configuration
Projects
Support, Compliance, & Upgrade

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

**Maximum Capability Document**

**Hanging Sheave**

This document has been prepared in accordance with Appendices A & B from the UNOLS RVS5. This Hanging sheave has been designed for use with 0.322 & 0.393 cable and 5/16 wire rope. The sheave growing 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 8.3.5.

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<tr>
<th>Section</th>
<th>Operation</th>
<th>Allowed</th>
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<tr>
<td>B.3.5.1</td>
<td>Towing – Surface</td>
<td>Y</td>
</tr>
<tr>
<td>B.3.5.2</td>
<td>Towing - Mid Water</td>
<td>Y</td>
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<td>B.3.5.3</td>
<td>Towing - Deep Water</td>
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<td>B.3.5.4</td>
<td>Station Keeping – Surface</td>
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<td>B.3.5.5</td>
<td>Station Keeping – Mid Water</td>
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<td>B.3.5.6</td>
<td>Station Keeping – Deep Water</td>
<td>Y</td>
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</tbody>
</table>

**System Characterizations**

- Manufacturers FS: 5.0
- Appendix A FS: 2.5
- Minimum MPT\(^1\): 10,000 lbf
- Maximum MPT\(^1\): < 20,000 lbf
- Wrap Angle\(^1\): 180°
- Weight: 115 lb
- DLT Reaction Load\(^1\): 100,000 lbf
- MPT Reaction Load: 20,000 lbf
- Groove Diameter: 0.45 in
- Tread Diameter: 18 in
Subject Matter Expert

- Winch Specification
  - Heavy Lift Winch
  - Medium Lift Winch
- Specification Review
  - SKIO Multipurpose
  - 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