



Duke UNIVERSITY



**Development of Maximum  
Capability Documents for  
Over-the-side Handling Equipment  
per UNOLS Research Vessel Safety  
Standard Appendix B**

# Project Management

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# Goals

- 1. MCDs for selected winches and frames on some UNOLS vessels.**
- 2. A format for MCDs that can be used for future MCDs.**
- 3. Analysis methods that can be used for future MCDs.**
- 4. Economies of scale in developing MCDs.**

# Current Documents for Review

- 1. Current Request for Proposal can be viewed by RVOC members at <http://www.unols.org/committees/rvoc/index.html>**
  - Encourage operators to review and comment ASAP**
  - Current RFP in draft and confidential format**
  - Anticipate release of RFP ~ 13 February 2012**
- 2. Examples of SIKULIAQ MCDs (under development) can be found at [http://www.unols.org/meetings/2012/Appendix\\_B/details.html](http://www.unols.org/meetings/2012/Appendix_B/details.html)**
  - Provided to vendors only as an example**
  - Current funding does not allow for a full package as shown, rather single components as identified in RFP**

# Order of Attack - First Priority

<b>First Priority</b>			
<b><u>Vessel</u></b>	<b><u>Operating Institution</u></b>	<b><u>Frame</u></b>	<b><u>Winch</u></b>
<i>Atlantic Explorer</i>	Bermuda Institute for Ocean Science	Side	CTD (Markey DUSH 5)
<i>Hugh R. Sharp</i>	University of Delaware	Stern	Trawl (Dynacon)
<i>Point Sur</i>	Moss Landing Marine Laboratories	Stern	None
<i>Cape Hatteras</i>	Duke University	Stern	Trawl (Markey DUSH 8)
<i>Cape Hatteras</i>	Duke University	None	CTD (Markey DUSH 5)
<i>Pelican</i>	Louisiana Universities Marine Consort.	Stern	Trawl (Dynacon JOB 805)
<i>Robert Gordon Sproul</i>	Scripps Institute of Oceanography	Stern	None
<i>New Horizon</i>	Scripps Institute of Oceanography	Stern	CTD (Markey DUSH 6)
<i>New Horizon</i>	Scripps Institute of Oceanography	None	Hydro (Markey DUSH 5)

# Order of Attack - Second Priority

<b>Second Priority</b>			
<b><u>Vessel</u></b>	<b><u>Operating Institution</u></b>	<b><u>Frame</u></b>	<b><u>Winch</u></b>
<i>Point Sur</i>	Moss Landing Marine Laboratories	Side	CTD (Markey Cube 6)
<i>Cape Hatteras</i>	Duke University	Side	None
<i>Robert Gordon Sproul</i>	Scripps Institute of Oceanography	None	Trawl (Markey DUTW 9-11)
<i>Robert Gordon Sproul</i>	Scripps Institute of Oceanography	None	CTD (Markey DUSH 5)
<i>New Horizon</i>	Scripps Institute of Oceanography	Side Frame 1	Trawl (Dynacon Traction)
<i>New Horizon</i>	Scripps Institute of Oceanography	Side Frame 2	None
<i>Point Sur</i>	Moss Landing Marine Laboratories	Side	CTD (Markey Cube 6)

# Request for Proposal Timeline

- 1. RFP to be issued: 29 February 2012**
- 2. RFP Questions Due: 14 March 2012**
- 3. Response to questions issued: 11 April 2012**
- 4. RFP Proposal Due: 02 May 2012**
- 5. Vendor Presentations: None**
- 6. Selection Made: 30 May 2012**
- 7. Contract Award: 06 June 2012**
- 8. Initial meeting between Contractor and Duke's technical representatives: 11 July 2012.**

# Questions Received

1. In Section 1.3 Scope of Work, description of the what the RFP response shall include, item 1.g:  
“Respond to the use of developed documents (methods, programs, document formats, or similar deliverables) for future use (i.e. revisiting a MCD due to modifications and the creation of a MCD on a new component).”

It is our intent that anything produced under this contract becomes the property of Duke and the NSF and may be used by others. After this initial effort subsequent MCDs will likely be produced by some combination of a follow-on contract with a Naval Arch firm which could be the same or a different one and by individual institutions using their own Naval Arch firms. The extent to which the results are “portable” should be addressed and will be considered as part of the evaluation.



# Questions Received

## 2. Section 15: Insurance & Liability

\$5 million of professional liability is a very large sum for a naval architecture firm, will \$2 million be acceptable?

The nature of the work associated with this project has substantial risks. Therefore, liability coverage must remain at \$5 million.

# Proposal Evaluation

- **Rebecca Stephens Smith (or Dick Ogus) – Duke University**
- **Fred Jones – Oregon State University**
- **Al Suchy or Dutch Wegmen from Woods Hole**
- **Dan Oliver – University of Alaska – Fairbanks**
  
- **Charlene L. Canteen – Sourcing Manager, Duke Procurement & Supply Chain Management**

**Questions?**