UNOLS East Coast Winch Pool
Our Mission

- Established in 2009 as a single point of contact for over boarding systems.
- Act as a center of expertise in winch use, maintenance and engineering support.
- To provide portable winch systems in support of oceanographic research
- Provide expertise in tension member spooling for both portable and shipboard winches.
Who is the ECWP?

Jamie Haley

Maintenance, logistics, testing, user training and shop operations
Who is the ECWP?

Josh Eaton
Engineering, upgrades, modifications, Appendix A & B compliance User Training
Who is the ECWP?

Brian Guest
Management, scheduling, maintenance, supplies and records.
Who is the ECWP?

There are many others that are involved with ECWP operations.

**Al Suchy and Dutch Wegman** – Wire spooler scheduling for UNOLS vessels

**Matt Heintz** – Rapp Hydema (Jason) scheduling and maintenance.

**Doug Handy** – Crane work and wire spooling

**Christopher Griner** – Wire Spooling and lubrication

**Faith Hampshire** – Administrative support

**Dave Fisichella** – Management and supervision
ECWP Winch Assets

- 2 ea. MacArtney MASH2K (one with MRU)
- 2 ea MacArtney MASH4K
- 2 ea Dynacon 10030 Light duty winches
- 1 ea Hawboldt Medium duty
- 1 ea Dynacon Medium duty (GEOTRACES)
- 1 ea Rapp Hydema Heavy duty (Jason)
- 1 ea TSE mooring spooler
- 1 ea Sea-Mac 1300 lb SWT
Non Winch Assets

- Three tensioning systems
- Turntable mounting systems (designed by Haley and Eaton)
- Metering and non metering blocks
- Standard and fiber optic slip rings
- Winch baseplates
- Assorted tension members
- Dynamometers
- 208 to 480 VAC step-up transformer
Busy 2015

We’ve had a busy year with 22 deployments so far totaling 519 days of ECWP equipment usage.
Josh Eaton and Jamie Haley are developing a new winch system through an internal WHOI grant. It is currently going through the patenting process.
Busy 2015

- OOI had 8 deployments of our mooring spooler and 1 deployment of our LD-1 Dynacon.
- Our MASH2K with MRU has traveled from WHOI to New Zealand, over to Portland, OR and back.
- The GEOTRACES MD-3 Dynacon spent 4 months at sea and traveled to the North Pole.
- All 4 of our MacArtney winches are receiving modifications to the level wind system.
- Turntables have been used on 5 cruises and 3 different winch systems.
Busy 2015

- Assisting the wire pool with their new synthetic line test by providing equipment as needed.
- Will be meeting with OOI managers to better understand their future winch needs.
- Working to keep documentation (MCDs) up to date.
In 2012 the ECWP established a web site, thanks in a large part to the efforts of Josh Eaton, to allow users to request equipment for their work, provide information about our equipment and to improve asset management.

http://winchpool.whoi.edu/
Web Site

Front Page

Woods Hole Oceanographic Institution
Web Site

Scheduling

UNOLS East Coast Winch Pool

UNOLS Winch Pool Schedule

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User Feedback

East Coast Winch Pool User Survey
Please give us your feedback on your experience dealing with the ECWP

Your name:

Name of equipment requester

What equipment was provided to you by the ECWP?

Give us some details about your cruise (date, vessel, location, etc.)

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Thank You

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