Staff

Jamie Haley
Senior
Engineering
Assistant

Josh Eaton - Engineer

Brian Guest
Manager
Equipment - Winches

- 1 Ultra Light Duty Winch 1300 lb SWT
- 5 Light Duty Winches ~3400 lb SWT
- 4 Medium Duty Winches 5200 lb – 6200 lb SWT
- 1 Heavy Duty Winch 10,000 lb SWT
- 2 TSE Mooring Spoolers
- 1 Dedicated Trace Metal Winch
- 2 Motion Reference Units
- Assorted blocks
Equipment – Wire Tension System

- Pinehill Tensioner
- TSE Bull Wheel Tensioner
- Leitheiser Tensioner
- Reel-Power Winder Cart
Equipment - Blocks

- One ½” Harken Block
- Two .322 Harkin Blocks
- One 36” diameter 0.681 Block
- One 0.322 Trace Metal Sheaves
- One Wide Groove Metering Shreve
- One ¼” Trace Metal Sheave
- One 48” diameter 0.681 Sheave
Equipment - Other

- Two Light Duty Turn Tables
- One Medium Duty Turn Table
- One 25K and nod 50K Load Cells
- One Quick Check Tensiometer
- 2000 sq ft Winch Pool Shop
- One 3 Phase 220 VAC to 480 VAC Transformer
- Multiple Slip Rings
- Two MRUs
Turntable
About us
The UNOLS East Coast Winch Pool was developed to facilitate the science-based use of winches. The East Coast Winch Pool is part of the UNOLS Equipment Pool Program. We maintain, prepare, and repair portable winches used in the fleet. The majority of our funding comes from the National Science Foundation.

Types of Winches

Heavy Duty
These winches are large and are for large diameter cables. They are multiple pieces.

Medium Duty
These winches are relatively large and are best suited for larger diameter cables of very long lengths of smaller cable. They are capable of holding 2000 meters of 0.8-inch cable. They can be used with a motion reference unit and have active heave compensation. They are also capable of operating with render and render recovery modes.

Light Duty
These multipurpose winches are best suited to small diameter cables. They can be used with any diameter cable and are suitable for most applications. For example, they are capable of holding 1000 meters of 0.322-inch cable. They can be used with a motion reference unit and have active heave compensation. They are also capable of operating with render and render recovery modes.

Ultra-Light Duty
These winches are the smallest and powerful winches available. They are used for light loads.

Measuring Spooler
These winches are used in mooring operations.

Base Plate
The East Coast Winch Pool has standard base plates and mount brackets for the winches.

Wire Spooler
Wire spoolers are used to spool cable onto winches. Contact the WCOI office for scheduling.

Sheaves
Sheaves in the pool are available to users.

MRU
Accessory for adding heave compensation to winch.

How to Schedule
Use the schedule request form, or call the winch pool.
Website – Request Form

### Request Form

- **Requestor**: [First name] [Last name]
- **PI**: [First name] [Last name]
- **Institution Name**: 
- **Email Address**
- **Telephone Number(s)**
- **Agency**: NSF or other agency
- **Ship**: 
- **Mobilization date (mm/dd/yyyy)**
- **Demobilization date (mm/dd/yyyy)**
- **Weight of gear (lbs)**
- **Expected tension (lbs)**
- **Wire used**: 
- **Wire length (ft)**
- **Use description**: 
- **Comments**: 

**CAPTCHA**: [Image]

[Submit]
# UNOLS Winch Pool Schedule

![UNOLS Winch Pool Schedule](image)

**Inventory**
- MASH4K-1
- MASH4K-2
- MO-1
- MQ-3
- LD-1
- LD-2
- LD-3
- MASH2K-1
- MASH2K-2
- MS-1
- MS-2
- UL-D-1
- Liethiser
- Pine
- TSE
- HD-2
- Large
- Small
- Turn Table
- #20
- #21
- 10" Metering Block
- Metering
- MSU-1
- MSU-2

**Legend**
- equipment in-use

**Start month**
- Jan

**End month**
- Dec

**Start year**
- 2020

**End year**
- 2020

**Go**
Future
Future