



UNOLS
East Coast
WINCH POOL



WOODS HOLE
OCEANOGRAPHIC
INSTITUTION



Woods Hole Oceanographic Institution
Woods Hole, MA



| Staff



Jamie Haley
Senior
Engineering
Assistant

Josh Eaton - Engineer



Brian Guest
Manager

| Shop



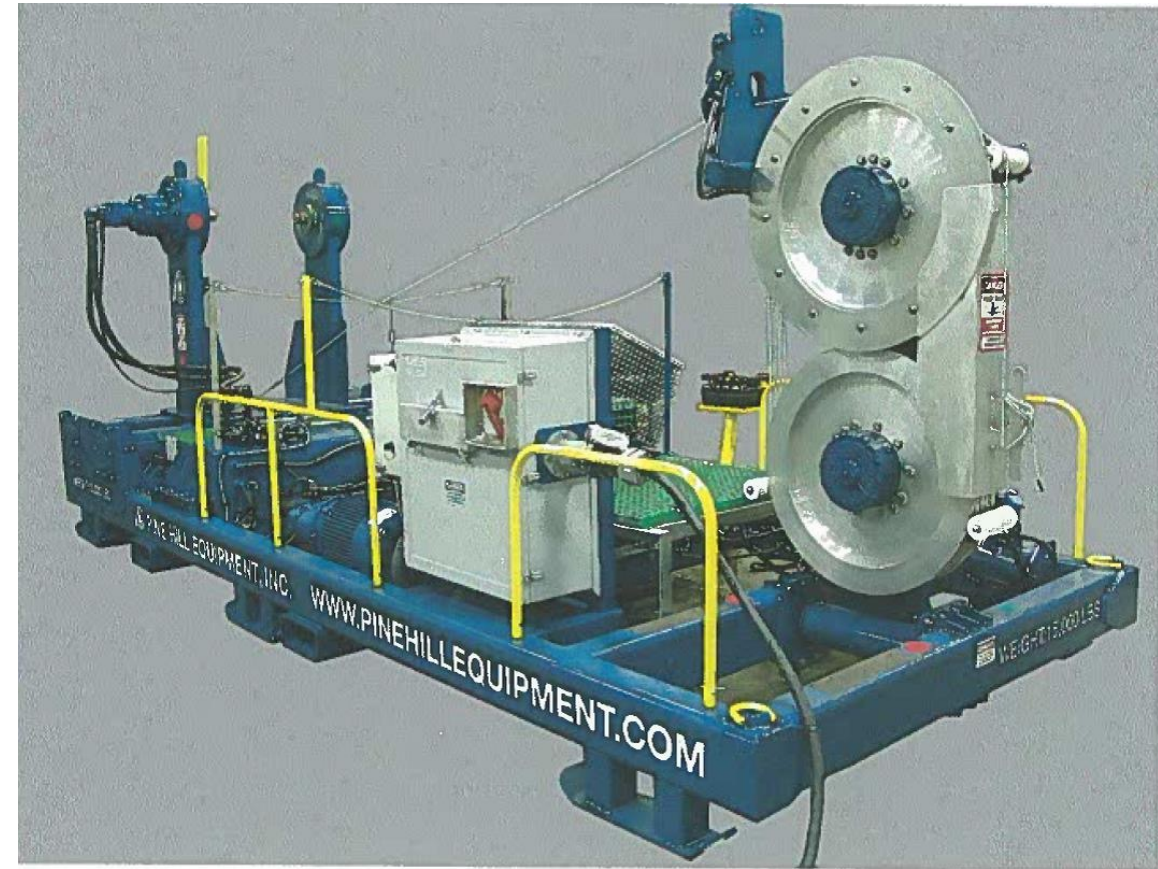
Equipment - Winches

- 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



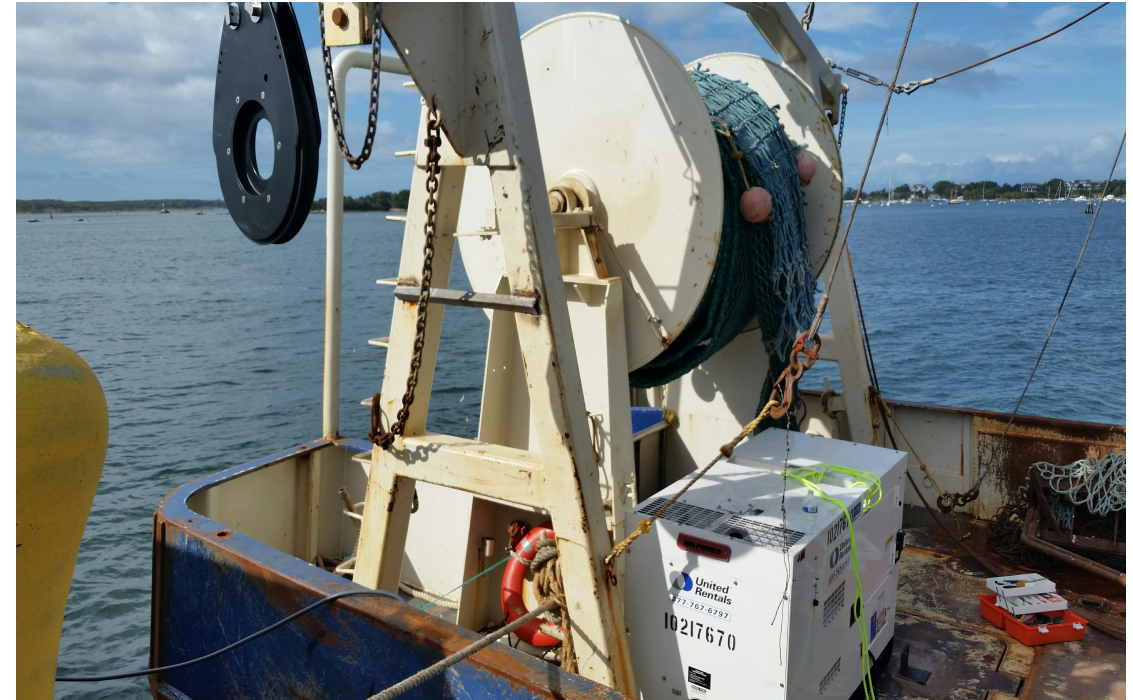
Equipment – Wire Tension System

- 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 or very long lengths of smaller cable. They are capable of holding 2000 meters of 0.5 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 recover modes.

Light Duty

These multipurpose winches are best suited to small diameter cables. They can level wind any diameter cable and are suitable for most applications. For example, they are capable of holding 2000 meters of 0.322 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 recover modes.

Ultra-light Duty

These winches are the smallest least powerful winches available. They are used for light loads.

Mooring Spooler

These winches are used in mooring operations.

Base Plate

The East Coast Winch Pool has standard base plates and turntables for the winches.

Wire Spooler

Wire spoolers are used to spool cable onto winches. Contact the WHOI Port Office for scheduling.

Sheaves

Sheaves in the pool 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

Woods Hole Oceanographic INSTITUTION

UNOLS East Coast Winch Pool

AUTHORIZED USERS

Home

Request Form

Inventory

Schedule

Contact Us

Request Form

Requestor*: first last

PI*: first last

Institution Name:

Email Address*:

Telephone Number(s)*:

Agency: or other agency:

Ship: Cruise:

Mobilization date (mm/dd/yyyy): Mobiliation port:

Demobilization date (mm/dd/yyyy): Demobilization port:


Weight of gear (lbs):

Expected tension (lbs):

Wire used: Wire length (m):

Use description:

Comments:

I'm not a robot  reCAPTCHA
Privacy - Terms

Submit

Website - Schedule

Woods Hole Oceanographic INSTITUTION AUTHORIZED USERS

UNOLS East Coast Winch Pool

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UNOLS Winch Pool Schedule

= equipment in-use
 Start month: End month:
 Start year: End year:

Inventory	Jan	Feb	Mar	Apr	May	Jun	Jul
MASH4K-1							
MASH4K-2							
MD-1							
MD-2							
MD-3							
LD-1							
LD-2							
LD-3							
MASH2K-1							
MASH2K-2							
MS-1							
MS-2							
ULD-1							
Liethiser							
Pine							
TSE							
HD-2							
Large							
Small							
Turn Table							
#20							
#21							
16" Metering Block							
Metering							
MRU 1							
MRU 2							

Future



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Thank You



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