

What is the National Science Foundation Wire Pool?

Rick Trask, NSF Wire Pool Manager



The Wire Pool supports the tension member needs of the US Academic Research Fleet

Maintaining an Inventory

Coordinating Requests

Conducting Break Tests

Maintaining a Wire Database

Providing support to the RVOC Safety Committee





Inventory and Distribution of Tension Members



Inventory

- One Wire Pool, 2 storage locations
- Inventory of commonly used tension members
 - Wire Ropes: ¼", ½", 9/16"
 - Cables: .322"EM, .680 Coax, .681" power optic
 - Synthetics: 9/16" Plasma HiCo

Distribution

- Process requests for new and used tension members
 - 1. Field all requests (via email or on-line request form)
 - 2. Availability of requested tension member
 - 3. NSF approval
 - 4. Arrange for shipping to a domestic port

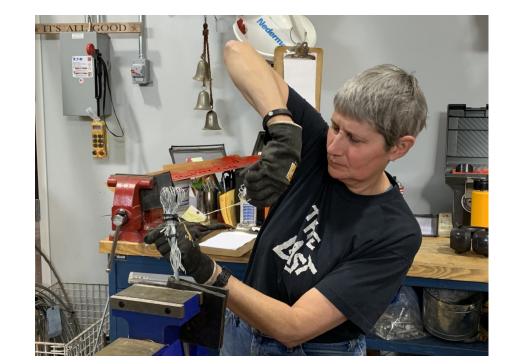




TENSION MEMBER TESTING



Barbara Callahan
Wire Testing Coordinator
Assisted by
Ellen Roosen





Tension Member Testing

- Mandated by Appendix A of UNOLS Research Vessel Safety Standards
- The Wire Pool is funded to test your wire rope, cable and synthetics.
- Process for getting your wire tested & in the queue:
 - 1. Submit a break test request via the database.
 - 2. Send your sample with at least one end terminated with the fitting used in the field.







Wire Pool Database

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