

SIX MONTHS AT SEA: MY MATE/UNOLS INTERNSHIP EXPERIENCE



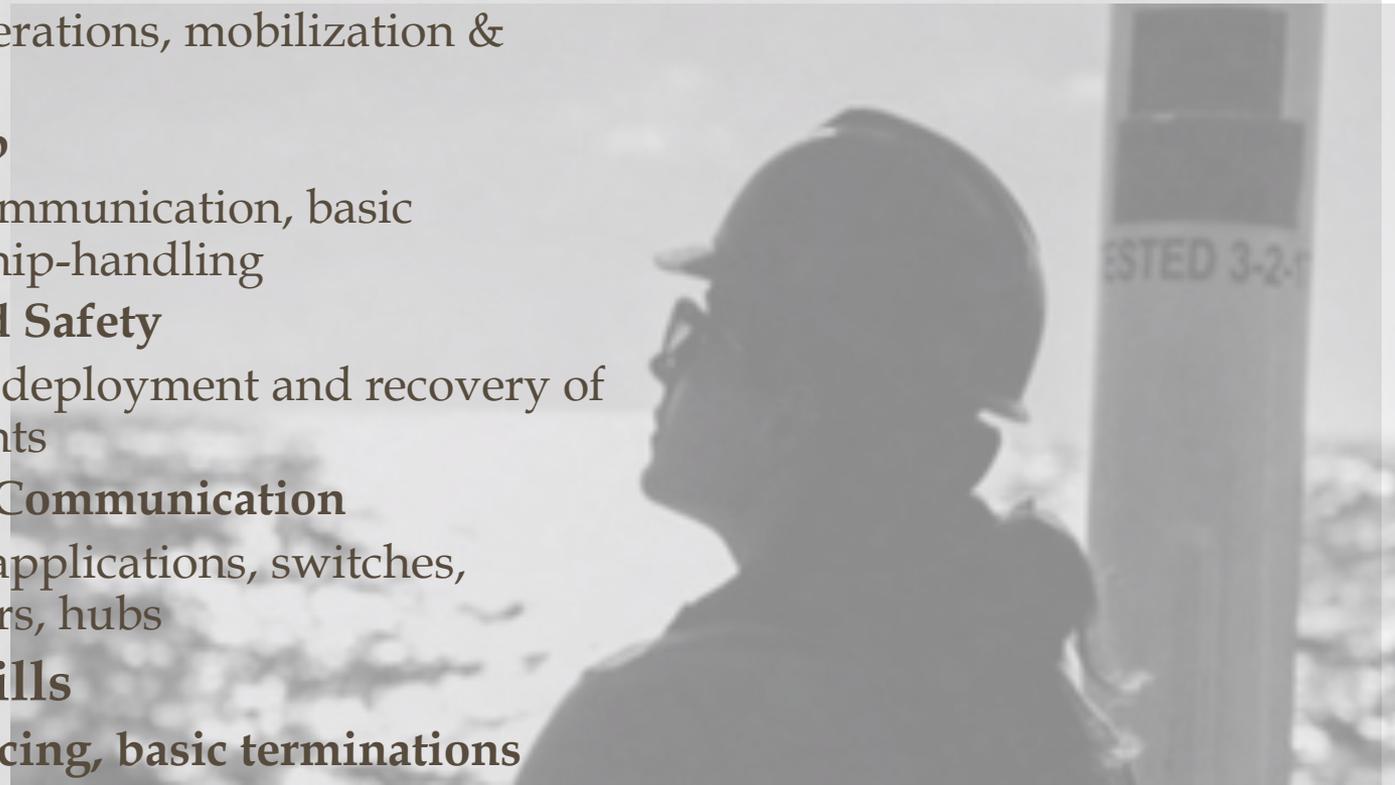
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HOW DID I GET HERE?



INTERNSHIP GOALS

- **Cruise Preparations & Logistics**
 - Deck plans, operations, mobilization & demobilization
- **Basic Seamanship**
 - Knots, radio communication, basic navigation & ship-handling
- **Deck Rigging and Safety**
 - Line-handling, deployment and recovery of large instruments
- **IT, Network and Communication**
 - Basic network applications, switches, adapters, routers, hubs
- **Mechanical Skills**
 - Soldering, splicing, basic terminations
- **Data collection, storage and conversion**
- **Instrument set-up, operation, troubleshooting**



THREE MONTHS IN LOUISIANA



THREE MONTHS IN BERMUDA



INSTRUMENTAL EXPERIENCE

- CTD
- Cores (multi-core, box core)
- Tows (net, phytoplankton and zooplankton)
- Bongo nets
- Sediments traps
- ADCP
- Echo-sounder
- Transponder
- ROV
- Mooring and Buoy
- In-situ pumps
- Productivity arrays
- Underway systems
- Thermosalinograph (TSG)
- Drifters and Gliders
- Seasave
- Seaterm
- SCS
- Hypack
- Navnet
- R2R Event Logger
- Operating Systems: iOS, Windows, Linux, Mac OS
- Introductions to: Tera term, PuTTY, ARC-GIS, Matlab

GAINING VESSEL HANDLING EXPERIENCE



Last March I obtained my USCG OUPV Captains License (6-PAK)- My MATE internship helped me gain vessel handling experience, while learning about navigation equipment and their troubleshooting techniques.

SEA YOU LATER: QUESTIONS?

