

Nordic Seas Mobilization Plan

- ❖ Mobilization Location: Woods Hole Oceanographic Institution, Woods Hole, MA
- ❖ Mobilization Period: 29 Jan to 31 Jan 2014
- ❖ Mobilization Personnel
 - Massachusetts Institute of Technology
 - Dr. Nick Makris - Principal Investigator (617) 999-0467 makris@makris.mit.edu
 - Woods Hole Oceanographic Institute
 - Chad Smith – Assistant Marine Operations (617) 999-4163 csmith@whoi.edu
 - Doug Handy - Dock Master (508) 889-7230 dhandy@whoi.edu
 - Einhorn Engineering
 - Mike Einhorn - Senior Engineer (206) 369-1147 mike@einhornengineering.com
 - Paul Zimpelman – Engineer (360) 852-1812 paul@einhornengineering.com
 - BAE Systems
 - Marcus Hursh – Principal Engineer (603) 370-1348 marcus.n.hursh@baesystems.com
 - Scott Whitney – Senior Engineer (603) 854-4343 scott.l.whitney@baesystems.com
 - Penn State University Applied Research Laboratory
 - John Preston – Scientist (814) 441-2534 jrp7@arl.psu.edu
 - Jim Dorminy – Technician (814) 931-0470 jdd10@arl.psu.edu
- ❖ Mobilization Daily Schedule
 - Wednesday, January 29th
 - 0900 Baxter Crane and truck arrives and sets up at School Street lot.
 - 1000 BAE trucks arrive at WHOI.
 - OAWRS 40' Handling System Van arrives WHOI School Street lot for unloading. Baxter Crane and WHOI forklift on site ready to off-load.
 - Container unloaded from truck and handling system skid removed from container using forklift. Handling system skid set on Baxter Truck and moved to dock. Modify and set handling system foundations.
 - OAWRS 20' Control Van (13,000 lbs) routed to dock for immediate on load to ship. WHOI to pre-stage van pedestals on ship.
 - 1100 Crane moves to dock to loading large picks on ship.
 - 1230 Begin on load of all large picks; OAWRS handling system (35,300lbs), FORA winch (22,000 lbs) and FORA chute (2,000 lbs).

- 1500 Crane take down and departure.
 - Welders to install mounts on FMP for new enclosure.
 - Setup FOR A computers and Towed Array Test Set
 - Finish securing equipment on deck.

- Thursday, January 30th:
 - MIT to arrive and begin on-load of computer equipment
 - Complete small parts on load and organization
 - Electrical hook ups to OAWRS and FOR A equipment
 - Install HPU heater components and checkout
 - Handling system checkout and dip test
 - Mod-30 array projector Meggar measurements and NAS testing.
 - Transmit console and amplifier testing with waveform libraries into dummy load.
 - Move all equipment to be stored back to 40' OAWRS van and secure van

- Friday January 31st:
 - OAWRS source and FORA system timing checks.
 - Test MIT processing computers with FORA data.
 - Contingency tasks.
 - Rig OAWRS source array, FORA and operations van equipment for at-sea transit.

FDRA
Overboarding
Sheave
6' x 4'
2,000 lbs

56 1/2

Source Array
Handling System
30.25' x 7.5'
35,300 lb.

FDRA
Winch
8' x 8'
22,000 lb.

HANGAR

MAIN LAB

OVERHANG

AC
Source Array
Control Van
20' x 8'
13,000 lb.

