

Trip Objectives:/Accomplishments = (✓) Not Done = (°)

- Service ADCP's (EL, BH, OK)
- Swap out Sediment traps
- ü Install new computer at Oak Island shore station, redirect ftp to frf
- ü Compass calibration of new gages for BH and EL
- ü Service 3 Underwater Acoustic Transponders (UAT's) for replacement at BH, OK and EL
- ü Recover OK marker buoy and deliver to Eagle Island USACE Yard

Summary:

Recovered buoy delivered to Eagle Island USACE Yard, Wilmington

Marker Buoy is US Coast Guard 8 X 26.5 feet, see pictures:

Diving not completed due to bad weather

New shore station computer installed and working

9Apr04

Left FRF/home for Wilmington Govt truck

Stopped at Fayetteville, left Govt truck at airport, went on vacation

11Apr04 Returned from vacation to Fayetteville

12Apr04

Picked up Govt truck and proceeded to Southport, NC

Called divers weather looks good for Thursday, but we will look at it again tomorrow after the 10AM forecast is posted.

Visited Mrs. Canning and got key to OK shore station house (Miramar)

The number at the house is 910-278-6132. House is rented and I had to call to make arrangements with the renters since they have a dog. Called several times no answer.

13APR04

Started servicing gages. Called divers at 10:00. Weather looks good for Thursday. Gave them the go ahead to mobilize Wed and dive Thurs. Serviced 3 Uat's, 3 ext battery packs and 3 sediment traps and 2 ADCP's. Compass Calibration on 2 ADCP cassettes.

Called shore station house and got permission to install new computer. Also found out that the Oak Island gage marker buoy had wash ashore. Installed new computer at shore station. Attempted to ftp to FRF, but power is down at pier so I redirected the ftp back to EHI. Gage and new computer working fine.

14APR04

03:00 weather report changed from yesterday. Now Thursday doesn't look good until late in the afternoon.

08:00 called divers and canceled dive. Talked to Ricky.

10:00 Called Eason again just to make sure they got the word to cancel the dive.

Packed up to leave, but after talking with Trap stayed to recover the buoy.

Went back to see the buoy in the surf. Called Boat Tow US and Yaupon Service Center. Boat Tow can pull it off shore and tow it, but it will be expensive. Yaupon can winch onto Lowboy trailer. By chance met a guy who works for the town of Oak Island. He gave me the town Operations Supervisor's information. (Darryl Ratcliffe 910 278-1758). I called Darryl and he came down to take a look-see. He decided they would be glad to help us. I told him low time was at 11:00 on Thursday and that would be the best time to go after it.

15APR04

Town arrived with front-end loader, dump truck and trailer. After taking a closer look at the buoy Darryl decided his trailer wasn't big enough. I called Mark at Yaupon Service

Center and he came to the site with a Lowboy tractor-trailer and a wrecker. The town crew dragged the buoy up to the beach access parking lot and then assisted the wrecker to get the buoy onto the Lowboy trailer. Took buoy to Oak Island Coast Guard Station. The town crew including front end loader followed to assist with offloading. At the station, Senior Chief Cantrell informed us that this buoy was much larger than they could handle and the cutter Blackberry had not deployed it. He gave me a contact and after several calls, including valuable information from our own Ray Townsend, I found out the buoy was originally staged out of the US Army Corps of Engineers yard at Eagle Island in Wilmington. I made contact with them and had the buoy delivered there.

I had met several times with Jim Harper, a reporter with the State Port Pilot newspaper. He is very interested in the plight of the weigh word buoy and the offshore instruments and any results we have concluded. I gave him what information I could, but deferred him to Carl or Wilmington office for any information about results from the monitoring program.

Left Wilmington for home.

16APR04

Offloaded equipment at FRF.

New Contacts:

Town of Oak Island: Operations Supervisor Darryl Ratcliffe 910-278-1758 cell523-1675

US Coast Guard Oak Island Station Senior Chief Cantrell 910-278-1133

US Coast Guard Atlantic Beach ATONS CWO Humphreys 252-247-4567

US Coast Guard Portsmouth, VA Ship Operation Scheduler Tom Flynn 757-398-6229

US Coast Guard, Portsmouth, VA Scheduler, Mr. Posey 757-398-6220

US Army Sunny Point Marine Depot, Mr. Monsure, MOTSU Engineer 910-457-8291

US Army Sunny Point Marine Depot, Alt. Eng. Mr. Lockwood 910-457-8606

Captain of USACE ship Snell Billy Cathnell Boat 910-617-5016, cell 910-617-8621

Eagle Island yard Wilmington, Operations Ken Bailey 910-251-4617, cell-910-617-0930



