



**Peter A. Collins, B.S.**  
**Oceanographic Field Technician**

**Expertise**

Specializing in the design, installation, support and maintenance of oceanographic systems.

Skilled in the use and configuration of sensors for measuring meteorological and oceanographic data. System level and component level electronic circuit troubleshooting and repair, malfunction trend analysis, and quality control inspection.

Systems integration of meteorological and oceanographic instrument deployments, computer administration and networking, electro-mechanical design, data analysis, data acquisition.

A specialist in the area of customer training of system integration for oceanographic systems. A motivated team leader, dedicated team player, and an enthusiastic teacher and communicator.

**Education**

B.S. Marine Transportation –  
1997 Massachusetts Maritime  
Academy

**Qualification Summary**

- More than 15 years of professional experience in the fields of Oceanography and Maritime industries, specializing in the areas of oceanographic instrumentation, systems deployment, and systems integration.
- Experienced with a range of oceanographic measurement technologies
- Strong written and verbal communication skills
- Electro-mechanical Assembly
- Electro-mechanical System Integration
- Troubleshooting
- Problem Solving
- Technical Training

**Work Experience**

2015 - Present	Woods Hole Group, Inc.
2005-2015	Teledyne Webb Research
2001-2005	Woods Hole Oceanographic Institution
1999-2000	Massachusetts Maritime Academy
1997-1999	J. Ray McDermott

## Key Projects

### **BP Mad Dog RTMM Buoy System – Field Technician**

Served as field technician during annual service interval and emergency service operations responsible for recovering, maintaining, repairing, and servicing of meteorological and ocean current profiling buoy. Manage field activities and service tasks of field team on site. Work with ship's crew and BP representative to ensure safe recovery and deployment of equipment, precision navigation of deployment location, and proper data collection.

### **Ecopetrol RTMM Buoy System – Lead Field Technician**

Served as lead technician during assembly and construction phase of the RTMM system. Responsible for complete system wiring and sensor integration, QC/QA inspection, and oversight of complete system test during Factory Acceptance testing. Served as team member for final assembly and testing, and deployment operations at sea. Completed QC check of data and system operation once deployed. Revised Bills of Materials, inventory tracking, and assembly documentation and procedures.

### **Chevron Frade RTMM Buoy System – Lead Field Technician**

Served as lead technician during assembly and construction phase of the RTMM system. Responsible for complete system wiring and sensor integration, QC/QA inspection, and oversight of complete system test during Factory Acceptance testing. Updated and revised wiring diagrams, Bills of Materials and assembly documentation and procedures.