

**Steven Butcher**  
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**Education:** April 1992 **University of West Florida**  
Bachelor of Science  
Technical-Vocational Studies/  
Technology Education

**Areas of study:** CAD Drafting (Architectural and Mechanical), Electronics, Metal Working, Welding, Cabinet Making, Mechanics, Physics, Education  
**Additional Education:** 10 of 30 hours completed towards Masters in Technology Education at USF Tampa. Area of study: Robotics, & CAD CAM Engineering,  
50 Ton Masters Captain's License with Towing Cert., STCW, CPR, TWIC.

**Experience:** March 2001 – Present **University of South Florida** St. Petersburg  
**Center of Ocean Technology**

**ROV Lab Technician and Captain:** Deployment Support: Provide technical, hands on field support other staff members at the Center for Ocean Technology with focus on profilers, gliders, passive acoustic recording arrays, underwater adaptive robotics programs, ROVs, unmanned surface vehicles, acoustic and RF tracking, and generic off the shelf sensor packages. Tasks include at sea support of all operations including preparation, deployment, retrieval, and breakdown.

**Maintenance Support:** Prepare and run preventive maintenance schedules as per operational manuals, instructive materials, and pre-deployment qualification protocols for the systems deployed by the program team. This includes but isn't limited to keep recording records and tracking inventory of critical and spare parts for each system. Systems of interest include all equipment the Center for Ocean Technology has been tasked with maintaining.  
**Fabrication Support:** Utilize standard fabrication, measurement, and testing equipment to create rudimentary mechanical and electrical parts and assemblies. This includes but isn't limited to fabrication of some machined parts and components, electrical cable assemblies, printed circuit board population, and underwater cable splicing. Tasks also include inventory assessment and ordering of needed equipment.  
**Captain Duties:** Serves as primary and secondary boat captain. Pilots and navigates an ocean-going vessel engaged in marine research. Maintains charts and a variety of vessel logs and prepares required reports. Inspects the vessel for readiness, prepares gear, and plans routes. Ensures proper maintenance and use of survival equipment. Briefs passengers on fire and other emergency drills. Procures supplies to keep vessels and shore facility stocked with inventory parts, consumable and non-consumable supply items.

January 1999 – June 2001 **Volt Telecommunications** St. Petersburg  
**Copper and Fiberoptic Cable Technician:** spliced, tested, terminated large fiber optic and copper cables.

January 1996 – January 1999 **Independent Contractor** St. Petersburg  
**Business Phone Systems Technician:** Installed, programmed, and maintained business key systems; installed Cat 5 data systems.

January 1986 – January 1996 Ft. Walton Beach, St. Petersburg  
**Teacher, Land Surveyor, Independent Construction Contractor**  
Teacher of technical education; and also performed a variety of duties as land surveyor and independent construction contractor.

September 1979 – 1986 **Larsen Bay Fisheries**  
**Commercial Fisherman;** first mate, and later owner/operator: Fished commercially; supply king crab, snow crab, salmon, herring and halibut; operated and maintained 32' to 110' commercial fishing boats in areas off shore of Kodiak Island, Alaska, the Bearing Sea, and Gulf of Mexico (1984 and 1985). Caribbean fishing deep water golden empress crab and lobster.