

# Statement of Qualifications

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## **Capt. Joseph A. Derie, (LCDR, USCG, Ret.) DSc. PE**

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### **Licenses, Certifications and Registrations**

- Master, Inland and Near Coastal Steam or Motor Vessels, 100 GT, USCG license #1211280, with Assistance Towing Endorsement • FCC Marine Radio Operator
- Able Bodied Seaman • Underwater Investigator • Cargo Damage Surveyor
- Title 46 Commercial Fishing Vessel Examiner • IICL Cargo Container Inspector
- Certified Marine Investigator • Certified Fire & Explosion Investigator
- NAMS-CMS • AMS, SAMS • ABYC Master Marine Technician • Certified Plant Engineer
- Professional Engineer, CA #C55477, AZ #37620, FL #40098
- Private Investigator, OR #43685 • Certified Fire Investigator

### **Specialized Training**

- Marine accident investigation and reconstruction, fire/arson investigation, damaged cargo/container inspection, maritime/boating safety, water survival, damage control, diving/underwater investigation, navigation, marine engineering, and seamanship courses.

### **Education**

- Doctor of Science in Research and Engineering Management, Southeastern Institute of Technology, Huntsville, AL
- Master of Engineering in Engineering Management, Boston Univ., Boston, MA
- BS in Civil Engineering, Virginia Military Institute, Lexington, VA

### **Experience**

**1996–present:** Self-employed maritime/boating safety consultant and marine surveyor.

- Consultant on maritime/boating safety, accidents and damage claims, dredging, aids to navigation, and waterfront facilities. Marine surveyor for small craft, yachts, uninspected commercial vessels, hull and machinery, cargo and containers. ABYC certifications instructor.

**1996–2000:** Adjunct instructor, California Maritime Academy, Vallejo, CA.

- Instructor in seamanship, navigation, watchstanding, water survival, Coast Guard requirements and STCW qualifications, (engineering and deck), marine engineering, electricity, electronics and communications.

**1995–1996:** Project Manager/Senior Engineer, Moffatt & Nichol Eng, Walnut Creek, CA.

- Planned and managed waterfront and maritime projects on San Francisco Bay, the Sacramento River, and California and Nevada reservoirs and lakes.
- Projects involved boating, vessel traffic management, regulatory markers, aids to navigation, boating safety, dredging, waterfront facilities, environmental compliance, and waterways issues and management.

**1971–1995:** Officer, US Army/US Coast Guard. Engineer and Deck Watch Officer. As Naval Engineer, was Chief, Icebreaker and Coastal Buoy Tender type desk. Responsible for engineering and changes to ships systems. Deck Watch Officer on a large cutter performing marine safety, fisheries, drug enforcement and search and rescue missions.