

I have over thirty years of experience in Boating Safety, Safety Standards, Boating Accident Investigation, Boat Manufacturing, and Federal Regulations. I specialize in electrical systems, fuel systems, flotation standards, small craft capacities, and boating safety. I am an accomplished public speaker having given presentations at seminars for boat manufacturers and boating safety. I have extensive computer skills. Proficient in Word, Excel, database management, HTML, web page design and management, and computer technology. I successfully managed a Coast Guard industrial facility with 120 personnel, both civilian and military, and a multi-million dollar budget, responsible for construction, maintenance, and repair of Coast Guard facilities in California, Nevada and Utah.

Since retirement I have created and managed the New Boat Builders Home Page at <http://newboatbuilders.com>, a web site for the boat building business. I participated in US Coast Guard funded research on flotation foam with the American Boat and Yacht Council (ABYC) and wrote the final report. I authored an article on fuel tanks for Pacific Yachting magazine. I have published a book on Marine Electrical Systems for Boat Builders, And on Boat Capacities and Flotation.

Personal Interests; I built a 12ft rowing dinghy, an 8ft sailing dinghy, and restored a 1972 18ft Sea Ray 190 I/O. I am an avid photographer and some of my photos were published. I enjoy fishing and boating and spending time with family.

2 ½ years as Engineering Technician, Lockheed Shipbuilding & Construction Co.

20 years as Coast Guard enlisted and officer

14 years as Coast Guard civilian engineer at GM-13 level.

Bachelor of Science Operations Management

Associate of Applied Arts (Engineering

Certificates in Electronics from US Navy and Technical Training Inst.

Member American Boat and Yacht Council, Past Committee membership

Electrical Systems Fuel and Ventilation Hull Performance
Battery Chargers Refrigeration-Air Conditioning Fire Fighting Equipment

Other past committee membership

SAE Fuel System Subcommittee NASBLA Boats and Associated Equipment
SAE Marine Engine Wiring

Guest Speaker at the following events:

NMMA Engineering Standards Compliance Seminars (for nine years)

International Boat Builders Exhibition (IBEX) on various subjects.

Houseboat Expo, Louisville KY

Testimony before the California Air Resources Board (CARB) or EPA Standards

Moderator for public hearings on propeller guards.

The International Association of Marine Investigators (IAMI)

A variety of other venues such as, yacht clubs, schools, businesses.

Prof. Assoc:

US Naval Institute, American Boat and Yacht Council, Military Officers Assoc. of America.

Distinguished Alumni, Westlawn Institute of Marine Technology:

Awards: Commanders Award for Sustained Excellence in Federal Service

Coast Guard Auxiliary National Commodores Distinguished Service Award

National Defense Service Award

Coast Guard Meritorious Unit Commendation

Coast Guard Sea Service Ribbon

Coast Guard Good Conduct Medal

Rifle and Pistol Expert Medals

Cold War Service Certificate