

I have over thirty years of experience in Boating Safety, Safety Standards, Boating Accident Investigation, Boat Manufacturing, and Federal Regulations. I specialize in marine electrical systems, fuel systems, flotation standards, and small craft capacities and boating safety. I am an accomplished public speaker on these subjects.

Since retirement in Oct, 2004 I have created and managed the New Boat Builders Home Page at <http://newboatbuilders.com>, a web site for people starting a boat building business. I worked on a US Coast Guard research study on flotation foam for the American Boat and Yacht Council (ABYC). I authored an article on fuel tanks for Pacific Yachting magazine.

http://newboatbuilders.com/docs/PY_JAN09_51-54_FUEL_TANKS.pdf

I have built a 12 foot rowing dinghy, an 8 foot sailing dinghy, and restored a 1972 18 foot Sea Ray 190 I/O

Experience:

20 years as Coast Guard enlisted and officer

14 years as Coast Guard civilian engineer

1965 Lockheed Shipbuilding, Naval Architecture Div

1965-1969 USCG Fire Control Technician (Electronics)

1969-1972 Lockheed Shipbuilding, Naval Architecture Div and Ship Repair

1973-1976 USCG Fire Control Technician (Electronics)

1976-1979 USCG Boating Accident Investigation

1978-1981 USCG Assistant Director of USCG Auxiliary in Salt Lake City, UT

1981-1984 USCG Industrial Facility Manager, USCG Base San Francisco

1984-1989 USCG Boating Safety, Standards, USCG Headquarters

1990-2004 Civilian Engineer Boating Safety, Standards USCG HQ

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 since 1984: Past Committee membership

Electrical PTC

Fuel and Ventilation

Battery Chargers

Refrigeration and Air Conditioning

Fire Fighting Equipment

Hull Performance

Thermal Appliances

Other Past committee membership

SAE Marine Engine Wiring

SAE Fuel System Subcommittee

NASBLA Boats and Associated Equipment

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)

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.

Professional Associations: US Naval Institute, American Boat and Yacht Council

Distinguished Alumni, Westlawn Institute of Marine Technology:

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