

I have over twenty five 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.

Experience:

Life long boating enthusiast with experience in power and sail.
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

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