



Experience

COO Maritime Technical Services 2008 – Present

Chief Operating Officer, Maritime Technical Services LLC specializing in a wide range of safety, security and training services for the maritime industry. Clients include: USCG, APL Maritime, Matson, Patriot Contract Services, Golden Gate Ferry District, and numerous Small Passenger Vessels in the greater San Francisco Bay area.

Our services include:

- Regulatory consulting, assist clients with complex technical issues covering Coast Guard and EPA regulations on commercial vessels
- Training and development; recently held 5-year contract for training CG regulators (Marine Inspectors) on the inspection of wood and composite constructed commercial passenger vessels. Developed and taught a one week course of instruction on New Construction Oversight, Project Management and Small Passenger Vessel Plan Review procedures for CCGDONE in 2015, 2016 and in 2017.
- Project Management and Specification Development
- Environmental Vessel Audits, conducts environmental audits on vessels for PCB, lead and asbestos hazards with specific emphasis on the Toxic Substance Control Act (TSCA) 1979
- Drafting Expertise, drafts technical drawings specializing in shipboard Fire and Safety plan for commercial vessels
- Automation; Development of Design Verification and Periodic Test Procedures for shipboard automation systems including the development of Failure Modes and Effect Analysis

Engineer & Government Regulator for United States Coast Guard Sept 1979 to 2008

- 29 plus years experience with U.S. Coast Guard with extensive experience supervising and conducting maintenance on fleet of Coast Guard aids to navigation and search and rescue craft from basic preventative maintenance to major refit and overhaul.
- 15 plus years as Coast Guard regulator (Marine Inspector), conducted safety and security inspection on a wide verity of commercial vessels to ensure public and environmental safety.
- Skilled supervisor: Supervised CG boat repair facility for geographic area covering two states and including 20 vessels of various lengths and operational capabilities. Responsibilities included budgeting, scheduling all major maintenance periods including drydocks, emergency repairs and specification writing/project management for commercial contracting
- Technical expert: Highly proficient mechanic with extensive experience on propulsion engines, hydraulic systems, electrical systems, air conditioning and associated marine related equipment. ABYC Certified electrical and corrosion technician and ABYC certificate on composite boat building

Education

Dominican University 2007 - Present
Working towards BA in Business

University of Phoenix 2001
Associates of Arts Technical Management/Marine Engineering

Santa Barbara City College 1998 - 2001
Mechanical and Architectural Drafting (AutoCAD)

Certificates

ABYC Master Technician 2008
Composite Boat Builder Certification; ABYC 2008 - Present
Marine Corrosion Technician; ABYC 2004 - 2012



Certified Weld Inspector CWI; AWS
Marine Electrical Technician; ABYC

2004 - 2012
2002 - 2017

Informal Training

- Advanced Composite Structures: Fabrication and Damage Repair, ABARIS Training 2013
- American Boat and Yacht Council (ABYC) Electrical Certification Course 2012
- Train the Trainer (GL-Group) 2011
- Approved HazMat Expert Course (GL-Group) 2010
- Rigging Inspection (Tradewinds and Associates) 2009
- Composite Boat Builder Certification; American Boat & Yacht Council (ABYC) 2008
- Maritime Safety Management Systems and Auditing using ISM Code: QMI 2007
- Quality Management Systems Auditor/Senior Auditor; QMI 2006
- ASME boiler & Pressure Vessel Code: Section IX; ASME 2003
- Electrical Safety in the Workplace; NFPA International 2002
- National Electrical Code Seminar NFPA International 2002
- Professional Level Workshop on Boat Repairs; Gougeon Brothers Inc. 2001
- Marine Safety Investigating Officer Course; USCG Yorktown, VA 2000
- Accident Investigation; ABYC 1999
- Metal Corrosion In Boats; ABYC 1999
- Surveying of Wooden Boats; The Wooden Boat School 1999
- Confined Space Safe Practices; Emergency Response Systems 1999
- Surveying of Fiberglass boats; Wooden Boat School 1998
- Inspection of Marine Composites; Capt Franke's Wooden Boat School 1998
- Inspection of Wooden Boats; Capt Franke's Wooden Boat School 1998
- Introduction to Non-Destructive Testing; Hellier NDT Training, Niantic, CT 1997
- Marine Inspector Course; USCG Yorktown, VA 1996
- Total Quality management (TQM) Facilitation Skills 1995
- Executive Leadership; Petaluma, CA 1995
- Shipyard Competent Person; NFPA 1994
- Outboard Motor Maintenance I & II; OMC Service Dept Waukegan, Ill 1993
- Diesel Failure Analysis; Detroit Diesel Training Center 1993
- Refrigeration and Air Conditioning; USCG Yorktown, VA 1991
- Caterpillar Diesel Engines; USCG Yorktown, VA 1989
- Hydraulic Systems & Components; USCG Yorktown, VA 1989
- Stationary Engineering & Steam Plant Operation; Monroe Community College 1988
- 251 ALCO Diesel Engine Maintenance; USCG Yorktown, VA 1983
- Machinery Technician Course; USCG Yorktown, VA 1980