



CAPABILITIES STATEMENT

Servicing vessels throughout the West Coast for over 70 years, Cal Marine Electronics is a leader in maritime navigation and communication systems. We build systems designed for continuous, safe, reliable operation. We work with top manufacturers to design, sell, install, service, and repair equipment for vessels of *all* sizes, from deep sea to go-fast search and rescue.

Core Competencies

Navigation Systems

- Radar and chart plotters (small to ECDIS)
- Sat compass and autopilots
- GPS, AIS, paperless electronic charting systems (ECS)

Marine Communications

- VHF, SSB, sat phone, Land Mobile Radio (LMR)
- Mobile internet and cellular systems
- FCC radio telephony and GMDSS inspections

Differentiators

We are lean, focused, agile and very experienced. We do engineering few small shops can do and deliver at a price large companies cannot compete with.

Past Performance

San Francisco Bay High Speed Ferry (WETA)

Designed and installed full navigation and coms systems, on high-speed ferry. This consisted of Furuno ECDIS-class radars, charting system, sat compass, AIS, VHF, etc. October 2023, \$125K (parts & labor), Water Emergency Transport Authority.

Blue & Gold Fleet

Complete design and upgrade of vessel cellular systems to 5G for 16 vessel fleet. Included designing custom IP68 jbox to connect 11 antenna elements per vessel a complete custom low-loss cables. June 2023, \$85K (parts and labor over entire fleet).

Company Snapshot

Established: 1952 (incorporated 2017)

CAGE: 9MY49

UEI: P6NYZJ17DHL9

Accept Credit and Purchase Cards

Pertinent Codes

NAICS

423690-Navigation inst wholesaler

811210-Navigation inst repair and maint

238210-Communication equipment install

541330-Maritime technology engineering

423410-Cameras merchant wholesalers

517410-Satellite telecom resellers

UNSPSC

25111901-Marine craft communications

25173108-Vehicle navigation systems

25173128-Satellite navigation equipment

43191510-Two-way radios

43221706-Radio antennas

Licenses & Certifications:

FCC GROL: PG000053395

FCC GMDSS: DM00001669

Key Clients



**WATER EMERGENCY
TRANSPORTATION AUTHORITY**





Past Performance (cont.)

San Francisco Police Department (SFPD)

Upgrade SFPD search and rescue fleet to new spec encrypted Automatic Information System to enable cooperation with USCG rescue operations. January 2023, \$25K (parts and labor, fleet of four SAR RIBs).

San Francisco Fire Department (SFPD)

Repair and upgrade of malfunctioning infrared FLIR camera system on heavy pumper fireboat. October 2023, \$4K (parts and labor).

FCC and Global Marine Distress Safety Systems (GMDSS)

We perform ALL FCC inspections and attendant repairs of VHF, MF, Navtex, and EPIRBs of all inspected passenger vessels in the San Francisco Bay Area

Call of the Sea (environmental education vessels)

Rebuild of six entire CAN buses (J1939) of the BAE hybrid electric drives that had continuous errors since first installation (second most complex BAE system in North America). Also replaced failed sensitive internal BMS's in Lithium-ION battery. October 2023, \$12K (parts and labor).



State of the Art to Historic Vessels



Special/Emergency Situations

New vessel corrections: We are called on by vessel owners or operators to diagnose and remediate problems on newly-delivered vessels with equipment has not been correctly installed or completely commissioned by boat builders.

Clearing no-sail situations: we are often called to correct equipment failures that result in USCG no-sails. So

