



The PHOENIX CONSORTIUM:

California Marine Fire Taskforce at The
California Maritime Academy

CALIFORNIA MARINE FIRE FIGHTING CURRICULUM DEVELOPMENT PLAN

PLAN OF ACTION AND MILESTONES

(Version 1.1; Dec 31, 2010)

The California Emergency Management Agency (CalEMA), as chair of the state Emergency Response Training Advisory Council (ERTAC), has recommended the California Maritime Academy, Department of Sponsored Projects and Extended Learning (a campus of the California State University) facilitate statewide efforts to develop a uniform, standard professional training curriculum plan for first responders with Marine Fire Fighting (MFF) responsibilities within the state. The State of California partially funded this project through a Fiscal Year 2009 State Homeland Security Grant awarded to the California Maritime Academy.

COORDINATING MECHANISM:

As a means of providing overall structure and coordination of the effort, a committee that represents the various public and private stakeholders within, or having support responsibility to, the maritime community should be considered. Representatives of the state and local stakeholders will choose the Chair of the committee. Federal agencies will participate in an advisory capacity. A statewide consortium may satisfy the purpose of coordinating efforts and facilitating consensus among various public and private stakeholders within, or having support responsibility to, the maritime community.

The Dean of Sponsored Projects and Extended Learning for the California Maritime Academy or his/her designee shall assume the role of project Secretariat. The California Maritime Academy will administer this role under the operational name of The PHOENIX CONSORTIUM, based at the main campus of the academy located in Vallejo, CA.



GENERAL SCOPE:

Ultimately, MFF Curriculum Plan will identify training subject and performance criteria dealing with all aspects of marine and/or maritime-based fire mitigation. The plan will address MFF for the following areas: small boat marinas, commercial maritime operations (e.g., fishing, tug, workboats, etc), piers, and wharves; offshore platforms; passenger ferries; large transocean and intercoastal commercial freight, liquid bulk, and passenger vessel operations. The activity will begin by establishing an information baseline that documents existing and planned MFF education and training capabilities, and any resultant gaps, or shortfalls. The project will conform to technical and professional guidance provided by the National Fire Academy, the National Fire Protection Association, and other national and international consultative entities.

GOALS AND OBJECTIVES:

The Curriculum Plan Development project should accomplish the following:

1. Engage the Firefighting community statewide to develop a snapshot status of MFF training programs and performance of a basic needs/shortfall analysis.
2. Compare and document the established baseline of existing courses against identified requirements.
3. Develop a plan of resulting required course development.

As an ancillary benefit, we anticipate establishing a state wide collaborative of stakeholders to monitor, guide, and champion the development, and subsequent maintenance of, a comprehensive Maritime Fire Fighting education and training program.

Key Activities:

- Facilitate and support at least three area workshops within the state for the purpose of fact-finding and information sharing on the status of MFF training programs and performance of a basic needs/shortfall analysis.
- Document and establish the following based on outcomes of the workshops and the overall project:
 - Capturing (documenting) existing MFF Training Capacities/Capabilities and who/what owns them (haves)
 - Identifying Required MFF Training Capacities/Capabilities (needs)
 - Identifying training capability deficiencies (deltas)
 - Identifying how to structure the Plan to address deficiencies (fixes)
 - Updating the Plan of Action and Milestones to remedy MFF shortfalls identified along with an estimated time and resources requirements budget. (roadmap)
 - Develop a MFF Curriculum Plan that outlines a cogent statewide MFF training structure for California.

MARINE FIRE TRAINING COMMITTEE:

A Marine Fire Training Committee (MFTC) comprising subject matter experts that represent qualifying agencies will support the curriculum plan development process. Qualifying agencies are the state, emergency planning, and first response communities that directly or through mutual aid agreements, support marine firefighting. Prospective members of the MFTC will include operational level personnel representing, but not necessarily limited to the following:

- Eureka Fire Department (Port of Humboldt);
- Long Beach Fire Department (Port of Long Beach);
- Los Angeles County Fire Department (Port of LA);
- LA Fire Department (Port of LA);
- Newport Beach Fire Department (Marinas);
- Oakland Fire Department (Port of Oakland);
- Orange County Fire Department (Marinas);
- Petrochemical Mutual Aid Organization (PMAO – Representing Marine Oil Terminals) or similar regional mutual aid organization;
- San Diego Fire Department (Port of San Diego);
- San Francisco Fire Department (Port of SF);
- Stockton Fire Department (Port of Stockton)
- The Cal EMA Training and Exercise Branch;
- The California Maritime Academy;
- The California State Fire Marshall (CalFIRE);
- Ventura County Fire Department (Port of Hueneme)
- West Sacramento Fire Department (Port of West Sacramento);

Any qualifying agency may appoint one representative and an alternate to participate in the project. Membership rules and adoption of outcomes and/or findings resultant from the project will be determined by the membership.

TECHNICAL ADVISORY GROUP (TAG):

Federal agencies and agencies not otherwise qualified for membership in the MFTC may participate as advisors as part of the Technical Advisory Group (TAG). Candidates for membership in the TAG may include, but are not limited to the following:

- Military Ocean Terminal Concord;
- National Fire Academy;
- NFPA;
- US Navy Region Southwest (San Diego);
- USCG District 11;

- USCG Sector San Diego;
- USCG Sector LA/LB;
- USCG Sectors San Francisco

REGIONAL ADVISORY GROUPS:

Regional Advisory Groups such as those established in the San Francisco Bay Region (The Marine Fire Fighting Taskforce) and the Los Angeles/Long Beach region are encouraged to join efforts with the MFTC to ensure that a fully organized state wide MFF Curriculum Plan is developed. These regional groups will also participate with and be informed by the local Harbor Safety and Area Maritime Security Committees to assure the widest participation of maritime stakeholders. Representatives from these regional organizations may also represent TAG members within the MFTC.

PROPOSED TIMELINE FOR ACTIVITY COMPLETION:

1. Initial Public Briefing Announcement – SF Bay Region USCG AMSC Meeting – **Tuesday January 11th 2011** (Pier 35, San Francisco, CA)
2. Southern California MFF Workshop – **Tuesday, February 22nd 2011** (0900 – 1200 Hours; Venue TBD)
3. Northern California MFF Workshop – **Monday, March 21st 2011** (0900 – 1200 Hours; Venue TBD)
4. Progress Report – SF Bay Region USCG AMSC – **Tuesday, April 12th 2011** (Pier 35, San Francisco, CA)
5. Central California MFF Workshop – **Monday May 9th 2011** (0900 – 1200 Hours; Venue TBD) – In association with the California Maritime Leadership Symposium, Sacramento, CA
6. MFF Workshop Integration Conference – SF Bay Region – **Tuesday, June 14th 2011** (0900 – 1500 Hours; Cal Maritime, Peachman Hall)
7. Complete Gaps Analysis and Develop/Issue POAM for MFF Curriculum Plan Program – **Thursday, June 30th 2011**
8. Progress Report – SF Bay Region USCG AMSC – **Tuesday, July 12th 2011** (Pier 35, San Francisco, CA)
9. Issue/Circulate First Draft of MFF Curriculum Plan to Stakeholders for 30 Day Comment Period – **Friday, September 2nd 2011**
10. Collect, Review, Analyze and Incorporate INITIAL Stakeholder Comments – **Monday, October 3rd, 2011**
11. Issue/Circulate Final Draft of MFF Curriculum Plan to Stakeholders for 30 Day Comment Period – **Tuesday, November 1st, 2011**
12. Collect, Review, Analyze and incorporate FINAL Stakeholder Comments – **Friday, December 2, 2011**

13. Issue FINAL MFF Curriculum Plan – *Friday, December 16, 2011*

FUNDING:

Funding for this project is limited. Cal Maritime, as the subgrantee, will determine funding priorities. Representatives may be reimbursed for travel and related expenses for attendance at workshops or meetings associated with this program based on need. Reimbursements for labor and/or backfill expenses are not authorized. Cal Maritime will determine and provide procedures for requesting travel reimbursement at a later date.

PROGRAM INQUIRIES:

CAPT Bruce G. Clark, USCGR (ret) – The California Maritime Academy

bclark@csum.edu 707.654.1273

CDR John M. Ostrander, USN/SC (ret) – The California Maritime Academy

jostrander@csum.edu 707.654.1274

DRAFT