



March 14, 2010
Sacramento

Interagency Coordinating Committee(IACC)
Marinas and Recreational Boating Workgroup



Mission Statement

- To provide a standard to the professional diving community in which all services performed underwater are unified in the same practices
- To address current NPS pollution issues, the Clean Water Act, and future environmental concerns
- To provide a single focal point of contact for government agencies, organizations and the community with professional diving services in California

Completed Work



- July 1999 ~ Official legal formation of the CPDA, California Non Profit 501
- May 2000 ~ Authored first 100 page BMP certification manual and industry BMP program modeling California NPSP program
- June 2001 to 2012 ~ Produced 24 BMP certification courses through out California
- Nov 2001 ~ Guest speakers at Marina Recreation Association in Las Vegas

Completed Work Continued

- Jan 2002 ~ Published contributors to California Coastal Commission Clean Marina Guide
- May 2002 ~ Produced first in-water Alternative Hull Coatings demonstration covered by KUSI TV
- June 2002 ~ Became a voting member of the Senate Bill 315 Committee for Environmentally Superior Hull Coatings

Completed Work Continued

- June 2003 ~ Gave public comment at the Regional Water Quality Control Board meeting concerning marinas NPDS permit process
- July 2003 ~ Responsible for altering the recent TMDL report which erroneously identified hull cleaning as contributing over 40% to copper pollution
- Sept 2003 ~ Produced a BMP certification class in partnership with Santa Monica Bay Restoration Foundation in Marina Del Rey

Completed Work Continued

- 2010 Produced BMP certification class in partnership with the City of Newport Beach
- 2010 Produced First BMP class at KKMI boatyard for boatyard and diving personnel
- 2012 Produced BMP class at Keefe Kaplan Maritime Inc. (KKMI) for boatyard, marina, marine retailers, paint manufactures and divers



California Divers Clean Water Story

- 1998 California Non Point Source Program authored by CCC and the SWRCB
- 2000 Approved by the Federal EPA
- Management Measure 4.2e, addressed divers hull cleaning
- 75% of the in-water hulls be cleaned by certified diver
- 95% of the marinas to participate
- 2001 CPDA Divers Certification Class San Diego

Management Measure Category: Marinas and Recreational Boating

Management Measure Title: 4.2E--Boat Cleaning and Maintenance

Management Measure Targeting Level: Primary

Objectives:

1. By the year 2003, develop and establish programs to implement BMPs for underwater hull cleaning and maintenance in 50 percent of marinas in the MBNMS and San Francisco, Morro, Santa Monica, and San Diego Bays.
2. Increase the availability and promote the use of financially feasible hull paints and cleaning materials whose contents are less toxic or that break down to non-toxic levels quickly within the marine environment, and decrease the use and release to State waters of toxic recreational boating hull paints (e.g., TBT and copper-based paints).

Process Element	Actions/ Statements	Lead Agency	Geographic Area	Potential Funding	Performance Measures	Years					Notes	
						98	99	00	01	02		
Implement	<p>Implement short-course hull-cleaning training and certification programs and policies using a 2-tier program based on:</p> <p>Tier 1: Self-certification program approved by SWRCB and CCC with specific targets (e.g., 75 percent of boat cleanings in region done by certified divers after four years);</p> <p>Tier 2: Regional certification (trigger to develop regional certification would be if self-certification program fails to meet identified targets).</p>	RWQCBs (excluding RWQCB 8) or regional entity such as the MBNMS WQPP (coordinate with diver trade associations)	Regionally in State, beginning in San Diego, MBNMS, and SFB NEP	CWA §319 Federal dollars passed through NMSs or NEPs	<p>Training and certification program initiated in 1+ regions</p> <p>95 percent of marinas in above regions certify divers</p> <p>75 percent of boat cleanings in region done by certified divers</p>			x				<p>Recommended by Marina TAC, 12/98 marina stakeholder meeting, and MBNMS WQPP. In addition, a strategy in WQPP Action Plan III (Marinas & Boating) is to initiate a regional certification program.</p>



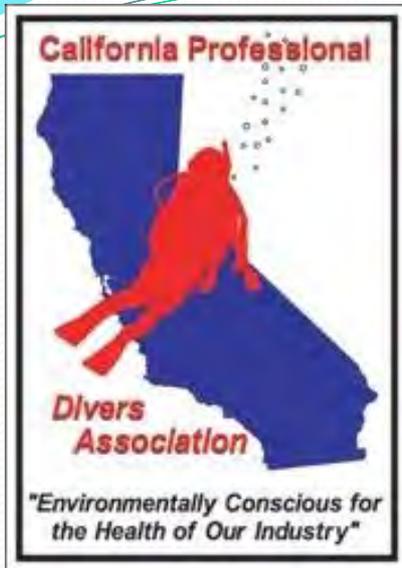
CPDA BMP Program Focus

- Education and Outreach
- Group of Experienced Hull Cleaners and Industry Experts
- CPDA BMPs Scientifically proven to reduce by $\frac{1}{2}$ the discharge of copper
- Classroom Style Training
- Continually Updated Manual and Supporting Reference Material



Training Course

- Clean Water Act
- Boating Pollution
- Bottom Paint
- Invasive Species
- Hull Cleaning BMPs
- Mechanical Cleaning BMPs



Training Goals

- Focus education on prevention or elimination of toxic release
- Transition hull cleaner BMPs to low biocide or alternative coatings
- Adopt regional strategies with local government, environmental groups and stakeholders
- Conforms to state and federal compliance NPS goals and measures



Areas of Training

- San Diego to Dana Point
- Orange County & Los Angeles Coastal Regions
- Santa Barbara
- San Francisco Bay Area



San Diego Region

- 65% of the hull cleaning divers CPDA BMP trained
- San Diego Unified Port District issuing hull cleaners permit, requiring divers to follow BMPs, San Diego has a copper TMDL in Shelter Island
- San Diego has a high concentration of transient hull cleaners and requires frequent training to address new divers



Orange County and Los Angeles

- 5% Hull cleaners exposed to BMPs
- 2003 Produced a Federally Funded Certification class in Marina Del Rey with Santa Monica Bay Restoration Foundation
- City of Newport Beach Funded Certification Course June 26, 2010
- No current BMP requirements in the region, high transient diver populations



Santa Barbara

- 100% of the hull cleaners exposed to CPDA BMPs
- BMP Certification Fully funded by the City of Santa Barbara
- Harbor Police and waterfront authority participation required in BMP education along with hull cleaning companies and divers



San Francisco Bay

- 30% of the hull cleaners CPDA BMP trained
- Largest concentration of boats in California
- Largest CPDA membership, includes boatyards and marina operators
- Primary BMP to reduce abrasive hull cleaning by increasing service frequencies



Training Partners

- UC Seagrant
- Interlux Paints
- Santa Monica Bay Restoration
- Pettit Paints
- West Marine
- Keefe Kaplan Maritime Inc. (KKMI)
- San Diego Maritime Institute
- Various waterfront governments



Questions

California Professional Divers Association

"Environmentally Conscious for the Health of our Industry"

www.prodivers.org

Presented By: Matt Peterson
& Marlan Hoffman- BMP Chairman

E: info@prodivers.org

P: 619-600-4444