

# BOATYARD OPERATORS

## *PERSPECTIVES ON BOAT HULL MAINTENANCE PRACTICES AND FREQUENCY*

SEPTEMBER 11, 2014

### **Host:**

*Charlotte Miyamoto, Los Angeles County Department of Beaches and Harbors,  
Marina del Rey*

### **Speakers:**

- ❖ *Paul Kaplan, Owner, Keefe Kaplan Maritime Inc., Sausalito and Richmond*
- ❖ *Kate Pearson, Dockmaster, Shelter Island Marina, San Diego*
- ❖ *Bill Campbell, Manager, Nielsen Beaumont Marine Inc., San Diego*
- ❖ *Wayne Morrison, Shelter Island Boatyard, San Diego*
- ❖ *Greg Schem, Owner, The BoatYard, Marina del Rey*



# Marina del Rey Harbor





# MdR Toxics Pollutant TMDL

- The 2006 TMDL is being revised.
- On September 9, 2014, the State Water Resources Control Board approved the TMDL revisions. Next it will go to the U.S. EPA.
- The revisions include a new requirement for an 85% reduction of copper leaching from boat hull paints by 2024.
- For MdR, to meet the 85% target, approximately 4,000 boats would need to use non-copper hull paints.

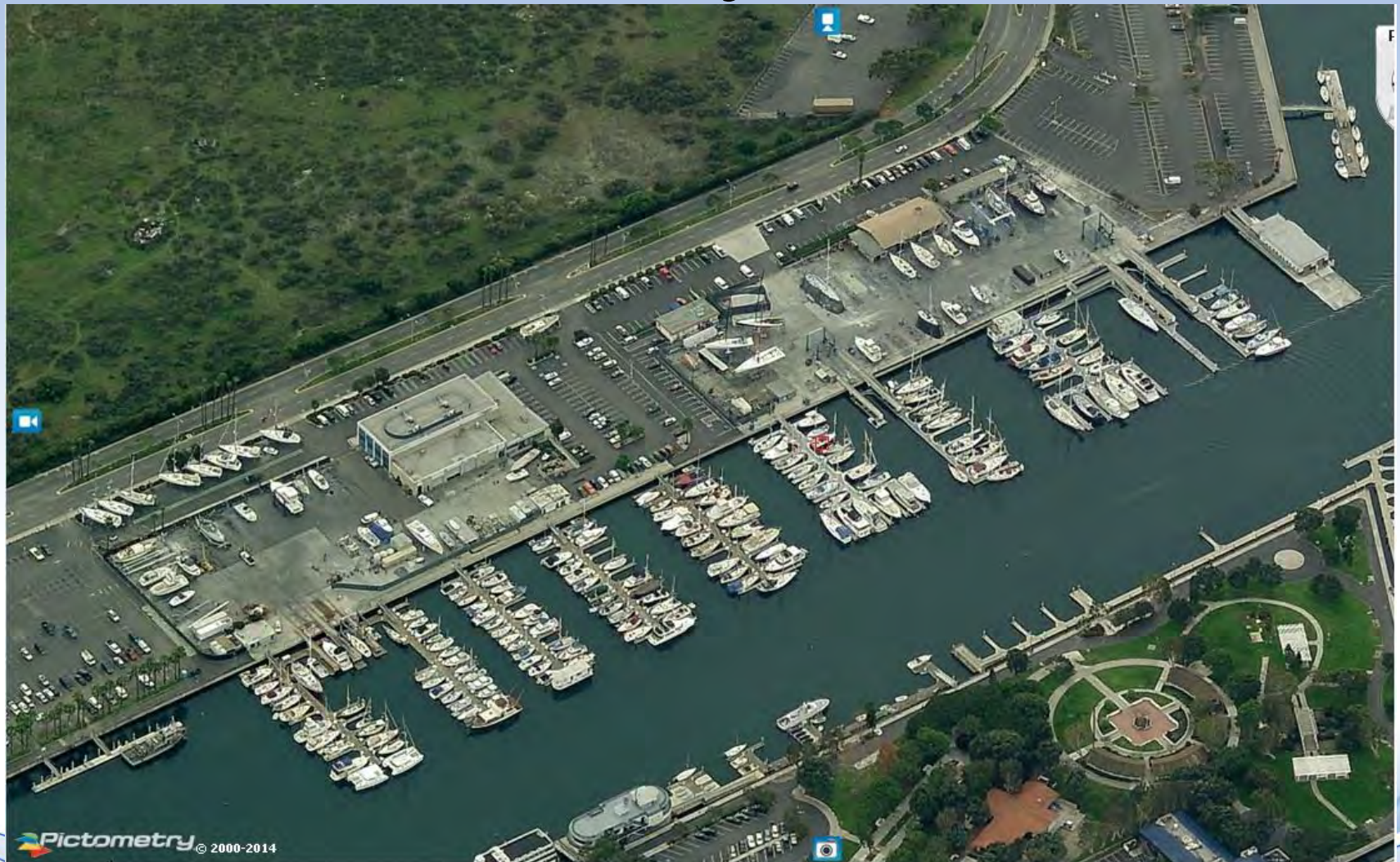


# Changing to Non Copper Paints

- Applying most non copper paints require the existing copper paints to be stripped.
- This work is done at boat yards.
- There are two boat yards in MdR.



# Marina del Rey Boat Yards





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# Questions for Boat Yard Panel

1. *Generally, what's the frequency for repainting boats using the currently popular copper hull paints (every 2 years? 3 years?)?*
2. *For boats using the popular copper paints, what is the typical number of repaintings before hull paint must be stripped AND, how often does the typical boat owner strip his boat?*
3. *What percentage (approximately) of your customers have their boats painted with non-copper biocide and what percentage are non-biocide?*
4. *What is your experience applying non-biocide paints. Is there a certain type of boat more than others (i.e. racing versus recreational?) that ask for non-biocides?*
5. *Are there types of boats where you would not recommend non-biocide paints (i.e. boats that are stationary for long periods of time) and why?*
6. *How often would you expect a boat with a non-biocide paint to require repainting?*
7. *Is there a perception that non-copper paints aren't as effective as copper paints? If so, how might boatyards increase the sale of non-copper paints given that the popular copper paints are legal to use?*
8. *Which of the non-copper paints currently available or under development might be an effective alternative for copper based paints?*
9. *If grants are made available for boaters to switch to non-biocide paints do you expect many to participate? Would you provide a warranty for such paints?*



- *Any additional thoughts or concerns?*

