ENVIRONMENTAL STEWARDSHIP
AT
KOEHLER KRAFT
BOATYARD & MARINA

August 13, 2007
WHY AM I HERE TODAY?

• I am a boater
• Concerned about a clean environment
• Keep boating affordable for Californians
• No financial stake
• Copper paint & TMDLs
KOEHLER KRAFT COMPANY

• Boatyard & marina since 1938
• Building & servicing boats for almost 70 years
KOEPHLER KRAFT’S NEW FACILITY

• $2 Million renovation
• Most environmentally friendly yard in San Diego
• Enclosed 11,000 square foot facility
• Capture contaminants
• Oneida Air Filtration System, purchased 2006
KOEHLEN KRAFT’S NEW FACILITY
ENVIRONMENTAL PRACTICES IN THE YARD

- Required to capture runoff from power washing boats
ENVIRONMENTAL PRACTICES IN THE MARINA

• Koehler Kraft started environmental practices before renovation
• 2002: banned underwater hull cleaning to meet EPA standards
ENVIRONMENTAL PRACTICES IN THE YARD

• Recommend clients not use underwater hull cleaning
• Teamed with Interlux for 12-month customer satisfaction guarantee
• In 5 years, never had a complaint
FROM THE PAINT MANUFACTURER

• Interlux, the leading bottom paint manufacturer, recommends:

“Polishing antifoulings do not need underwater hull cleaning. They must not be scrubbed as the paint can be easily removed and damaged by cleaning.”
CUSTOMERS’ RESPONSES

• Skeptical at first
• 700+ clients have been extremely satisfied
CUSTOMERS’ RESPONSES

• 47ft custom cutter 1971
• TUSITALA
• No diver between haul outs

• Hauled out in
  – September 2005
  – November 2006
ENVIRONMENTAL PRACTICES IN THE MARINA

• On my personal boats:
  – Stopped underwater hull cleaning 29 years ago
  – 50-foot motorsailer: two years since painted
  – No growth on the bottom
ENVIRONMENTAL PRACTICES AROUND THE WORLD

• Australia, Washington State, Europe
  – Effectively banned underwater hull cleaning
  – Must capture and remove debris, biomass or paint particles
COPPER BOTTOM PAINT FACTS

- Copper bottom paint is the only effective and affordable way to:
  - control growth and maintain performance
  - control spread of invasive species

$\$\$\$

COPPER BOTTOM PAINT FACTS

- Banning copper bottom paint will
  - raise the price of boating
  - force many boaters off the water
COPPER BOTTOM PAINT FACTS

• 50-foot boat:
  – Remove copper paint and replace = $8,500
  – Twice monthly cleaning = $1200 - $1800/year
RECOMMENDATIONS

• To achieve Total Maximum Daily Load
  – Banning copper paint is not the answer
  – Must consider cost to boaters, invasive species, no alternatives
RECOMMENDATIONS

• Underwater hull cleaning must change
• If it comes off the boat it has to come out of the water
A KOEHLER KRAFT CUSTOMER

• Scott Demere of OCEAN QUEEN V
• Questions?