Watercraft Inspection Training

California Department of Fish and Game
Conducting Vessel and Equipment Inspections

• What do we start looking for?
• Not just the big ones
Useful Tools Used in Water Craft Inspections

- Watercraft inspection form
- Small inspection mirror
- Flashlight
- Magnifying glass

**Pay special attention to shaded, sheltered, and protected areas which might contain standing water and areas that form ‘edges’ or ‘right angles’.”
Hull
Pontoons
Thru hull fittings
Propulsion systems
Use flashlight to look into prop hub
Intakes
Fasteners
Trim tabs - hinge, top and bottom
Transducer(s), pitot tube
Bilge(s)-
Many boats have more than 1 bilge access
Equipment storage areas
Where to look on trailers

- Light Brackets
- Spring Hangers
- Axle(s)
- Rollers
Decontaminating Process

Requirements for Decontamination

1. Vessel OWNER’S permission
2. Proper location
   Containment area away from drainage
3. Hot water pressure washer
4. Engine flushing equipment
Decontaminating Process

How do we decontaminate vessels?

- Power wash with hot (>140°) water
- Trim tabs - Top and bottom
- Pitot tubes
- Transducers
- Anchors and lines
Decontaminating Process

Power wash with hot (>140°) water
  All trailer components
  Frame
  Lights and license plate holder
  Springs and hangers
  Axles
  Rollers / bunks
  Brakes
Decontaminating Process

How do we decontaminate the cooling system?

- Hot (>140°) flush (preferred method)
- Chemical flush (>6% chlorine solution)

Method the same for hot water or chemical cooling system flush
Decontaminating Process

How do we decontaminate the cooling system?
Decontaminating Process

• The ideal way to clean
  - A good hot water pressure wash system
Decontaminating Process
Decontaminating Process

Some tools we have developed in conjunction with Hydro Engineering for flushing cooling systems and pressure washing boats.
Decontaminating Process

Hydrosite, Callville Bay Marina, Lake Mead, NV
Decontaminating Process

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Hydrosite, Callville Bay Marina, Lake Mead, NV
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Hydrosite, Waweepon Marina, Page, AZ
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Hydrosite, Waweepr Marina, Page, AZ
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Hydrosite, Wawee Marina, Page, AZ
For More Information

Web Resources
- www.dfg.ca.gov/invasives/quaggamussel/
- www.100thMeridian.org
- www.wes.army.mil/el/zebra/zmis/zmishelp.htm
- www.protectyourwaters.net