

Clean Marinas



ASIWPCA

Annual NPS Meeting

New Orleans






November 27-29, 2001

Coastal NPS Program

-  CZARA - 1990
-  Guidance - 1993
-  Marinas & Recreational Boating
-  15 Management Measures







Management Measures

Siting & Design

-  Marina Flushing
-  Water Quality Assessment
-  Habitat Assessment
-  Shoreline Stabilization
-  Stormwater from hull maintenance





Management Measures cont.

Marina Management

-  Fueling station design
-  Sewage facility mgmt/maintenance
-  Solid, liquid & fish waste management
-  Petroleum Control
-  Public Education
-  Boat cleaning/operation

Marina Industry 1992-1997

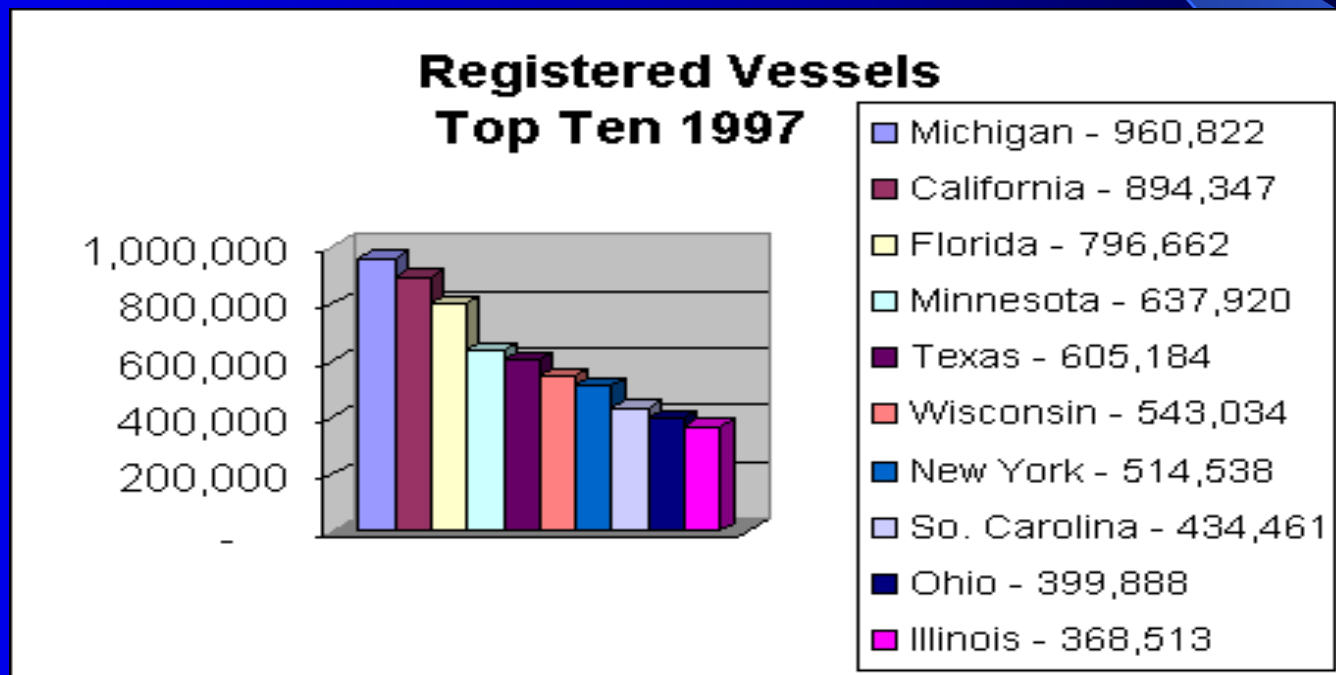
U.S Census Bureau

-  26% increase in number of marinas
-  53% increase in revenue
-  27% increase in employees
-  49% increase in annual payroll

Marina Industry cont.

U.S. Coast Guard

 14% increase in registered boats between 1990 & 1999



6,155,359

Clean Marina Programs 10 Implementing States

 California

 Maryland

 NPS (D.C.)

 South Carolina

 Texas

 Florida

 Massachusetts

 North Carolina

 TVA

 Virginia

Clean Marina Programs

6 In-Progress States

 Connecticut

 Georgia

 New Jersey

 Delaware

 Maine

 New York

Clean Marina Programs







3 Regional Efforts

 Chesapeake Bay – D.C., DE, MD, NJ,
VA

 EPA Region 1 – CT, MA, ME, NH, NY, RI

 Gulf Coast – AL, LA, MS, TX

Common Elements

-  Coastal NPS Program
-  Advisory Committee
-  Guidebook
-  Education (workshops & boat shows)
-  Grant funds
-  Coordination with other programs

Advisory Committee

(18 - 31 members)

-  Environmental group (1)
-  Coast Guard (1)
-  Associations (industry & recreational)
-  Marina Operators (4 – 9)
-  State agency (1 – 12)
-  Sea Grant (1)
-  Other (harbormaster, consultant, local gov't)







Guidebook

- Management
- Petroleum control
- Siting & design
- Sewage/gray water
- Solid/liquid waste
- Stormwater
- Vessel maint.
- Boater education
- Laws
- Appendices






Funding

- 🚤 Section 319 NPS Management Program
- 🚤 Coastal Zone Management Program
- 🚤 Coastal NPS Program
- 🚤 State grant programs
- 🚤 Sea Grant

Coordination

-  Clean Vessel Act
-  Pollution Prevention
-  Existing Trade Association programs
-  Volunteers
-  Section 319 & CZMA
-  Coast Guard education

Other Partners

-  Boat U.S.
-  Marine Environmental Education Foundation (MEEF)
-  Ocean Conservancy (Center for Marine Conservation)
-  States Organization for Boating Access (SOBA)
-  National Clean Boating Campaign

Getting Started

- Identify organizations
- Establish a committee
- Define a purpose & process
- Define “marina” (DE-100 / VA-1000)
- Develop reporting mechanism
- Develop education materials

Getting Started cont.

- ✎ Identify funding (avg = \$75,000/yr)
- ✎ Establish a full-time position
- ✎ Conduct workshops
- ✎ Expect 2-year process
- ✎ Cut and Paste

Benefits

- Multi-program coordination
- Bring marinas into the NPS fold
- Competition among marinas
- Public recognition
- Environmental enhancements
- Smarter boaters
- Approved Coastal NPS Program

Challenges

- Translating into specific water quality improvements
- Finding dedicated committee members
- Funding (base & additional)
- Being creative
- Minimizing “regulatory” perception

Mark Slauter

mslauter@dcr.state.va.us

or

mark.slauter@noaa.gov