



TO GRID
OR
NOT TO GRID

WHAT YOU SHOULD KNOW

CONSIDERATIONS

- NEED
- DESIGN CRITERIA
- COST
- ALTERNATIVES
- PERMITTING

NEED

- DEMAND BY VESSEL LENGTH
- VESSELS SHORTER THAN 26' CAN BE SERVICED ON SHORE

DESIGN CRITERIA

- VESSEL SIZE - LENGTH, WIDTH, TONNAGE
- TIDAL RANGE
- LOCATION
- EXISTING HAULOUT/SERVICE FACILITIES

COST

- VESSEL SIZE
- LOCATION
- MATERIALS – STEEL VS. WOOD

ALTERNATIVES

- TRAVEL LIFT
- HAULOUT
- CRANE LIFT
- PRIVATE FACILITIES

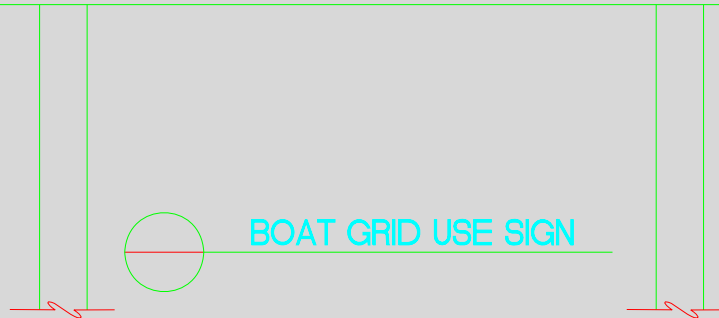
PERMITTING

- *YES*, BOAT GRIDS ARE PERMITTABLE
- ALLOWABLE ACTIVITIES
- BEST MANAGEMENT PRACTICES
- PERMIT CONDITIONS
- SIGNAGE

TYPICAL SIGN

BOAT GRID USE

1. COLLECT AND DISPOSE HAZARDOUS MATERIALS IN DESIGNATED COLLECTION BINS. OBTAIN KEY FROM HARBORMASTER.
2. CONTAIN, COLLECT AND DISPOSE SCRAPED PAINT AND HULL MATERIALS. USE HAZARDOUS WASTE COLLECTION BIN. OBTAIN KEY FROM HARBOR MASTER.
3. SAND BLASTING OF BOAT HULLS IS PROHIBITED.
4. USE SOLID WASTE DISPOSAL CONTAINERS.
5. COLLECT AND DISPOSE WASTE-OIL IN WASTE-OIL COLLECTION CONTAINERS.
6. UPON RELEASE OF PETROLEUM PRODUCTS RESULTING IN VISIBLE SHEEN ON WATER NOTIFY:
HARBORMASTER
ALASKA DEC
USCG
7. CLEANUP SPILLED OIL WITH ABSORBENT MATERIAL AVAILABLE FROM THE HARBORMASTER.



BOAT GRID CONSIDERATIONS

- PROVIDING A NEEDED SERVICE TO YOUR BOATING COMMUNITY
- LIABILITY – PRESENT AND FUTURE

EXAMPLES OF RECENTLY CONSTRUCTED BOAT GRIDS

- WRANGELL BOAT GRID – 1991
- KETCHIKAN - 1999
- PETERSBURG BOAT GRID – 2000
- HOMER – 2000
- KODIAK - 2001

WRANGELL



KETCHIKAN



PETERSBURG



HOMER – BEFORE



HOMER – BACK VIEW



HOMER - FRONT



KODIAK



WHAT NEXT?

- EPA RESOURCES
- AKDEC – ALASKA’S NONPOINT SOURCE POLLUTION STRATEGY
- 1996 RHODE ISLAND EXAMPLE
- 1998 MARYLAND EXAMPLE

EPA RESOURCES

- GUIDANCE SPECIFYING MANAGEMENT MEASURES FOR SOURCES OF NONPOINT POLLUTION IN COASTAL WATERS – CHAP 5
- NATIONAL MANAGEMENT MEASURES GUIDANCE TO CONTROL NONPOINT SOURCE POLLUTION FROM MARINAS AND RECREATIONAL BOATING – 11/2001

AKDEC

- ALASKA'S NONPOINT SOURCE POLLUTION STRATEGY – 9/2000
- NOTE SCHEDULE FOR HARBORS AND MARINAS ACTION PLAN

RHODE ISLAND EXAMPLE

- ENVIRONMENTAL GUIDE FOR MARINAS: CONTROLLING NONPOINT SOURCE AND STORM WATER POLLUTION IN RHODE ISLAND – BEST MANAGEMENT PRACTICES FOR MARINAS - 1996

MARYLAND EXAMPLE

- MARYLAND CLEAN MARINA
GUIDEBOOK – 1998

