

Town of Harpswell **HARBOR PLANNING FORUM**

February 24, 2010

What do we hope to achieve at this Forum?

- **This Forum is an informal event**
- **Discussion on important waterfront topics**
- **Learning and Listening**

Presentation Overview

- **What is a Harbor Plan Anyway!?**
- **Elements of a Harbor Plan**
- **Inventory to Date**
- **Discuss Guiding Principles**
- **Discuss Overarching Waterfront Topics**
- **Review/Discuss 15 Main Harbor Areas**

What is a Harbor Plan Anyway!?

- It is **NOT** a new set of rules
- It is...
 - A tool listing the biggest concerns on our water
 - Chart for future management and use activities
 - A work plan for Harbor Master and H&W Committee
 - Conceptually “wet side” comprehensive plan

Benefits of Having a Harbor Plan

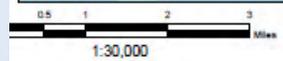
- **Understanding of conditions in harbor areas**
- **Strategy to achieve goals**
- **Plan for future action**
- **Identification of needed technical assistance**
- **Identification of future financial needs**

Key Elements of the Plan

- **Resource Inventory**
- **Public Participation**
- **Issue Identification**
- **Action Plan**

Harpwell Overview

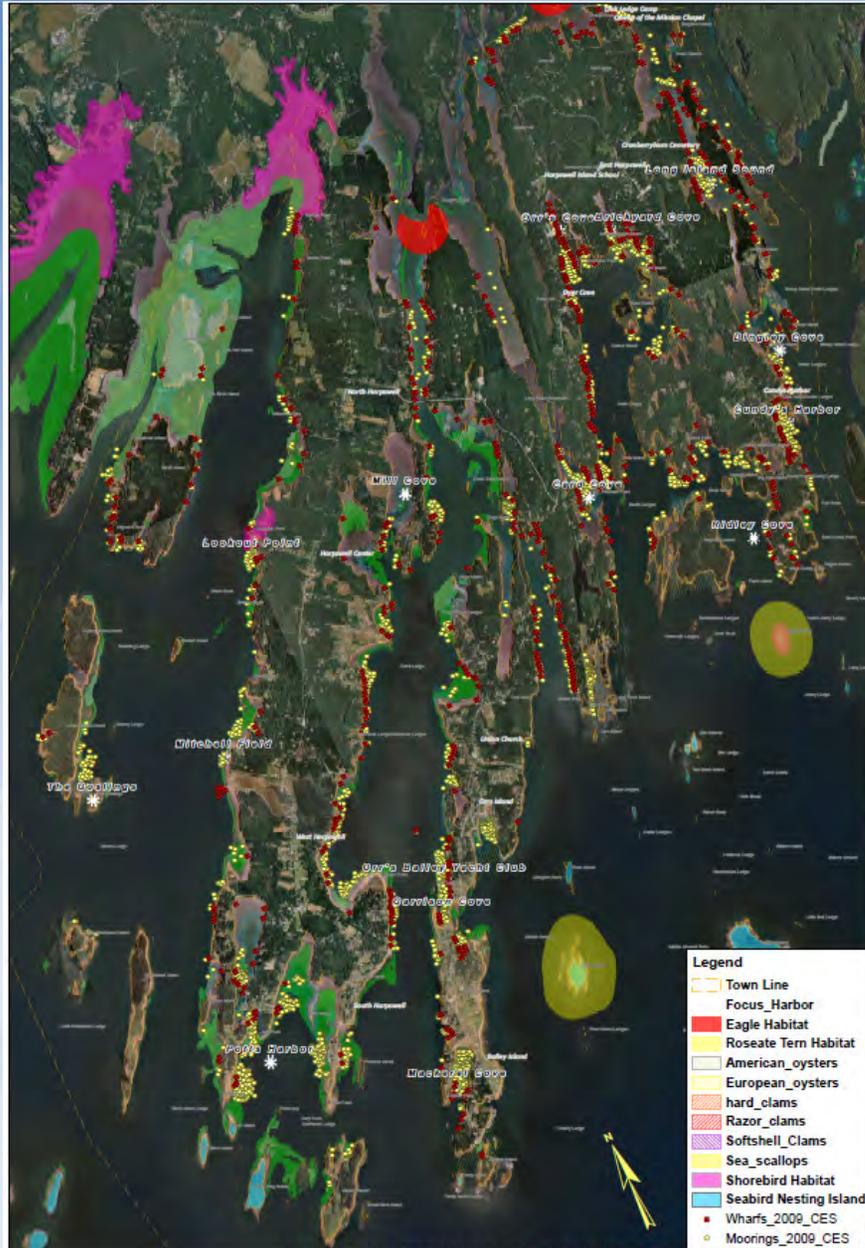
- **218 miles of coast**
- **47 Islands**
- **2500 + Moorings**
- **1 Harbor Master**



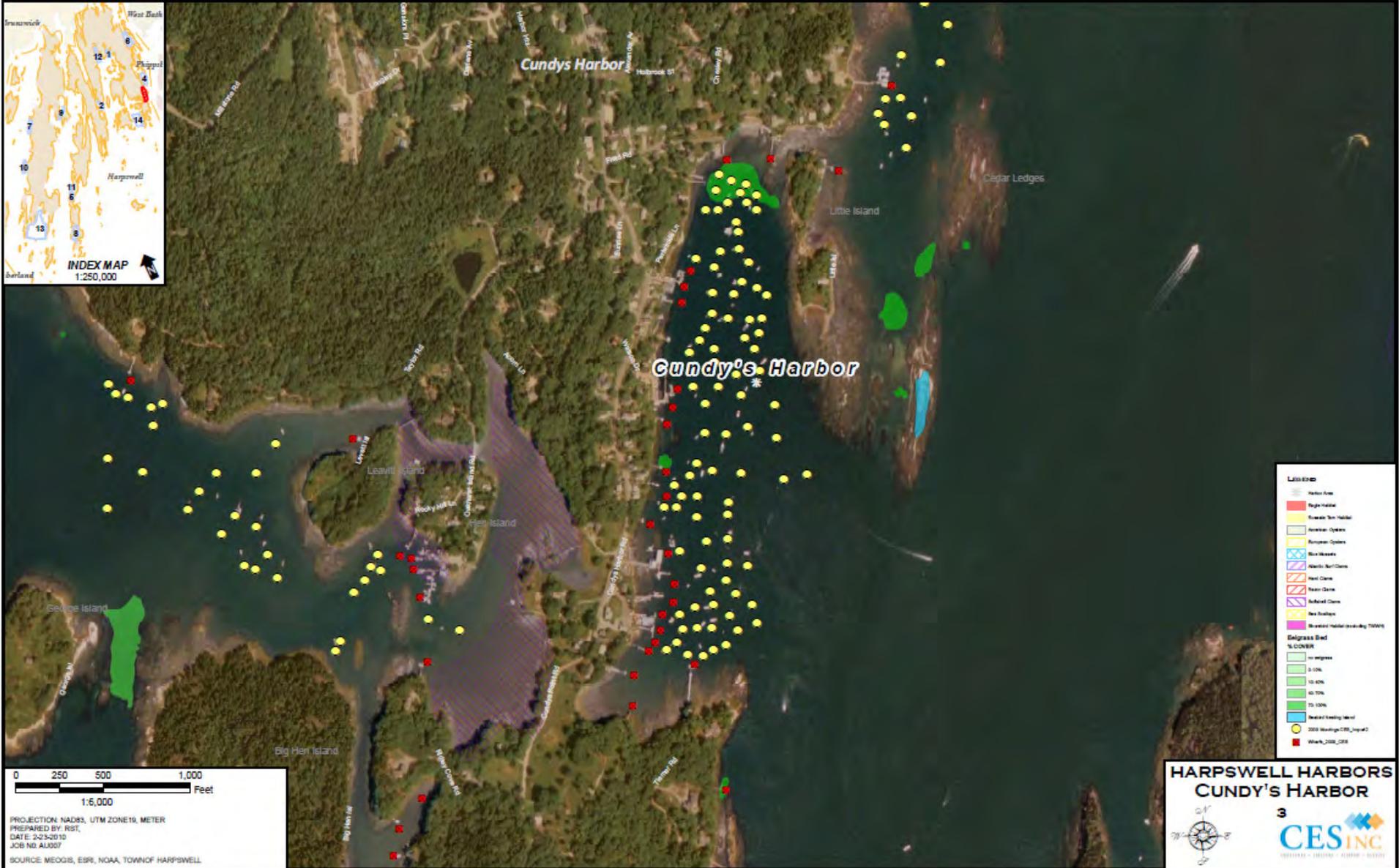
HARBOR BASE MAP
 HARBOR MANAGEMENT PLAN
 TOWN OF HARPSWELL



Source: WISCONSIN, ESRI, Town of Harpswell, NOAA



0 0.5 1 2
 Miles
 1:24,000
HARBOR RESOURCE MAP
 HARBOR MANAGEMENT PLAN
 TOWN OF HARPSWELL
 Source: MECOG, ESRI, Town of Harpswell, NOAA
CES INC
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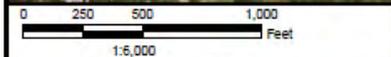
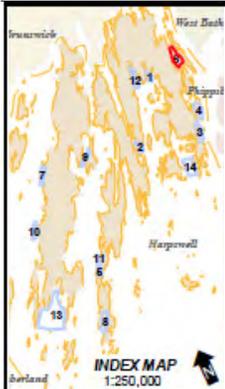
Legend

- Harbor Area
- Depth Marker
- Transfer Trip Marker
- Location Options
- Proposed Options
- Blue Marker
- White Red Circle
- Red Circle
- Blue Circle
- Red Square
- Blue Square
- Seagrass Bed (including TIDAL)
- Seagrass Bed % COVER
- 0-10%
- 10-40%
- 40-70%
- 70-100%
- Depth of Seagrass Bed
- 2004 Sonar/CES_040402
- WMA_2004_CES

0 250 500 1,000 Feet
1:6,000
PROJECTION: NAD83, UTM ZONE 19, METER
PREPARED BY: RST
DATE: 2-23-2010
JOB NO: A0007
SOURCE: MEOGIS, ESRI, NOAA, TOWN OF HARPSWELL

**HARPSWELL HARBORS
CUNDY'S HARBOR**

3
CES INC
ENGINEERING • SURVEYING • PLANNING • SCIENCE



PROJECTION: NAD83, UTM ZONE19, METER
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Legend

- Water Area
- Right Right
- Random Ten Meter
- Random Opener
- Random Opener
- Red Waves
- Water Surf Clans
- Red Clans
- Water Clans
- Subsided Clans
- Red Clans
- Random Ten Meter (using 100M)

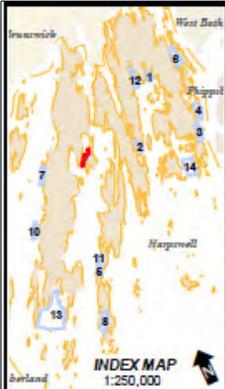
Salgrass Bed % COVER

- 0-10%
- 10-40%
- 40-100%
- 70-100%

Random Ten Meter
 2000 Meters CES_Layout2
 Work_2008_CES

**HARPSWELL HARBORS
 LONG ISLAND SOUND**



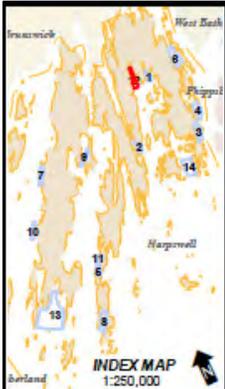


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HARPSWELL HARBORS
 MILL COVE





LEGEND

- Bathymetry
- Riparian Buffer
- Riparian Tree Habitat
- American Sycamore
- American Sycamore
- Blue Heron
- Atlantic Salt Marsh
- Hard Clam
- Rye Grass
- Subtidal Clam
- Sea Turtles
- Shaded Buffer (including TMDL)

Salgrass Bed % COVER

- No Salgrass
- 0-10%
- 10-40%
- 40-70%
- 70-100%

Other Symbols

- 2000 Monitoring Data - Layer 2
- Work 2008, 2009

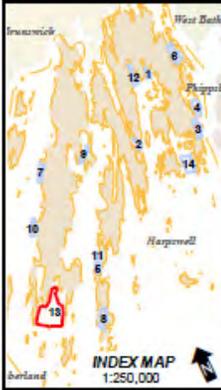
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PROJECTION: NAD83, UTM ZONE 19, METER
PREPARED BY: RST
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HARPSWELL HARBORS
ORR'S COVE

12

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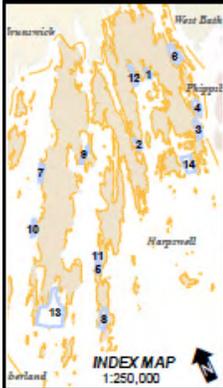
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 PROJECTION: NAD83, UTM ZONE19, METER
 PREPARED BY: RST
 DATE: 2-25-2010
 JOB NO: A0007
 SOURCE: MEOGIS, ESRI, NOAA, TOWN OF HARPSWELL

- LEGEND**
- Harbor Line
 - Right Harbor
 - Rowley Ten Harbor
 - Anemone Opener
 - Anemone Opener
 - Sea Weeds
 - Alkaline Shell Clams
 - Hard Clams
 - Razor Clams
 - Soft-shell Clams
 - Sea Noddies
 - Mackerel Harbor including TOWNS
- Seagrass Bed % COVER**
- no seagrass
 - 0-10%
 - 10-40%
 - 40-70%
 - 70-100%
- Seagrass Bedding Level
- 2008 Seagrass CES_Invest2
- Wreck_2008_CES

**HARPSWELL HARBORS
 POTTS HARBOR**

13

CELEBRATING 10 YEARS OF SERVICE



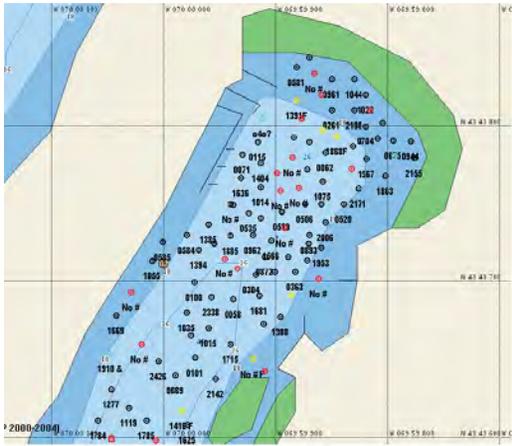
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 JOB NO: AL007

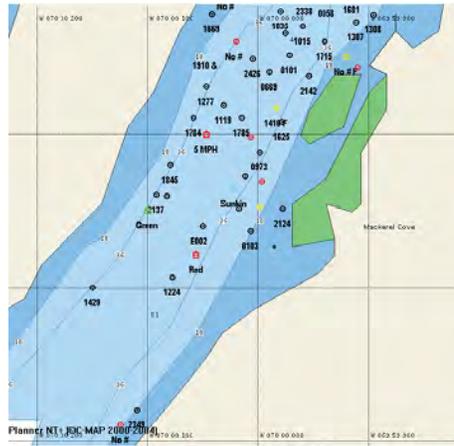
SOURCE: MEOGIS, EBR, NOAA, TOWN OF HARPSWELL

**HARPSWELL HARBORS
 THE GOSLINGS**

15



Mackerel Cove (A)



Mackerel Cove (B)



Goals and Priorities (5 – 10 Years)

- ❖ Address Seasonal Storage of Fishing Gear
 - ❖ Dedicate Seasonal storage areas and timelines for use
- ❖ Mooring Permits
 - ❖ Increase available mooring spaces
- ❖ Commercial Fishing Access
 - ❖ Ensure ordinance provisions for commercial fishing uses



Mackerel Cove
Aerial Photo



Mackerel Cove
Zoning Map

Site Overview

Key Uses

- Commercial Fishing
- Public Access
- Conservation Property
- Residential Uses
- Recreational Boating

MACKEREL COVE
Harpswell, ME
Basic Inventory

Guiding Principles

- **The waterfront is the backbone of the Town**
- **A healthy marine ecosystem is essential**
- **Marine economic activities should be maintained, encouraged and promoted**
- **Balance of uses is important**

Overarching Waterfront Issues

- **Mooring Management**
- **Public Access**
- **Water/Environmental Quality**
- **Commercial Fishing – including aquaculture**
- **Recreational Boating**
- **Boat Building**
- **Homeland Security**
- **Waterfront Management – intersection of water and land**

Harbor Areas

- Long Island Sound
- Dingley Cove
- Cundy's Harbor
- Ridley Cove
- Brickyard Cove
- Orr's Cove
- Card Cove
- Mill Cove
- The Goslings
- Mitchell Field
- Lookout Point
- Potts Harbor
- Orr's Baily Yacht Club
- Garrison Cove
- Mackerel Cove

Next Steps

- **Finalize Resource Inventory**
- **Continue to work on waterfront issues**
- **Develop Harbor Specific Goals**
- **Continue Public Process**