• Key aspects of Revised Draft Framework
• Overview of MPA analysis
What will the National System do?

• Establish national goals and objectives
  • for natural heritage, cultural heritage and sustainable production
• Ensure a comparable set of information about MPAs across the nation
• Provide regional coordination of existing MPAs
  • Identifies common science and stewardship priorities
• Provide tools and technical assistance to enhance stewardship
• Conduct regional gap analyses to identify priority areas for new or enhanced MPAs
• Evaluate and adaptively manage
The National System Framework: Where are we now?

- **2005-2006**
  - Nation-wide meetings to gather input for the draft Framework
  - Development of draft Framework document

- **Sept. 2006 – Feb. 2007**
  - 1st Draft

- **2007**
  - Revise draft Framework and develop responses to public comments

- **March-April 2008**
  - 2nd Draft

- **Summer 2008**
  - Final Framework
  - Begin nomination of existing MPAs in late 2008

“FAC” = MPA Federal Advisory Committee

You are here!
Draft Framework Comments

- Five month comment period ended Feb. 28, 2007
- Over 11,000 submissions, representing over 100 individual comments:
  - State and tribal governments
  - Conservation and industry organizations
  - Private individuals
  - Commercial and rec fishers/industry
  - FAC and members
  - Fishery councils and commissions
  - Academia
  - Other
- Add’tl advice from MPA FAC
Big Picture Issues Raised

- **Scope of the system**
  - attempting to achieve all encompassing goals/objectives, all at once
  - little to no prioritization

- **Size of the system**
  - large number of eligible MPAs could render the system ineffective
  - Inclusiveness is, however, important

- **Stronger emphasis on identifying and filling gaps (new areas) in addition to existing sites**

- **Better process for identifying and providing support to participating MPA programs**

- **Overall simplification**
MPA FAC Input to Draft Framework

- February 2007
  - 22 recommendations on Draft Framework

- April 2007: Recommendations to address the size and scope of the national system
  - Priority conservation objectives
  - Management plan criteria
  - National system categories of MPAs

- October 2007: Recommendations on nomination process
Major Revisions in Revised Draft

1. Simplified document
2. Process for building the system over time
3. Additional MPA eligibility criteria
   • Priority conservation objectives
   • Management plan criteria
4. Clearer process for identifying conservation gaps
5. Process for implementing the system
   • New national system MPA categories for analysis and communication
   • National system planning and implementation principles
   • Clearer description of system benefits
   • Clearer process for developing regional science and technical support priorities
### Priority Conservation Objectives: Natural Heritage Goal

**Goal 1:** Advance comprehensive conservation and management of the nation’s significant natural heritage marine resources through ecosystem-based MPA approaches.

<table>
<thead>
<tr>
<th>Priority Conservation Objectives for Goal 1</th>
<th>Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conserve and manage key reproduction areas and nursery grounds</td>
<td>Near Term</td>
</tr>
<tr>
<td>Conserve key biogenic habitats</td>
<td></td>
</tr>
<tr>
<td>Conserve and manage areas of high species and/or habitat diversity</td>
<td></td>
</tr>
<tr>
<td>Conserve ecologically important geological features + enduring/recurring oceanographic features</td>
<td></td>
</tr>
<tr>
<td>Conserve critical habitat of threatened and endangered species</td>
<td></td>
</tr>
<tr>
<td>Conserve and manage unique or rare species, habitats and associated communities</td>
<td>Mid Term</td>
</tr>
<tr>
<td>Conserve and manage key areas for migratory species</td>
<td></td>
</tr>
<tr>
<td>Conserve linked areas important to life histories</td>
<td></td>
</tr>
<tr>
<td>Conserve key areas that provide compatible opportunities for education and research</td>
<td>Long Term</td>
</tr>
</tbody>
</table>
Management Plan Criteria

- FAC recommended sites have a management plan as a criteria for the national system
  - Allows for community based management
  - Allows for case-by-case evaluation
Management Plan Criteria

• MPA Center has refined management plan criteria based on inventory analysis
  – Allowable scales of plans:
    • MPA Site-specific management plan,
    • MPA programmatic management plan,
    • Other Programmatic management plan (e.g., FMPs), or
    • Verbal or written community agreement
  – Necessary components
    • Specified conservation goals
    • Monitoring and evaluation of goals
Marine Managed Areas => MPAs

• MMAs – more inclusive set of areas set aside for conservation
  – Term created to ensure an inclusive approach while MPA criteria were still being developed
  – MMA Inventory: ~3,000 sites

• MPAs – criteria set out in Revised Draft Framework
  – Main difference: MPAs intended to be permanent
  – MPA Inventory: ~1,800 sites

Not All MPAs will be in the National System
Process for Building the System Over Time

MPA Inventory

Sites that meet Priority Conservation Objective

Regional efforts to identify gaps in protection

Sites that have a management plan

Included in National System

Strengthened existing sites or newly established MPAs
Nomination Process

MPA Center identifies eligible sites and invites agencies to nominate

Managing agencies nominate sites

Public notice and comment

Agencies review comments; submit final nominations

MPA Center accepts site into National System; places on official List
Implementing the National System

**Enhancing national and regional coordination**

- Improving MPA stewardship and effectiveness
  - MPA Stewardship, Science and Effectiveness Strategies
- Regional MPA planning
  - Gap analysis, resource characterization, human use analysis
- National and international coordination
- Evaluating national system effectiveness
- Federal agency responsibilities to avoid harm
Timeline for Implementing the National System

March-May 2008
2nd Draft

Summer 2008
Final Framework

Fall 2008
Pilot regional science workshops – identify existing MPAs eligible for national System. Consult with MPA programs to invite nominations.

Late 2008
First MPAs become part of national system.

2009
Science workshops and nominations continue in additional regions.
National system expands.

Information informs future gap analysis

You are here!
Current National Picture of MPAs

- ~1800 MPAs in U.S. waters

- Hundreds of federal, state and local MPA authorities

- About 1/3 of US EEZ in some form of MPA

- Majority allow multiple uses (>97% of MPA area)

- Few prohibit all extractive activities (<3% of MPA area); no take MPAs are typically very small

- Federal programs manage most area; states manage most sites
Extent of No Take Areas Nationally

- With new Marine National Monument = 3% no take
- In other regions > 1%
Extent of No Take Areas on the West Coast

Total area in some type of MPA

Cumulative area of no take MPAs
A National System of MPAs, collaboratively conserving the nation’s…

Natural Heritage,

Sustainable Production, and

Cultural Heritage.
**Priority Conservation Objectives:**

**Cultural Heritage Goal**

**Goal 2:** Advance comprehensive conservation and management of cultural resources that reflect the nation's maritime history and traditional cultural connections to the sea, as well as the uses and values they provide to this and future generations through ecosystem-based MPA approaches.

<table>
<thead>
<tr>
<th>Priority Conservation Objectives for Goal 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Conserve key cultural and historic resources listed on the National Register of Historic Places (NRHP)</td>
<td>Near Term</td>
</tr>
<tr>
<td>Conserve key cultural historic resources determined eligible for the NRHP or listed on a State Register</td>
<td>Near Term</td>
</tr>
<tr>
<td>Conserve key cultural sites that are paramount to a culture's identity and/or survival</td>
<td>Mid Term</td>
</tr>
<tr>
<td>Conserve key cultural and historic sites that may be threatened</td>
<td>Mid Term</td>
</tr>
<tr>
<td>Conserve key cultural and historic sites that can be utilized for heritage tourism</td>
<td>Long Term</td>
</tr>
<tr>
<td>Conserve key cultural and historic sites that are under-represented</td>
<td>Long Term</td>
</tr>
</tbody>
</table>
Priority Conservation Objectives: Sustainable Production Goal

**Goal 3:** Advance comprehensive conservation and management of the nation’s renewable living resources and their habitats, including, but not limited to, spawning, mating, and nursery grounds, and areas established to minimize incidental by-catch of species, that are important to the nation’s social, economic, and cultural well-being through ecosystem-based MPA approaches.

<table>
<thead>
<tr>
<th>Priority Conservation Objectives for Goal 3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Conserve and manage key reproduction areas, including larval sources and nursery grounds</td>
<td>Near Term</td>
</tr>
<tr>
<td>Conserve key areas that sustain or restore high priority fishing grounds</td>
<td></td>
</tr>
<tr>
<td>Conserve and manage key areas for maintaining natural age/sex structure of important harvestable species</td>
<td>Mid Term</td>
</tr>
<tr>
<td>Conserve key foraging grounds</td>
<td></td>
</tr>
<tr>
<td>Conserve and manage key areas that mitigate the impacts of bycatch</td>
<td></td>
</tr>
<tr>
<td>Conserve key areas that provide compatible opportunities for education and research</td>
<td>Long Term</td>
</tr>
</tbody>
</table>