



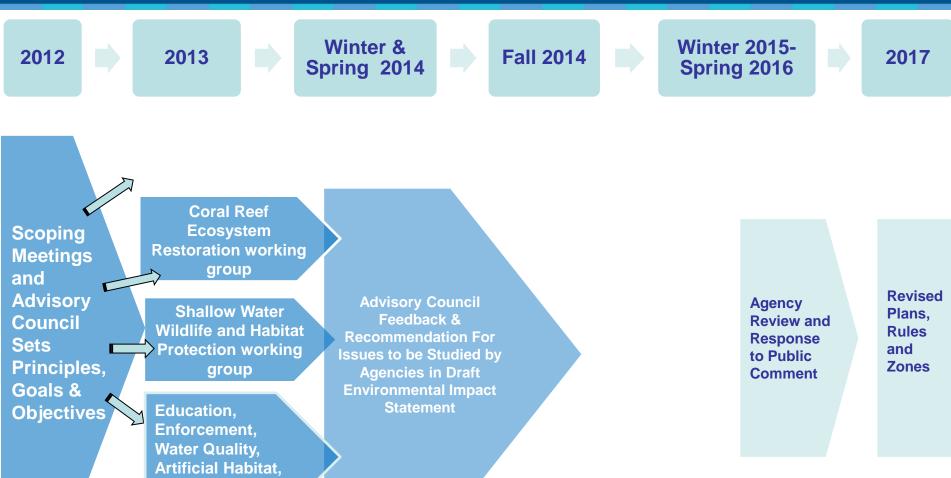
Marine Zoning and Regulatory Review: Alternatives Development Process

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Marine Zoning and Regulatory Review Timeline

Permitting,





Looking Ahead – Overall Next Steps



- ✓ Advisory Council Feedback & Recommendation for NOAA/FWS
- NOAA/FWS develops range of regulatory and zoning alternatives based on scoping comments, Advisory Council recommendations and input, and other agency input.
- Proposed Alternatives and Analysis released in a Draft Environmental Impact Statement
- NOAA/FWS Prepare Response to Public Comments and Draft Regulatory Changes
- Proposed Actions and Analysis released in a Final Environmental Impact Statement
- Revised Rules and Marine Zones

Draft Alternatives Development and Environmental / Economic Analysis



- Staff develops <u>range of regulatory and zoning alternatives</u> based on scoping comments, Advisory Council recommendations and input, and agency input.
- Alternative development includes <u>coordination amongst</u> <u>agencies</u> looking at feasibility, enforceability, administrative requirements, cost, legality, etc.
- Staff analyzes <u>environmental / economic benefits and impacts</u> of each alternative

Advisory Council Work-Plan



- Shallow Water Wildlife and Habitat Protection
- 2. Coral Reef Ecosystem Restoration
- 3. Ecosystem Protection: Ecological Reserves / Preservation Areas and Wildlife Protection
- 4. Permit Procedures and Adaptive Management
- Artificial Habitats
- 6. Boundary Modification
- 7. Personal Water Craft Tours / Fishing Conflicts
- 8. Water Quality
- 9. Fishery Management Coordination

Programmatic Work-Plan Items – Non-Regulatory Strategies & Actions



- 1. Shallow Water Wildlife and Habitat Protection
- 2. Coral Reef Ecosystem Restoration
- 3. Ecosystem Protection: Ecological Reserves / Preservation Areas and Wildlife Protection
- 4. Permit Procedures and Adaptive Management
- 5. Artificial Habitats
- 6. Boundary Modification
- 7. Personal Water Craft Tours / Fishing Conflicts
- 8. Water Quality
- 9. Fishery Management Coordination

Regulatory Work-Plan Items



- 1. Shallow Water Wildlife and Habitat Protection
 - Towing and Salvage Operations
- 2. Coral Reef Ecosystem Restoration
- 3. <u>Ecosystem Protection: Ecological Reserves / Preservation</u>
 <u>Areas and Wildlife Protection</u>
- 4. Permit Procedures and Adaptive Management
- Artificial Habitats
- 6. Boundary Modification
- 7. Personal Water Craft Tours / Fishing Conflicts
- 8. Water Quality
- 9. Fishery Management Coordination

Spatial Options Proposed through Working Group & SAC Review



Advisory Council requested analysis of the following:

- Shallow Water Wildlife and Habitat Protection:
 - o Eliminate: 2
 - Status Quo: 7
 - o Modify: 19
 - New: 24 proposed by working group; 1 proposed by SAC
- Ecosystem Protection:
 - o Modify: 11
 - Modify: Sanctuary Boundary
 - New: 7 proposed by working group; 1 proposed by SAC
 - Remove: exception for catch and release by trolling in 4
 SPAs where it is currently allowed

Draft Alternatives Development Process: Staff and Partner Agency Review





Advisory Council Goals

- Reduce Stressors
 - from human activities by establishing areas that restrict access to sensitive wildlife populations and habitats (SAC Goal A.1)
- Minimize Conflicting and Heavy Concentration of Use (SAC Goal B.1 & B.2)
- Protect Large Contiguous Habitats (SAC Goals A, A.2, A.3 & A.4)
- Facilitate Research
 - Provide undisturbed monitoring sites for research and control sites to help determine the effects of human activities (SAC Goal B.3).
- Protect Resources and Allow Use (SAC Goal B)
 - Achieve a vibrant ecologically sustainable ecosystem and economy (SAC Goal B.4)

Draft Alternatives Development Process: Staff and Partner Agency Review





Advisory Council Principles

- Bordering and overlapping marine management regimes should be considered
 - *Compatible with National Wildlife Refuge purposes and wilderness designation.
- Temporal zoning should be considered as a tool.
- Each habitat type should be represented in a non-extractive marine zone in each of the biogeographically distinct subregions of the Florida Keys.
- Information on resilient reef areas that can serve as refugia
- Size, cumulative total area, and spatial relationship of marine zones matter greatly in achieving resource protection in FKNMS