

Summary of 2022 Restoration Blueprint

Legend:

- ✓ Checkmarks denote that SAB voting matches Blueprint updates.
- Minuses denote that SAB voting was lower than Blueprint.
- Ø Zero's denote that Sanctuary dropped this issue in the new Blueprint.

Alt parentheses denote what alternative was chosen out of how many, and whether it was the preferred alt. P denotes the Preferred alternative from Version 1 Blueprint. If no P is provided, there was no preference.

Modifications to Sanctuary Boundary

- ✓ Area to Be Avoided
- ✓ Tortugas South Conservation Area
- ✓ Pulley Ridge

Sanctuary Wide Regulations

- ✓ Cruise ship Discharge: Cooling Water Only
- ✓ Historical Resources Permit Categories: Aligns Sanctuary and State regs. Creates one permit.
- ✓ Fish Feeding: Aligns w State Regs: No feeding/attracting from boat or diving. Chumming different.
- ✓ Deserted Vessels: Aligns with State Regs: Cannot anchor, moor or occupy a vessel at risk of becoming derelict, nor desert a vessel aground, at anchor or adrift in the Sanct. Cannot leave harmful material behind.
- ✓ Vessel Grounding & Salvage: Align with State Regs: 24 hour notice, 72 hour plan
- ✓ Large Vessel Mooring Bouys: Over 65' use large bouys.
- ✓ Mooring Bouys: Req'd in SPAs, Restoration areas and CA's (no anchor zones)
- Temporary Regs for Emergencies"
(Higher): Six-months plus Six-month extension. Procedures & Comments still required.
- Ø Live Rock (dropped)
- Ø Shoreline Slow Speed (dropped))
- Ø Overnight Use of Mooring Bouys (dropped)

Marine Zones & Regulations

1. Sanctuary Preservation Areas (SPAs):
No Anchoring, No fishing/taking, no discharge.
 - a. Marquesas: Sand Key: No anchor; *no trolling*. (P: Alt 3/4)
 - b. Marquesas: Eastern Dry Rocks: Mission Iconic Reef site, no anchor. Dropped idle. (Alt 1+/4)
 - c. Lower Keys: Newfound Harbor: Mission Iconic Reef Site; no anchor. Dropped idle. (Alt 1+)
 - d. Lower Keys: Looe Key: Mission Iconic Reef site, no anchor, Dropped idle. (Alt 1+)
 - e. Tortugas: Tortugas Corridor SPA (dropped Alt 0/3)
 - f. Marquesas: Rock Key: Eliminate SPA b/c no coral, keep moorings (Alt -1/4)
2. Conservation Areas (CAs):
No discharge, no fishing/taking, no anchoring; continuous transit**
 - a. Lower: Eastern Sambo: Title change only from special use to CA (Alt 1)
 - b. Lower: Western Sambo: Extended by 1 square mile, 1/3 area now no anchor, Title change from Ecological Reserve to CA. (Alt 1+/2,4)

- c. Lower: Looe Key: Dropped Special Use area, added Restoration area. Moved 1 no transit zone and added 1 new no transit zone. (Alt 1+)
- d. Western Dry Rocks: New, became WMA instead of CA. (N/A)
- e. Tortugas: Tortugas North: Title change from Ecological Reserve to CA. Earlier access permits allowed.
- f. Tortugas: Tortugas South Conservation Area: Title change from Ecological Reserve to CA. Extend zone by 1 mile (18 sq miles) to the west to include Rileys Hump.

3. Habitat Restoration Areas (RAs) – Same rules as SPAs. None in Lower Keys

4. Nursery Restoration Areas (NAs) – Same as SPAs plus no stopping. All proposed new zone type.

- a. Lower Keys: Looe Key East Nursery: New, Existing Nursery
- b. Lower Keys: Looe Key West Nursery: New, Existing Nursery
- c. Lower Keys: Marker 32 Nursery: New
- d. Marquesas: Sand Key Nursery: New

5. Wildlife Management Areas (WMAs)

a. Lower:

- i. Upper Harbor Flats (Alt 4 of 4)
& East Content Keys (P: Alt 3 of 4)
- ii. West Content Keys (P: Alt 3 of 4)
- iii. Little Pine Key Mangrove (P: Alt 3 of 4)
- iv. Horseshoe Keys (P: Alt 3 of 4)
- v. Torch Key Mangroves (P: Alt 3 of 4)
- vi. Howe Key Mangrove (P: Alt 3 of 4)
- vii. Crane Key (P: Alt 3 / 4)
- viii. Pelican Shoal (Alt 3 / 2)
- ix. Happy Jack Key (P: 3<4)
- x. East Bahia Honda Key (Alt 2 of 4)
- xi. Water Key Mangrove (Alt 2 of 4)
- xii. East Harbor and Lower Harbor Keys Key (2<4)
- xiii. Snipe Keys (Alt 2 of 4)
- xiv. Northeast Tarpon Belly (Alt 2 of 4)
- xv. Bay Keys (Alt 2<4)
- xvi. Cayo Aqua Keys (1<4)
- xvii. Sawyer Key (Status Quo: Alt 1 of 2)
- xviii. Demolition Key (0<4) dropped
- xix. West Bahia Honda Key (0 of 4) dropped
- xx. Mud Keys (-1<4)
- xxi. Marvin Key, southern flats (-1 of 4)
- xxii. Barracuda Keys (-1<4)
- xxiii. Key Lois and Loggerhead Basin: Dropped (alt -1 / 2)
- xxiv. Little Crane Key (-1 of 4)

b. Marquesas:

- i. Western Dry Rocks: New. Transit only and No Anchor 4/1-7/1 (Alt4+)
- ii. Cottrell Key: No entry (P: Alt 3/4)
- iii. Little Mullet Key: No entry (P: Alt 3/4)
- iv. Woman Key: Increased no entry to 100 yards. (P: Alt 3/4)
- v. Boca Grande: Increased no entry to 100 yards. (P: Alt 3/4)
- vi. Archer Key: No anchor. (Alt2<3p,4)

- vii. Big Mullet Key: No Motor (Alt 0<3p,4)
 - viii. Ballast & Man Key Flats (West Barracouta Flats): Idle speed w cut (Alt 1+ < 2)
 - ix. Marquesas Keys: Denied 53 acres of eastern no entry. (Alt 1+/3)
 - x. Marquesas Keys Turtle: New. Reduced 5.8 acres Idle speed. (Alt 1+/3)
 - xi. Boca Grande to Woman Key Shallow Bank: Dropped (Alt 0/4)
 - xii. Wilma Key: Dropped (Alt 0/4)
 - xiii. East Barracouta Key Flats: Dropped (Alt -1 < 2)
 - c. Tortugas: Tortugas Bank: No changes.
 - d. Pulley Ridge: Create 259 sq miles of no anchor zone. Align with GoM Fishery Council Area of Particular Concern. (Alt 2/2)
6. Management Areas and National Wildlife Refuges:
- a. Lower: Great White Heron NWR: Status Quo (No alternatives provided)
 - b. Marquesas: Key West NWR: Allows jetski transit through NWS to access channel. (Alt 2/2)

Draft Management Plan

A) NEW: Priority Management Themes:

- 1) Management Effectiveness / Adaptive Management
- 2) Water Quality (new)
- 3) Restoration
- 4) Visitor Use Management
- 5) Enforcement
- 6) Stewardship & Engagement

B) Vision & Mission: Refined, less wordy.

C) Goals: All 5 main goals stayed the same

Goal #1) Improve understanding of Natural Resources

- Obj 1.1 Assess State of Science and Direct Future Research
 - NEW: Zone related strategies (1.1.3)
 - DROPPED: Living classrooms
- Obj 1.2 Enhance Understanding, Mgmt, and Interpretation of Historical Resources
 - DROPPED: Section 106 Programmatic Agreement (may be complete?)
- Obj 1.3 ID and Track Socioeconomic Value and Ecosystem Services

Goal #2) Improve Condition of Natural Resources

- Obj 2.1 Water Quality: Demonstrate Greater Leadership w Partners to address WQ issues
 - Activity 2.1.1: ADDED: Assist with prioritization of WQ issues.
 - Activity 2.1.4: ADDED: Recommend...*technologies, monitoring, data analysis, mgmt decisions.*
 - Activity 2.1.6: ADDED: ID Steps/Solutions...*Ed/Outreach, Engagement, Partnerships, Technologies, Restoration.*
 - Activity 2.1.7: NEW: Develop and Implement a Communication Strategy on WQ importance.
ISSUE: What does funding streams have to do with a communication strategy?
- Obj 2.2 Habitat: Evaluate, Monitor and Develop Plans
 - Activity 2.2.4: ADDED: Evaluate and Update the Damage Assessment and Restoration Program
 - Activity 2.2.5: DROPPED: Specific partner names.
 - Activity 2.2.6: ADDED: *Support and Facilitate...ecological restoration techniques.*
 - Activity 2.2.8: ADDED: Habitat Restoration Plan for... *a range of habitats and species. Consider Resist-Accept-Direct framework.*

Activity 2.2.9: NEW: Leadership and Support for Mission Iconic Reefs
Obj 2.3 Living Marine Resources: Improve Condition and Diversity
Activity 2.3.2: ADDED: Recommend and Implement Management Measures.

Goal #3) Reduce Threats and Manage Human Uses

Obj 3.1 Identify and Monitor Human Uses and Impacts
Activity 3.1.1: DROPPED: Summary Reports and Partner list (implied)
Activity 3.1.2: NEW: Evaluate how Large Vessel Bouy and SPA No Anchoring regs address damage.
DROPPED: 2019 Activity 2: Consider addressing concentrated uses and limited use areas.
Obj 3.2 Reduce Adverse Impacts to Species and Habitats
Activity 3.2.2: DROPPED Emergency aspects (already addressed)
Activity 3.2.5: NEW: Clarify traditional fishing activities & develop evaluation process for new.
DROPPED: 2019 Activity 3: Damage Assessment Remediation & Restoration Program (DARRP)
Obj 3.3 Facilitate and Manage Human Use
REWORDED: All Activities changed from bullets to paragraphs, some run-ons split.

Goal #4) Increase Awareness and Stewardship of FKNMS

Obj 4.1 Implement Communication, Interpretation and Education Programming
Obj 4.2 Maintain and Enhance Partner Engagement
DROPPED: 2019 Objective 1: Strengthen and Enhance Strategic Communication/Outreach

Goal #5) Advance and Support Collaborative and Coordinated Management

Obj 5.1 ADDED: Improve Operational Capabilities, Efficiency and Effectiveness *including maintaining and acquiring the infrastructure required to accomplish the mission and goals specified.*
DROPPED: 2019 Activity 2: Build internal capacity through training and professional devt
DROPPED: 2019 Activity 3: Review and streamline business and administrative operations.
Obj 5.2 Annually Develop Operating Plans...
Obj 5.3 Maintain and Strengthen Cooperative Mgmt w Partners
Activity 5.3.1: UPDATE: Evaluate Coop Mgmt Agreement Effectiveness; Update
Activity 5.3.3: ADDED: National historic Preservation Act Section 106 responsibilities and Tribe consultation on archeological permits.
Activity 5.3.4: NEW: Work with Department of Defense through NAS-KW on changing activities.
Activity 5.3.5: ADDED: Strengthen Partnerships with *individual* Keys municipalities *to further sanctuary resource protection through the individual mandates and authorities of those jurisdictions.*

Local Issues

Bait fishing area lost with 100-yard boundary expansion at Boca Grande.
Fish Feeding for non-fishing reasons.