

Office of National Marine Sanctuaries
National Oceanic and Atmospheric Administration

FLORIDA KEYS NATIONAL MARINE SANCTUARY



Draft Environmental Impact Statement for FLORIDA KEYS NATIONAL MARINE SANCTUARY:

A RESTORATION BLUEPRINT



Table E-1. Summary of five management components within each alternative (areas are approximate)

Components	Alternatives			
	Alternative 1 (no action)	Alternative 2	Alternative 3 (preferred)	Alternative 4
Sanctuary boundary	Alt. 1 (no action) 3,800 sq. miles	Existing boundary Area to be avoided (ATBA) Tortugas Region 4,541 sq. miles	Existing Boundary ATBA Tortugas Region 4,541 sq. miles	Existing Boundary ATBA Tortugas Region Pulley Ridge 4,800 sq. miles
Sanctuary-wide regulations	Alt. 1 (no action)	Update 3 existing Proposed 4 new	Update 4 existing Propose 4 new	Update 5 existing Propose 4 new
Marine zone boundaries¹	Alt. 1 (no action) 57 total zones 1033 sq miles	96 total zones 1129 sq miles	98 total zones 1141 sq miles	98 total zones 1433 sq miles ²
Additional marine zone regulations	Alt. 1 (no action)	Eliminate 2 exceptions Update 2 existing Apply more protective regulations than Alt. 1	Same as Alt. 2 or more protective (e.g., greater number of no-entry areas)	same as alt. 2 and 3, or more protective (e.g., greater number of transit- only areas)
Management plan	Alt. 1 (no action)	New proposed management plan	Same as Alt. 2	Same as Alt. 2

1. The total marine zone counts and areas include Great White Heron and Key West National Wildlife Refuges existing management areas.
2. The area estimate includes the boundary expansion at Pulley Ridge due to the application of a proposed no-anchor regulation.

Comparison of proposed sanctuary boundary alternatives

Table E-2. Boundary expansions in FKNMS by alternative (square miles)

Alternatives	Total area	Expansion area	ATBA expansion	Tortugas expansion	Pulley Ridge¹
1 - no action	3,800	0	0	0	0
2	4, 541	743	472	271	0
3 - preferred	4,541	743	472	271	0
4	4,800	1,002	472	271	259

1. Pulley Ridge comprises two habitat areas of particular concern (HAPCs). Pulley Ridge South is 214 square miles and Pulley Ridge South Portion A is 199 square miles. Both areas protect corals. Portion A was proposed by Final Amendment 9 to the Fishery Management Plan for Coral and Coral Reefs of the Gulf of Mexico, U.S. Waters (Gulf of Mexico Fishery Management Councils 2018).

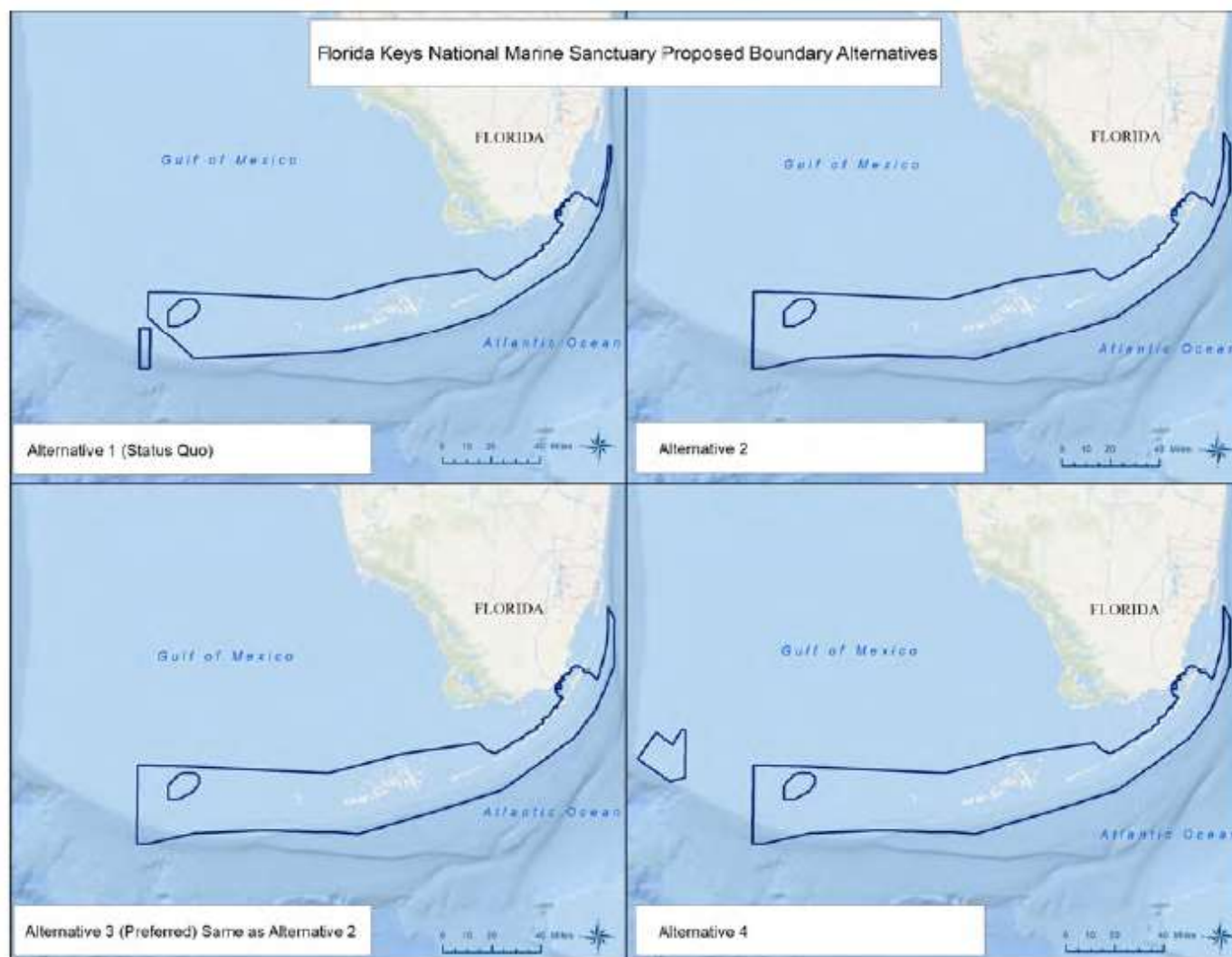


Figure 3.1. Sanctuary boundary: Map of alternatives (see Section 3.6 for more detailed maps). Image: NOAA

Marine Zones

Sanctuary Preservation Areas (SPA)

Conservation Areas (CA)

Includes Special Use Areas (SUA)

Includes Ecological Reserves (ER)

Wildlife Management Area (WMA)

Comparison of proposed marine zone alternatives

Table E-3. Number and size of marine zones by type of zone and regulatory alternative

Alternatives	Sanctuary boundary (sq. miles)	Total zoned (sq. miles) ¹	Additional zoned area (percent)	Number of WMAs ²	Number of SPAs ³	Number of ER/SUA/CA ^{4,5,6}	Number of EMA/MA ⁷	Total marine zones
1 - no action	3,800	1,033	0.00	28	19	6	4	57
2	4,541	1,129	9.29	59	25	8	4	96
3 - preferred	4,541	1,141	10.45	60	26	8	4	98
4	4,800	1,433	44.24	59	22	13	4	98

1. Includes area included in national wildlife refuges

2. Wildlife management areas

3. Sanctuary preservation areas, no-take areas

4. Ecological reserves, no-take areas

5. Special use areas, set aside for restoration or research only

6. ERs and SUAs changed to conservation areas in alternatives 2, 3, and 4

7. Existing management areas and management areas, includes national wildlife refuges

3.3.5 Summary of marine zone boundary alternatives

Table 3.3. Marine zones: Summary of wildlife management areas across alternatives

Wildlife management area alternatives	Alternative 1 (status quo)	Alternative 2	Alternative 3 (preferred)	Alternative 4
Total zones	28 ¹	59	60	59
Total within state waters	28	58	57	57
Total area (sq miles)	37.55	67.68	69.62	322.37 ²
Regulations applied	<ul style="list-style-type: none"> • Idle speed/no wake • No motor • No anchor • No access buffer zone • Closed 	<ul style="list-style-type: none"> • Idle speed/no wake • No motor • No anchor • Trolling only • No entry 	<ul style="list-style-type: none"> • Idle speed/no wake • No motor • No anchor • Trolling only • No entry 	<ul style="list-style-type: none"> • Idle speed/no wake • No motor • No anchor • No entry

1. Includes Tortugas Bank no anchor zone.

2. Includes Pulley Ridge no anchor zone.