

# National Marine Sanctuaries



## **Overview of Actions Related to Proposed CBNMS and GFNMS Boundary Expansion (DEIS, Proposed Rule, Management Plans)**

### **Gulf of the Farallones and Cordell Bank National Marine Sanctuaries Advisory Councils**

May 1, 2014  
Bodega Bay, CA

# Process for Proposed CBNMS/GFNMS Boundary Expansion



## 1. Scoping

Notice of Intent published; NOAA solicited comments to determine the scope of issues to be addressed & issues that are significant.

**Dec. 1, 2012 -  
March 1, 2013**

## 2. Develop DEIS; draft related documents

Considering scoping comments NOAA developed Draft Environmental Impact Statement (DEIS), revised site mgt. plans, proposed regulations, and revised terms of designation.

**Spring 2013 –  
Winter 2014**

## 3. Reviews & Public Comment

DEIS and draft revised mgt. plans, draft proposed regulations, and draft revised terms of designation released: conduct agency consultations; Congress and Governor review; and public comment.

**April 14 -June 30,  
2014**

## 4. Publish FEIS, Final Docs.; Decision Effective

Revise documents as necessary based on public comment. Publish Final EIS , mgt. plans, and final rule. Congress and Governor review. Publish Record of Decision.

**Summer/Fall 2014 –  
Winter 2014/15**

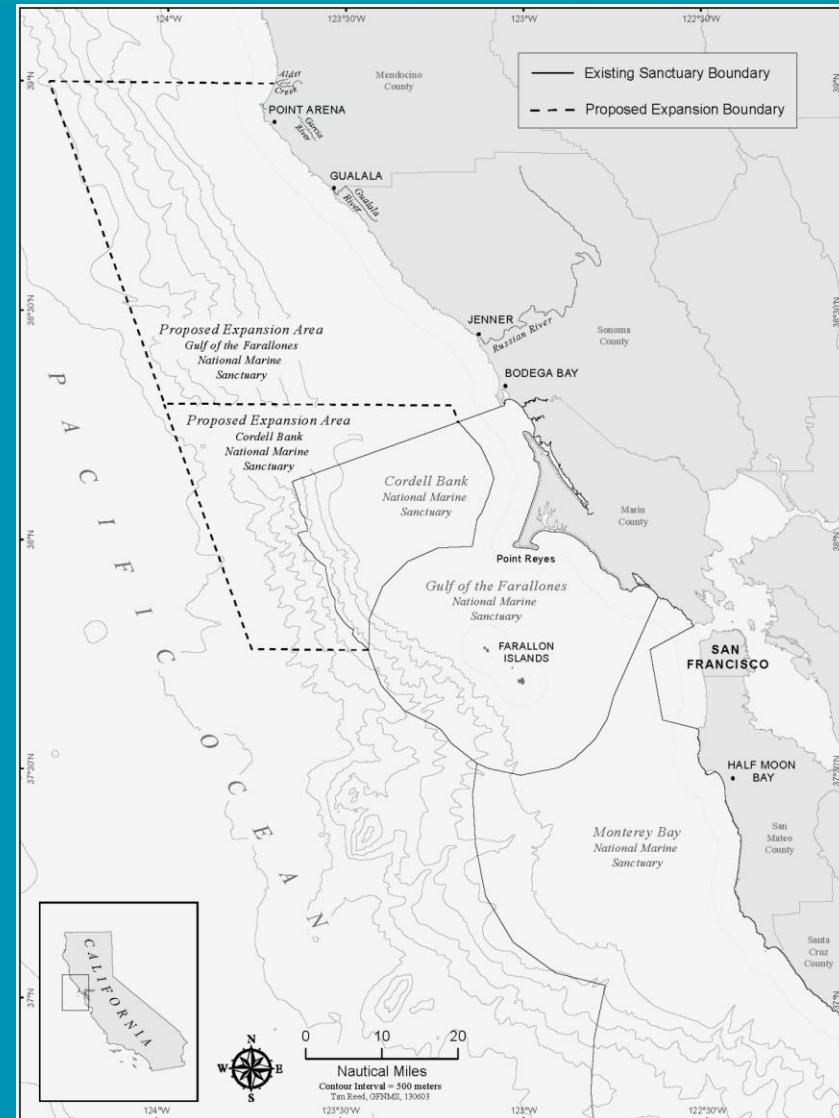
# Proposal for CBNMS & GFNMS Expansion



In response to public interest, NOAA has released a proposal to expand GFNMS and CBNMS.

NOAA is seeking public comment on 4 documents:

- Draft Environmental Impact Statement (DEIS)
- Notice of Proposed Rule Making (Proposed Rule)
- Revised Management Plans for CBNMS and GFNMS



# Draft Environmental Impact Statement



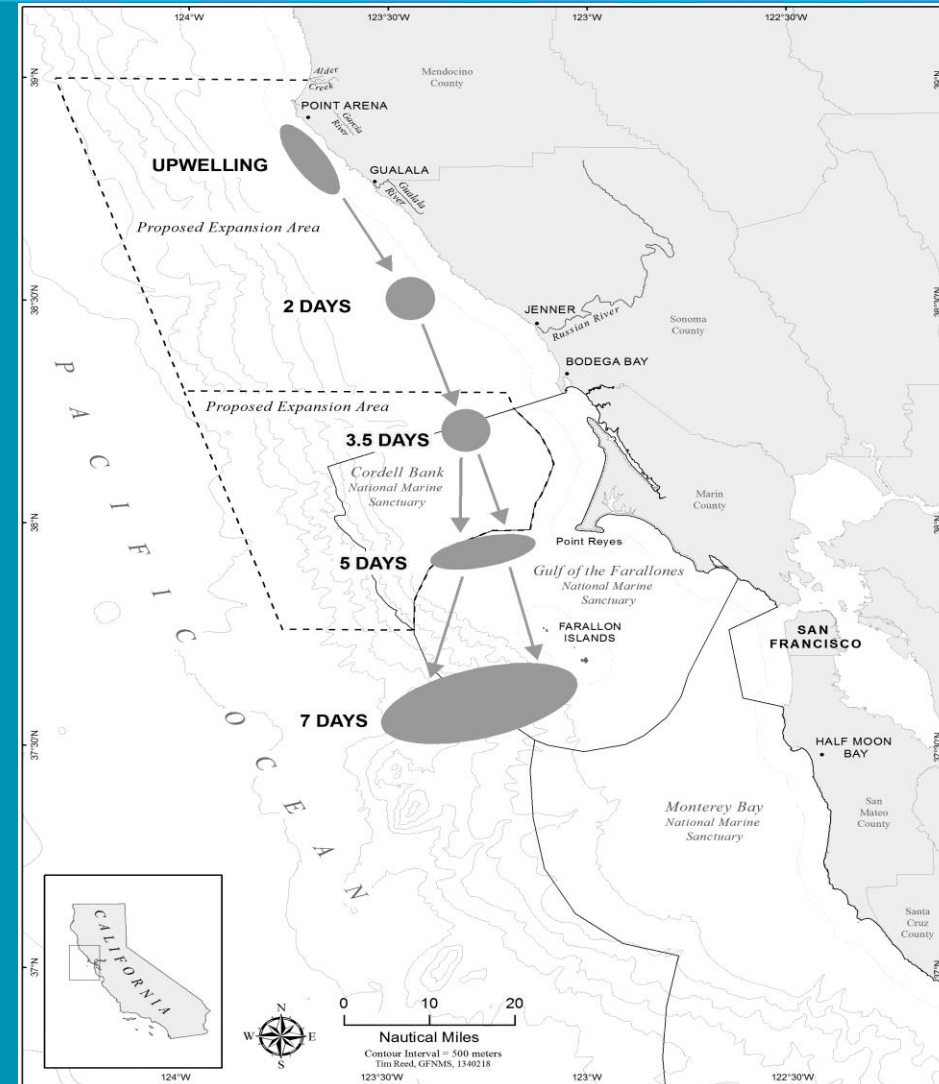
- Purpose and Need for the Action
- Proposed Action and Alternatives
- Analysis of the environmental effects of the proposed action and alternatives



# Purpose



Expansion of sanctuaries waters and submerged lands to the area north & west to increase protection of the environment, completing protection of the globally significant coastal upwelling cell originating off Point Arena and flowing via wind driven currents into the sanctuaries.

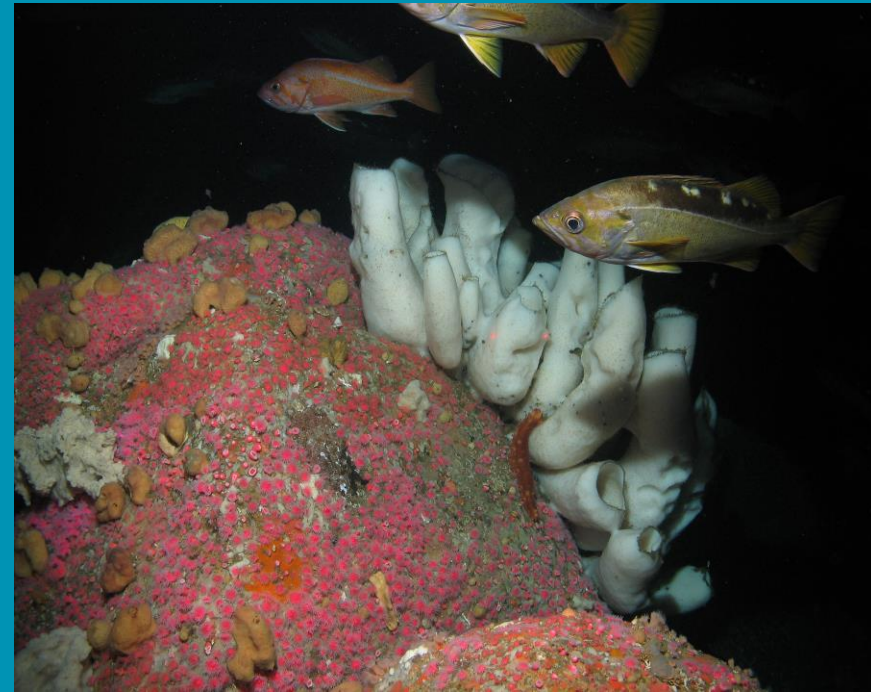


Map adapted from Halle and Largier 2011

# Need



Existing laws and policies for the Point Arena upwelling area and south do not provide comprehensive and coordinated conservation and management to protect the rich and abundant natural resources of this area. The NMSA through the sanctuaries' expansion would provide this needed safeguards while facilitating uses compatible with resource protection.



# Alternatives



- *No action*: status quo maintained.
- *Proposed Action*
- *Application of existing sanctuary regulations* to respective expanded sanctuary areas for CBNMS and GFNMS.
- *Arena Cove boundary alternative*: the existing pier and waters east (shoreward) of the pier would be inside the GFNMS boundary. This alternative could be implemented with the Proposed Action or the application of existing sanctuary regulations alternative.
- *Alternative MPWC zones*: MPWC Zones 2a or 2b and 4 would be different sizes and shapes than Proposed Action MPWC Zones 2 and 4. This alternative could be implemented with the Proposed Action or the Arena Cove boundary alternative.

# Proposed Action: Regulations



- Carry over existing GFNMS and CBNMS regulations into the expansion area
- Amend current regulations for GFNMS and CBNMS
- Add new regulations.



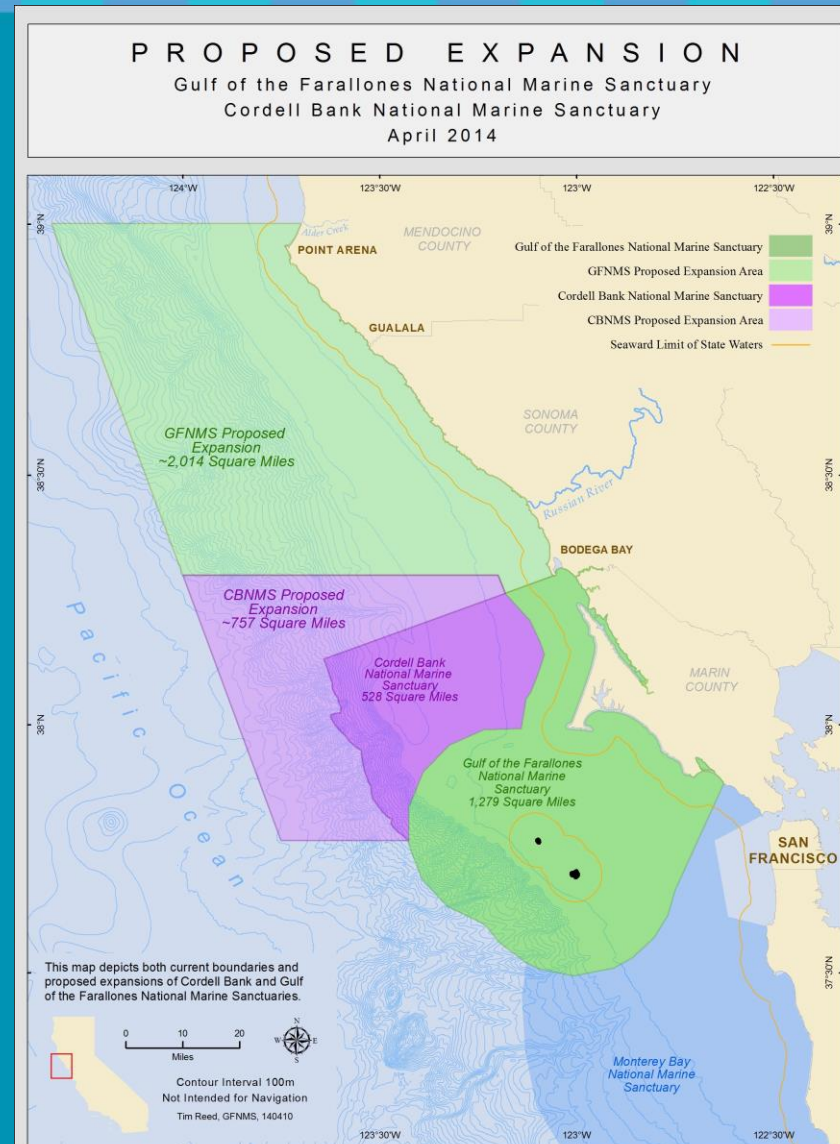


# Proposed Action: Boundaries



The proposed GFNMS expansion area extends from Bodega Bay, Sonoma County to Manchester Beach north of Point Arena Lighthouse in Mendocino County including both state and federal waters and west to approximately the 10,000-foot depth contour for a total area of 3,297 sq. miles

The proposed CBNMS expansion, all in federal waters, extends west to approximately the 10,000-foot depth contour and slightly north to protect important subsea features such as Bodega Canyon for a total area of 1,286 sq. miles

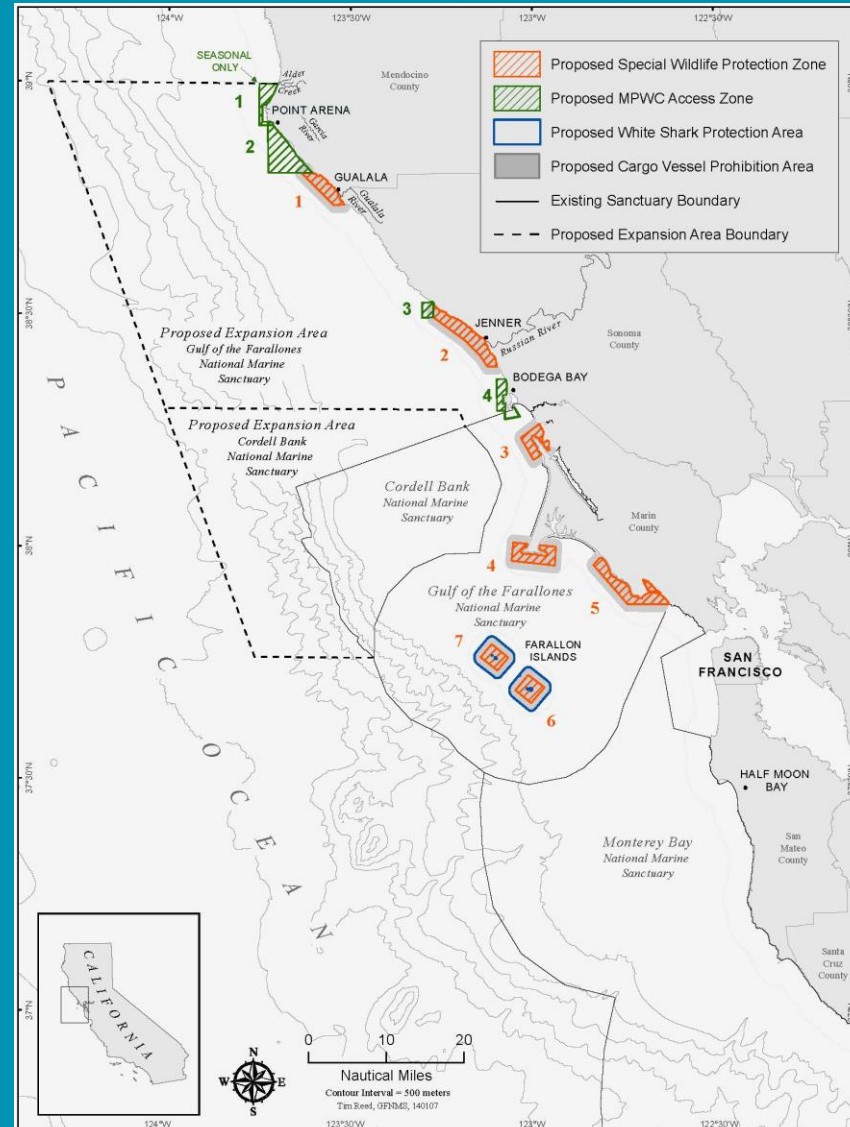


# Proposed Action: Four Zone Types in GFNMS

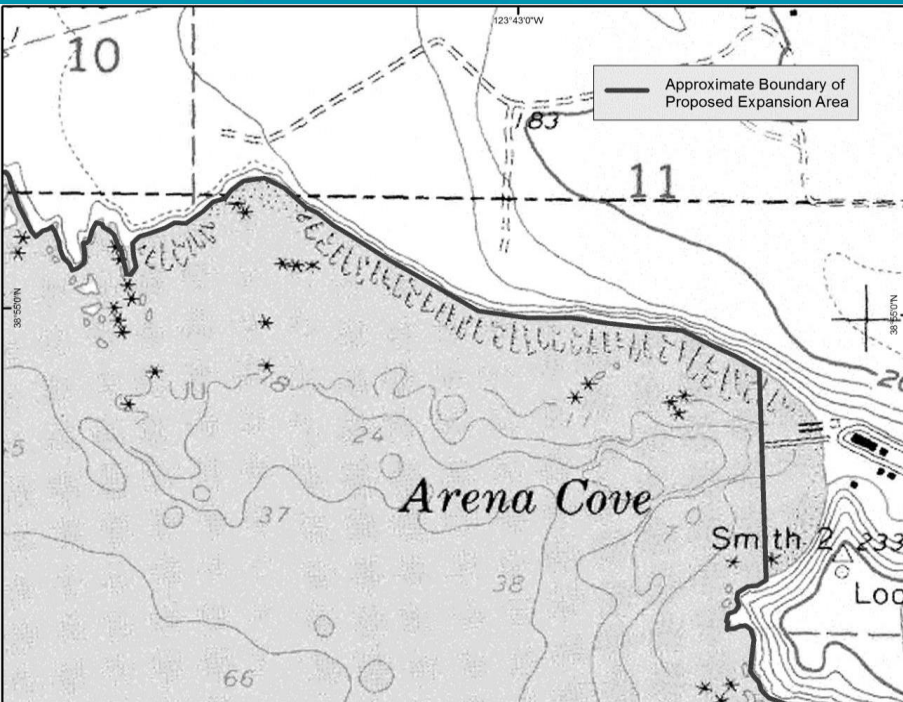


## Four Zone Types

- Proposed Wildlife Protection Zones
- Proposed White Shark Protection Area
- Proposed Cargo Vessel Prohibition Area
- Proposed MPWC Access Zone



# Proposed Action Arena Cove and Alternative Difference

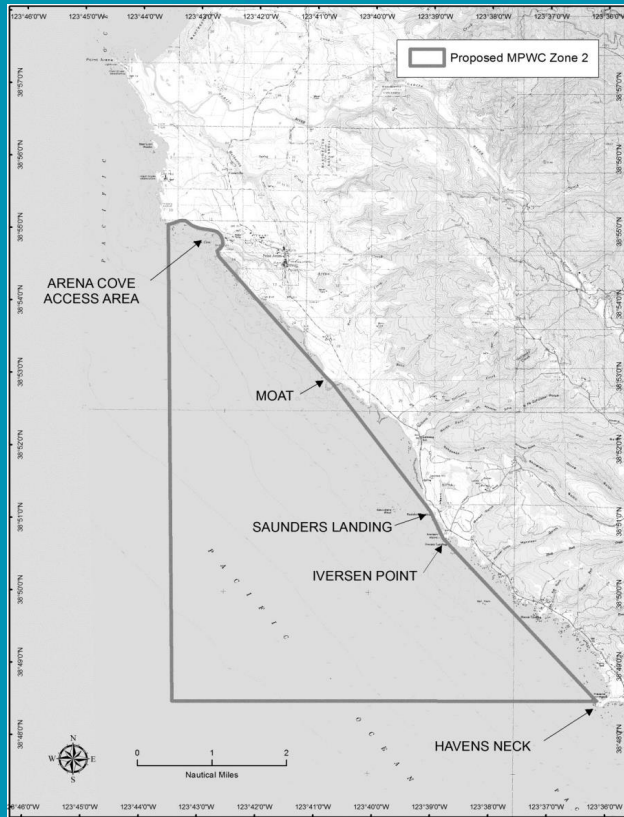


This graphic depicts Arena Cove in the Proposed Action, the waters and submerged lands east (or on the right side) of the vertical line in the Cove would not be within the GFNMS boundary.

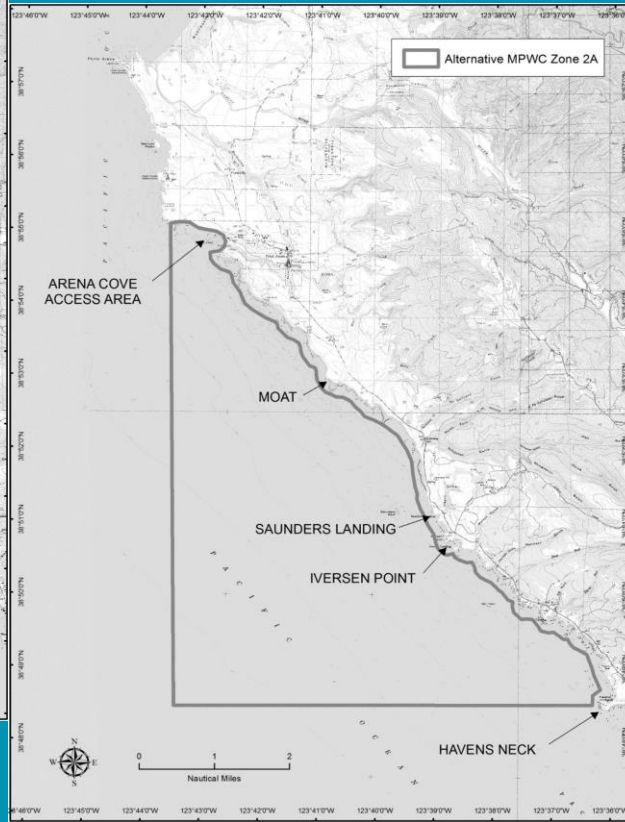
In the Arena Cove alternative, the GFNMS boundary line would go along the coastline along the Mean High Water Line; the inner cove and pier would be included within GFNMS.



# Proposed Action MPWC Zone 2 and Alternative MPWC Zones 2A and 2B



Zone 2



Zone 2A

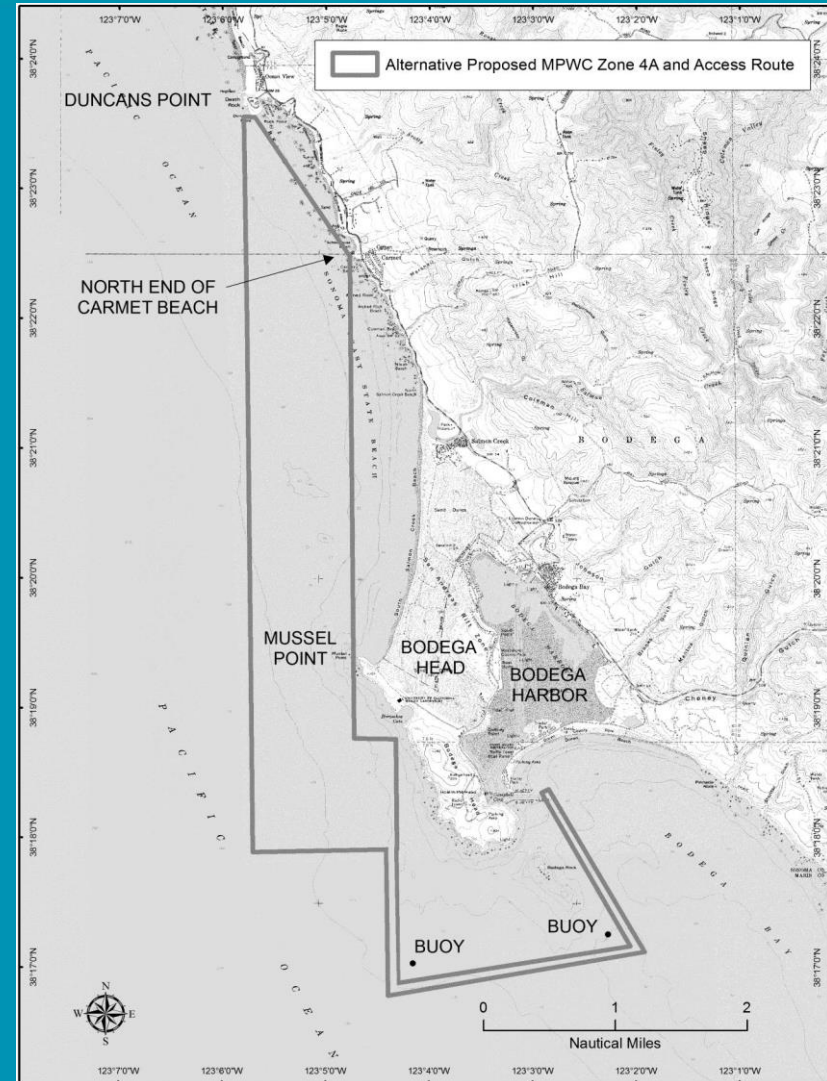


Zone 2B

# Proposed Action MPWC Zone 4 and Alternative MPWC Zone 4A



Zone 4



Zone 4A

# Summary of Impacts



None of the alternatives would result in a significant impact on any resources or uses in the existing CBNMS and GFNMS or proposed expansion areas of the two sanctuaries.



# Notice of Proposed Rulemaking (Proposed Rule)



## The Proposed Rule describes:

- Proposed changes to the Terms of Designation
- Existing regulations that are proposed to extend into the expansion area
- Proposed amended current regulations in GFNMS and CBNMS that would extend into the expansion area
- Proposed new regulations for current sanctuaries and expanded area



# Oil and Gas Regulations Clarifications and Exceptions



## CBNMS

**Existing:** Prohibits exploring for, developing, or producing oil, gas or minerals in any area of the sanctuary.

**Proposed:** Extend to expansion area



## GFNMS

**Existing:** Prohibits exploring for, developing, or producing oil or gas

**Proposed-amended:** Prohibits exploring for, developing, or producing oil, gas or minerals.

**Existing:** Exception for pipelines related to hydrocarbon operations adjacent to the Sanctuary may be placed at a distance greater than 2 nmi from the Farallon Islands, Bolinas Lagoon and Areas of Special Biological Significance (ASBS) where certified to have no significant effect on Sanctuary resources.

**Proposed-amended:** Exception removed



# Discharge Regulations (other than from a cruise ship)



## CBNMS

**Existing:** Prohibits discharging or depositing from within or into the Sanctuary, other than from a cruise ship, any material or other matter except:

**Proposed: Extend to expansion area**

**Existing :** Exception for fish, fish parts, or chumming materials (bait) used in or resulting from lawful fishing activity within the Sanctuary, provided that such discharge or deposit is during the conduct of lawful fishing activity within the Sanctuary.

**Proposed: Extend to expansion area**

## GFNMS

**Existing:** Same as CBNMS

**Proposed: Extend to expansion area**

**Existing:** Same as CBNMS

**Proposed: Extend to expansion area**



# Discharge Regulations (other than from a cruise ship)



## CBNMS

**Existing:** Exception for a vessel less than 300 gross registered tons (GRT), or a vessel 300 GRT or greater without sufficient holding tank capacity to hold sewage while within the Sanctuary, clean effluent generated incidental to vessel use by an operable Type I or II marine sanitation device that is approved in accordance with section 312 of the Federal Water Pollution Control Act (FWPCA). Vessel operators must lock all marine sanitation devices in a manner that prevents discharge or deposit of untreated sewage.

**Proposed: Extend to expansion area**

## GFNMS

**Existing:** Same as CBNMS

**Proposed: Extend to expansion area**



# Discharge Regulations (other than from a cruise ship)



## CBNMS

**Existing:** Exception for clean vessel deck wash down, clean vessel engine cooling water, clean vessel generator cooling water, clean bilge water, or anchor wash.

**Proposed:** Extend to expansion area

## GFNMS

**Existing:** Same as CBNMS

**Proposed:** Extend to expansion area



# Discharge Regulations (other than from a cruise ship)



## CBNMS

**Existing:** No exception for graywater

**Proposed-amended:** New exception for a vessel less than 300 GRT or a vessel 300 GRT or greater without sufficient holding capacity to hold the graywater while within the Sanctuary, clean graywater as defined by section 312 of the FWPCA.

**Existing:** Exception for vessel engine or generator exhaust.

**Proposed:** Extend to expansion area

## GFNMS

**Existing:** Same as CBNMS

**Proposed-amended:** Same as CBNMS

**Existing:** Same as CBNMS

**Proposed:** Extend to expansion area

# Cruise Ship Discharge Regulations



## CBNMS

**Existing:** Prohibits discharging or depositing from within or into the Sanctuary any material or other matter from a cruise ship except clean vessel engine cooling water, clean vessel generator cooling water, vessel engine or generator exhaust, clean bilge water, or anchor wash.

**Proposed:** Extend to expansion area

## GFNMS

**Existing:** Same as CBNMS

**Proposed:** Extend to expansion area



# Discharges from Outside Sanctuary Regulations



## CBNMS

**Existing:** Prohibits discharging or depositing, from beyond the boundary of the Sanctuary, any material or other matter that subsequently enters the Sanctuary and injures a Sanctuary resource or quality, except exclusions as listed in paragraphs (a)(2)(i) through (v) and (a)(3).

**Proposed-amended:** [New graywater exception would be added to existing regulation and extend into the expansion area]

## GFNMS

**Existing:** Same as CBNMS

**Proposed-amended:** Same as CBNMS



# Construction on and Alteration to Submerged Lands Regulations



## CBNMS

**Existing:** In the Sanctuary beyond the line representing the 50-fathom isobath surrounding Cordell Bank, prohibits drilling into, dredging, or otherwise altering the submerged lands; or constructing, placing, or abandoning any structure, material or matter on the submerged lands except as incidental and necessary for anchoring any vessel or lawful use of any fishing gear during normal fishing activities except as incidental and necessary for anchoring any vessel or lawful use of any fishing gear during normal fishing activities.

**Proposed: Extend to expansion area**

## GFNMS

**Existing:** Prohibits constructing any structure other than a navigation aid on or in the submerged lands of the Sanctuary; placing or abandoning any structure on or in the submerged lands of the Sanctuary; or drilling into, dredging, or otherwise altering the submerged lands of the Sanctuary in any way, except:

- (i) Anchoring vessels (in a manner not otherwise prohibited);
- (ii) While conducting lawful fishing activities;
- (iii) Routine maintenance and construction of docks and piers on Tomales Bay; or
- (iv) Mariculture activities conducted pursuant to a valid lease, permit, license or other authorization issued by the State of California.

**Proposed: Extend to expansion area**

# Wildlife Protection Area Definition



## CBNMS

**Existing:** None

**Proposed:** No change

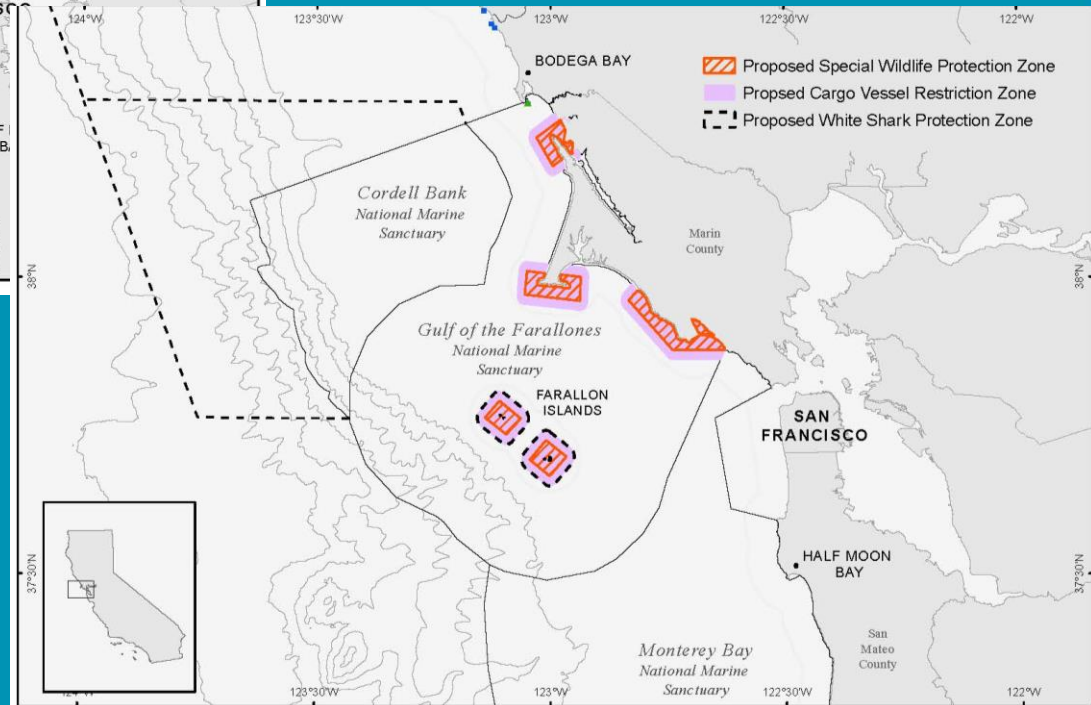
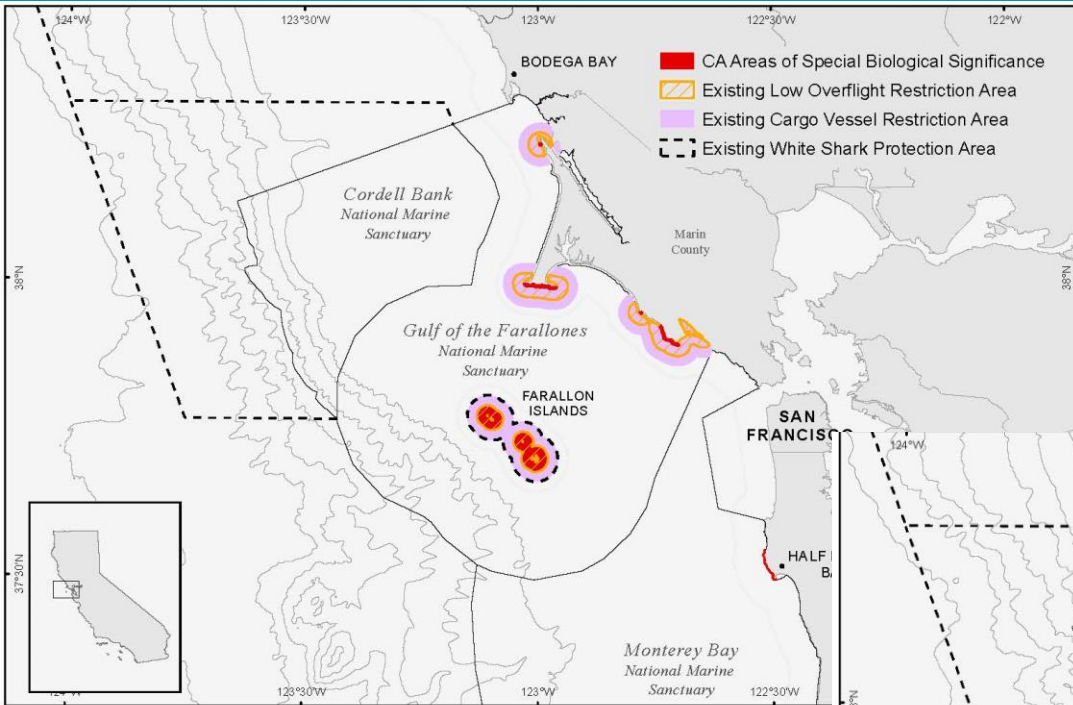
## GFNMS

**Existing:** None

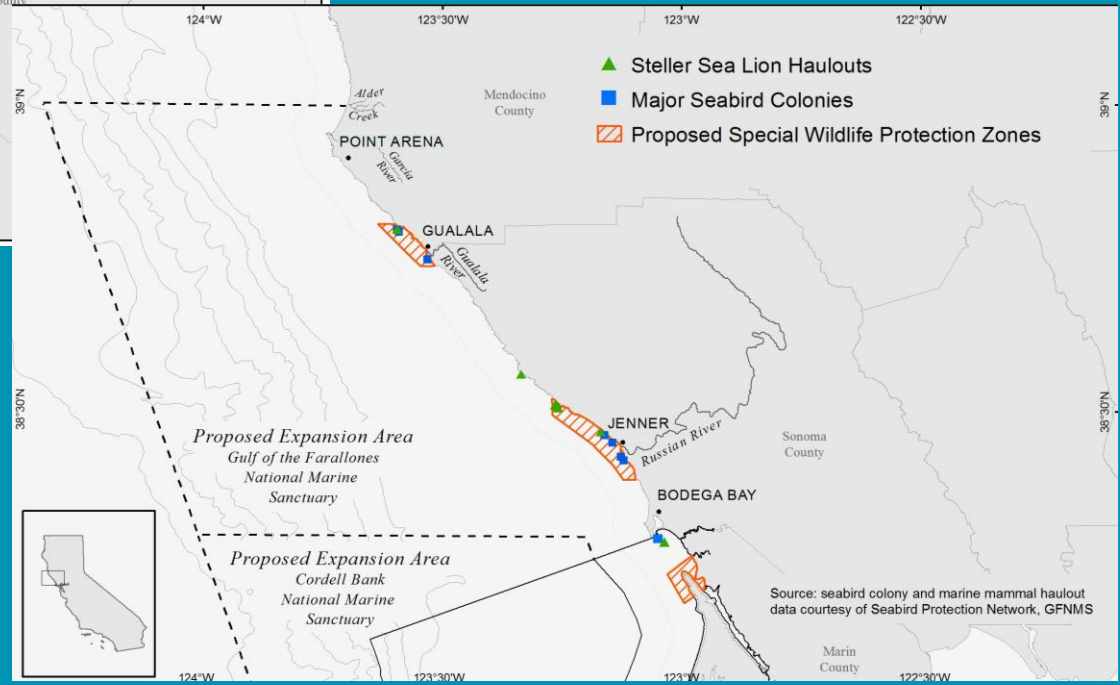
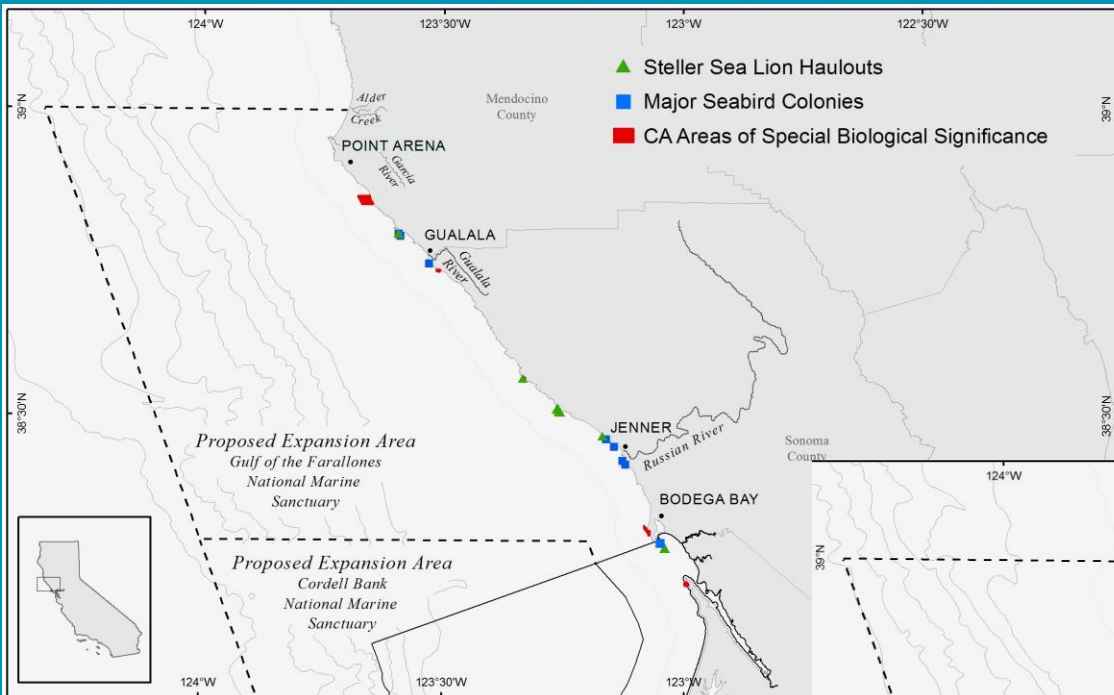
**Proposed-new:** Special Wildlife Protection Zones are areas of high biological diversity and/or abundance of species that are susceptible to disturbance, including federally listed and specially protected species. In particular these areas are white shark, seabird and marine mammal (pinniped) “hotspots”. White shark “hotspots” are where there are globally significant concentrations of white sharks. Seabird “hotspots” are areas with important populations, species diversity, and which support high concentration of nesting and roosting birds. Pinniped “hotspots” provide vital habitat for pupping seals and sea lions. Special Wildlife Protection Zones are established where “hotspots” are susceptible to disturbance. This definition replaces the use of State-designated Areas of Special Biological Significance (ASBS) or other area names to define the locations in the sanctuary that have additional special protections.]



# Areas of Special Biological Significance and Special Wildlife Protection Zones



# Wildlife Hot Spots, ASBSs, and Special Wildlife Protection Zones



Source: seabird colony and marine mammal haulout data courtesy of Seabird Protection Network, GFNMS

# Wildlife Disturbance Regulations: Low Overflight Restrictions



## CBNMS

Existing: None

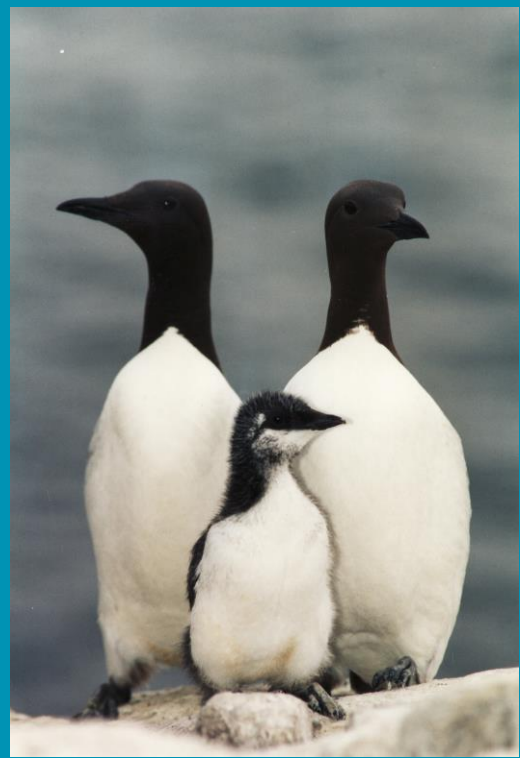
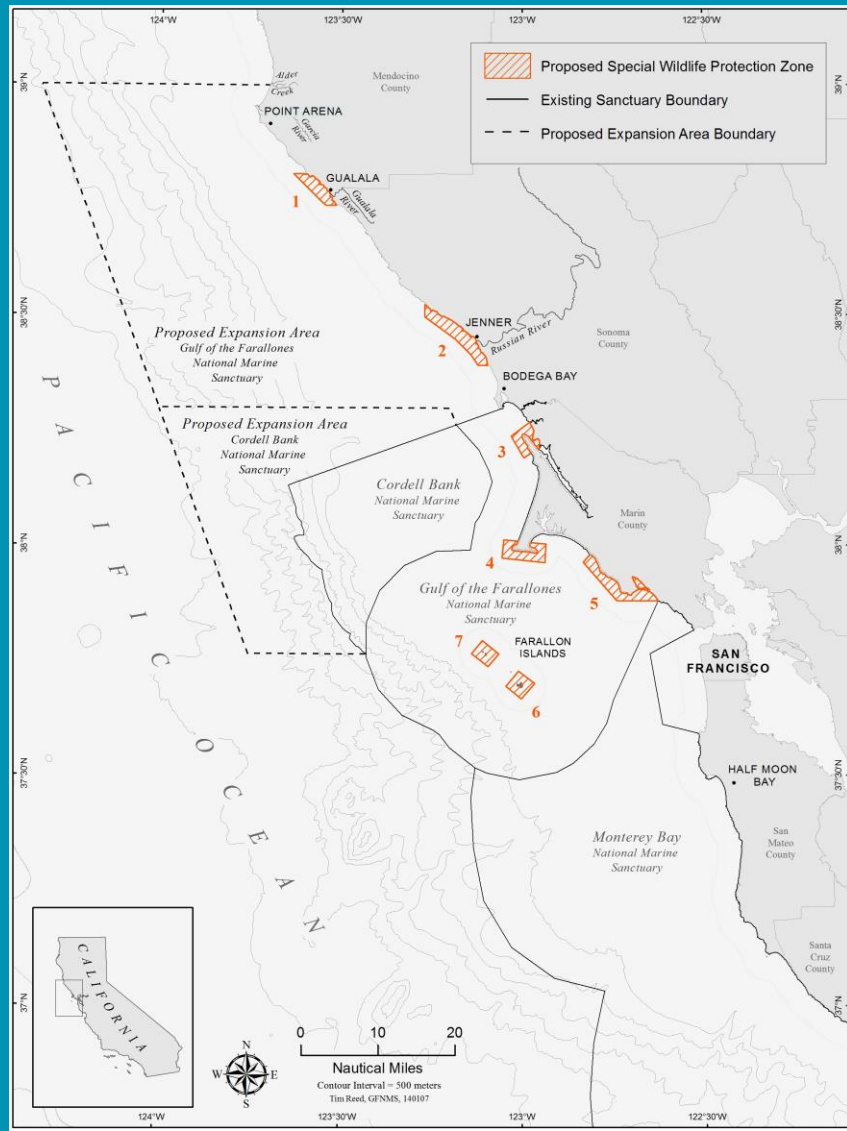
Proposed: No change

## GFNMS

**Existing:** Prohibits disturbing marine mammals or seabirds by flying motorized aircraft at less than 1,000 feet over the waters within one nautical mile of the Farallon Islands, Bolinas Lagoon, or any ASBS, except to transport persons or supplies to or from the Islands or for enforcement purposes. Failure to maintain a minimum altitude of 1,000 feet above ground level over such waters is presumed to disturb marine mammals or seabirds. [ASBS – Area of Special Biological Significance]

**Proposed-amended:** Prohibits disturbing marine mammals or seabirds by flying motorized aircraft at less than 1,000 feet over the waters within **the seven designated Special Wildlife Protection Zones, except transiting Zone 6** to transport authorized persons or supplies to or from Southeast Farallon Island or for enforcement purposes. Failure to maintain a minimum altitude of 1,000 feet above ground level over such waters is presumed to disturb marine mammals or seabirds. **[The prohibited activity would be unchanged. Locations within existing boundaries would be unchanged, but defined as SWPZ and their new shapes would be polygons. Two new zones are proposed within the expansion area.]**

# Special Wildlife Protection Zones



# Wildlife Disturbance Regulations: White Shark Protections



## CBNMS

Existing: None

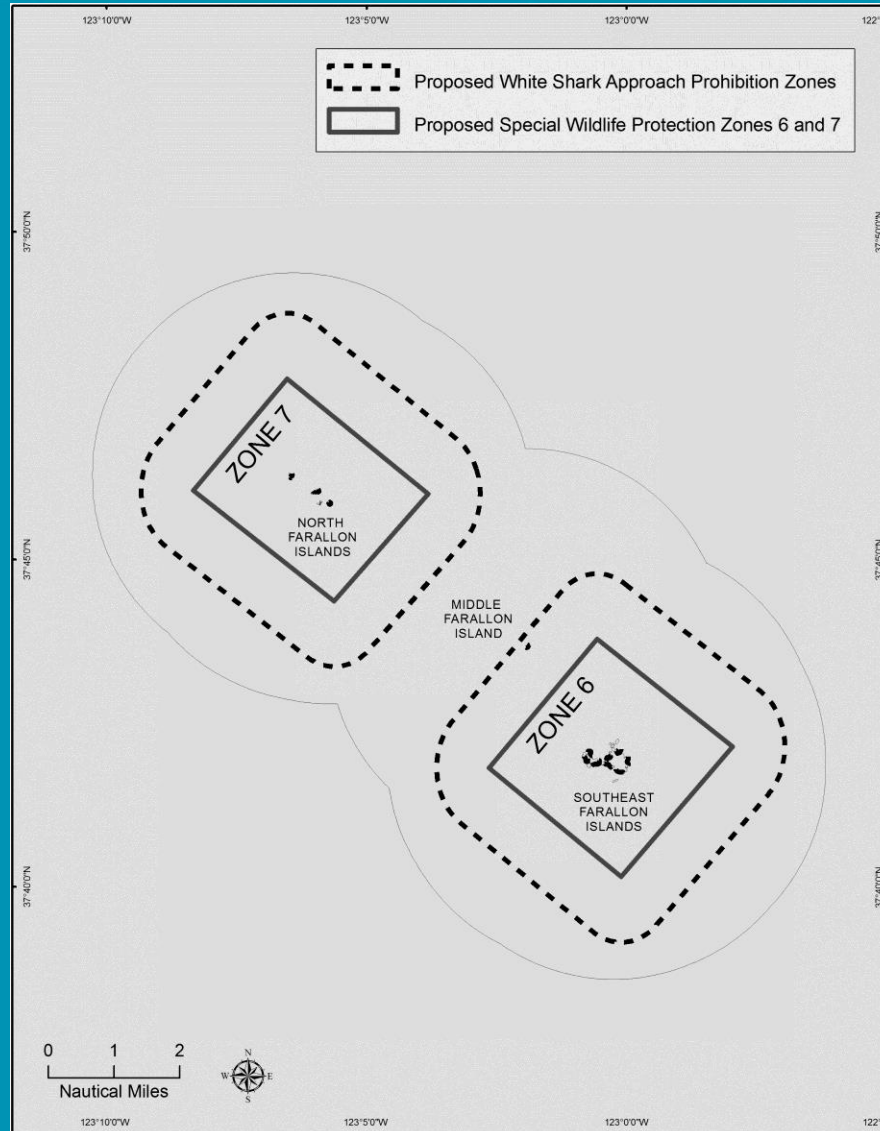
Proposed: No change

## GFNMS

**Existing:** Prohibits attracting a white shark in the Sanctuary; or approaching within 50 meters of any white shark within the line approximating 2 nmi around the Farallon Islands.

**Proposed-amended:** Prohibits attracting a white shark in the Sanctuary; or approaching within 50 meters of any white shark within **1 nautical mile of and inside Special Wildlife Protection Zone 6 and 7 around the Farallon Islands.** [The prohibited activity would be unchanged. A one nautical mile buffer around Special Wildlife Protection Zones 6 and 7 would essentially be a two nautical mile buffer around Southeast and North Farallon Islands. The area combined for Zone 6 and 7 would be smaller than the current zone because Middle Farallon Island would no longer be included.]

# Special Wildlife Protection Zone with White Shark Attraction Buffer



# Vessel Operations Regulations: Cargo Restriction Zones



## CBNMS

Existing: None

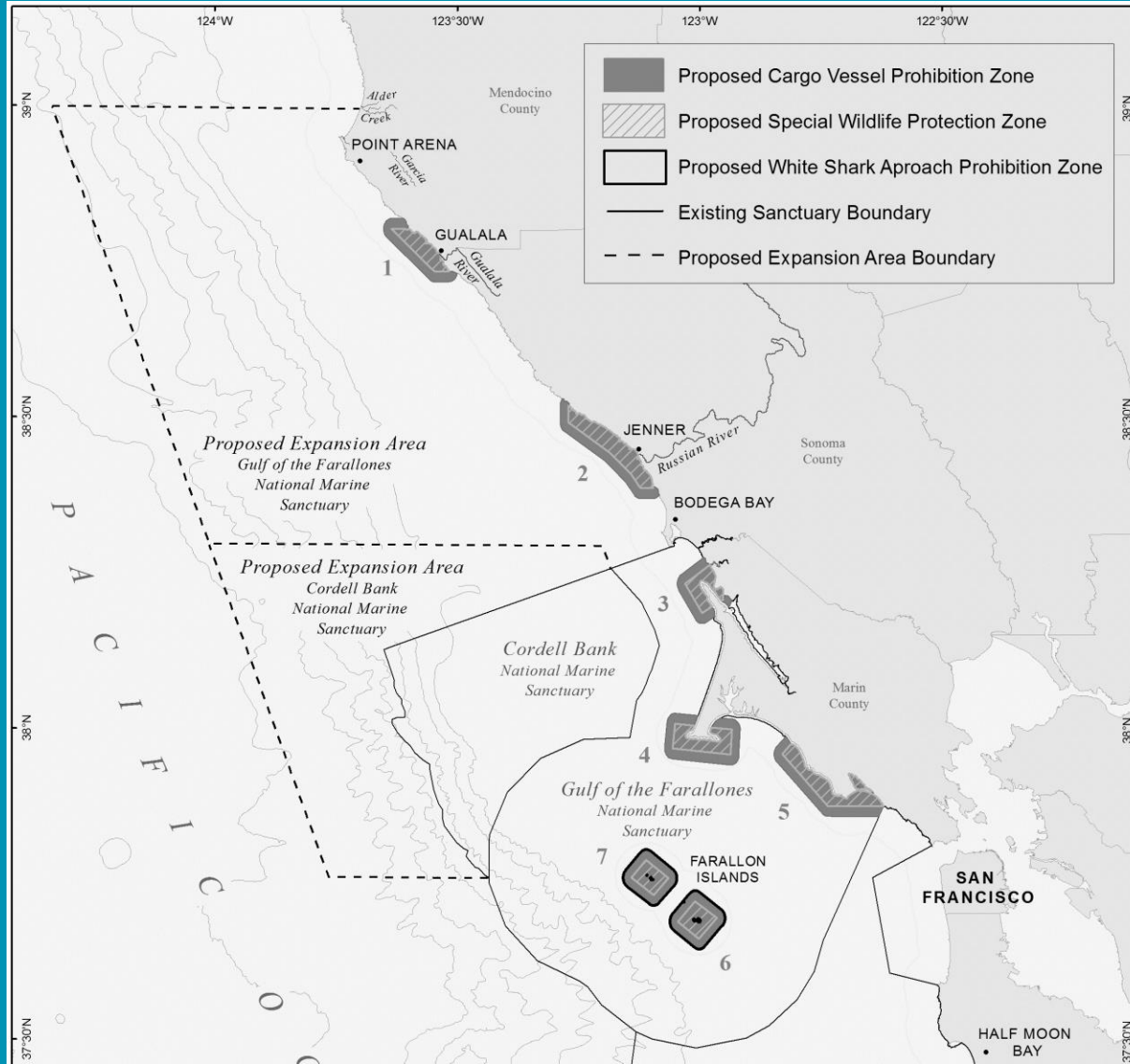
Proposed: No change

## GFNMS

**Existing:** Prohibits operating any vessel engaged in the trade of carrying cargo within an area extending 2 nmi from the Farallon Islands, Bolinas Lagoon or any ASBS except to transport persons or supplies to or from the Islands or mainland areas adjacent to Sanctuary waters or any ASBS. In no event shall this section be construed to limit access for fishing, recreational or research vessels.

**Proposed-amended:** Prohibits operating any vessel engaged in the trade of carrying cargo within an area extending **1 nautical mile from a designated Special Wildlife Protection Zone. This includes but is not limited to tankers and other bulk carriers and barges, or any vessel engaged in the trade of servicing offshore installations,** except to transport persons or supplies to or from the Islands or mainland areas adjacent to Sanctuary waters. In no event shall this section be construed to limit access for fishing, recreational or research vessels. **[The prohibited activity would be unchanged. Locations within the existing boundaries unchanged, but defined as Special Wildlife Protection Zones and their new shapes would be polygons. Two new zones are proposed within the expansion area.]**

# Special Wildlife Protection Zones with Cargo Vessel Buffer





# Vessel Operations Regulations



## CBNMS

**Existing:** None

**Proposed:** No change

## GFNMS

**Existing:** Prohibits deserting a vessel aground, at anchor, or adrift in the Sanctuary; and/or leaving harmful matter aboard a grounded or deserted vessel in the Sanctuary.

**Proposed:** Extend to expansion area



# Motorized Personal Watercraft (MPWC or “Jetski”) Regulations



## CBNMS

**Existing:** None

**Proposed:** No change

**Existing:** None

**Proposed:** No change

## GFNMS

**Existing:** Prohibits operation of motorized personal watercraft, except:

**Proposed:** Extend to expansion area

**Existing:** (i) Exception for the operation of motorized personal watercraft for emergency search and rescue missions or law enforcement operations (other than routine training activities) carried out by the National Park Service, U.S. Coast Guard, Fire or Police Departments or other Federal, State or local jurisdictions.

**Proposed:** Extend to expansion area

# Motorized Personal Watercraft (MPWC or “Jetski”) Regulations



## CBNMS

Existing: None

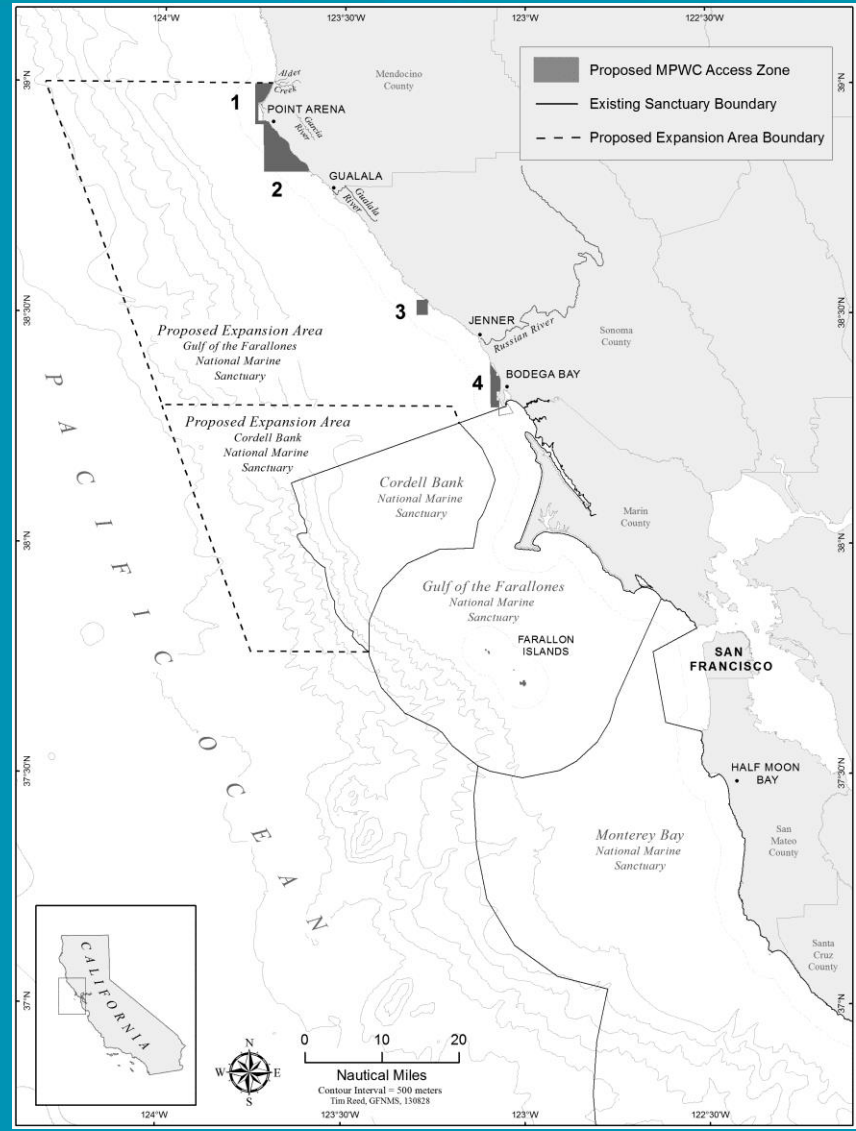
Proposed: No change

## GFNMS

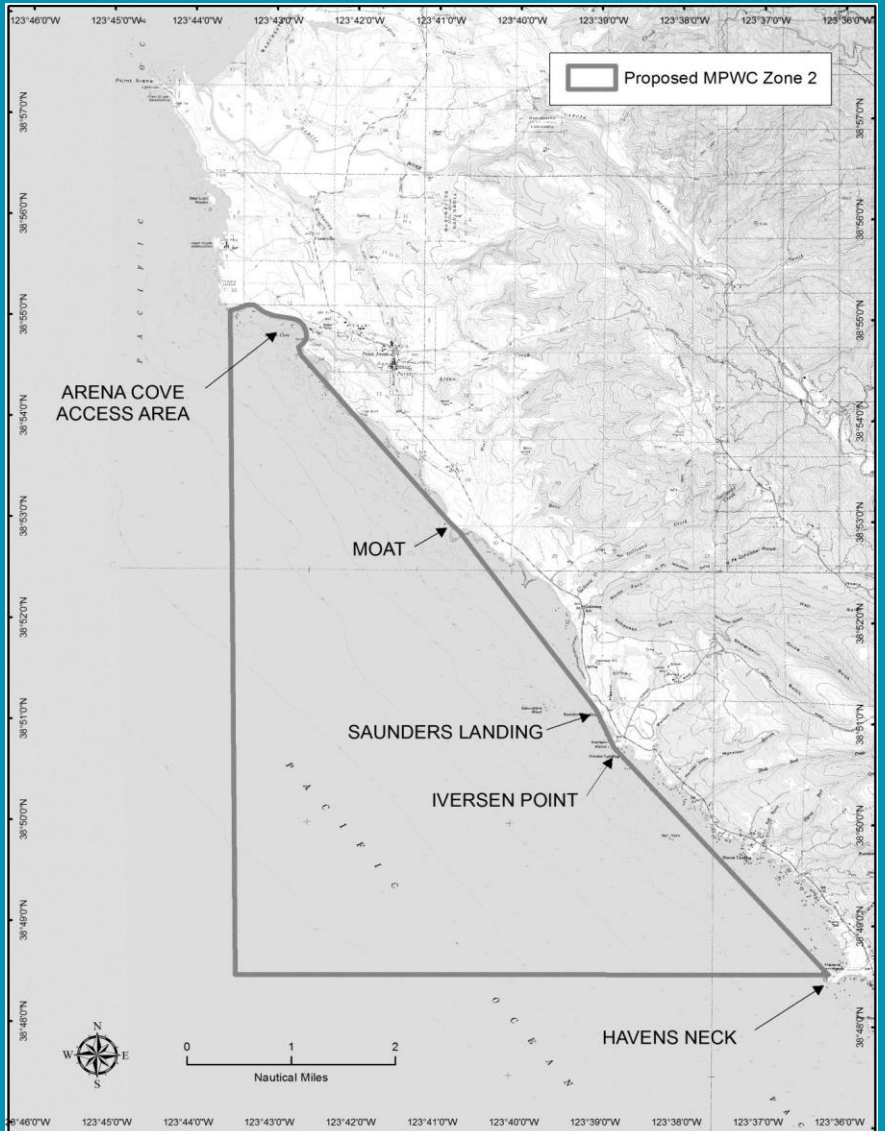
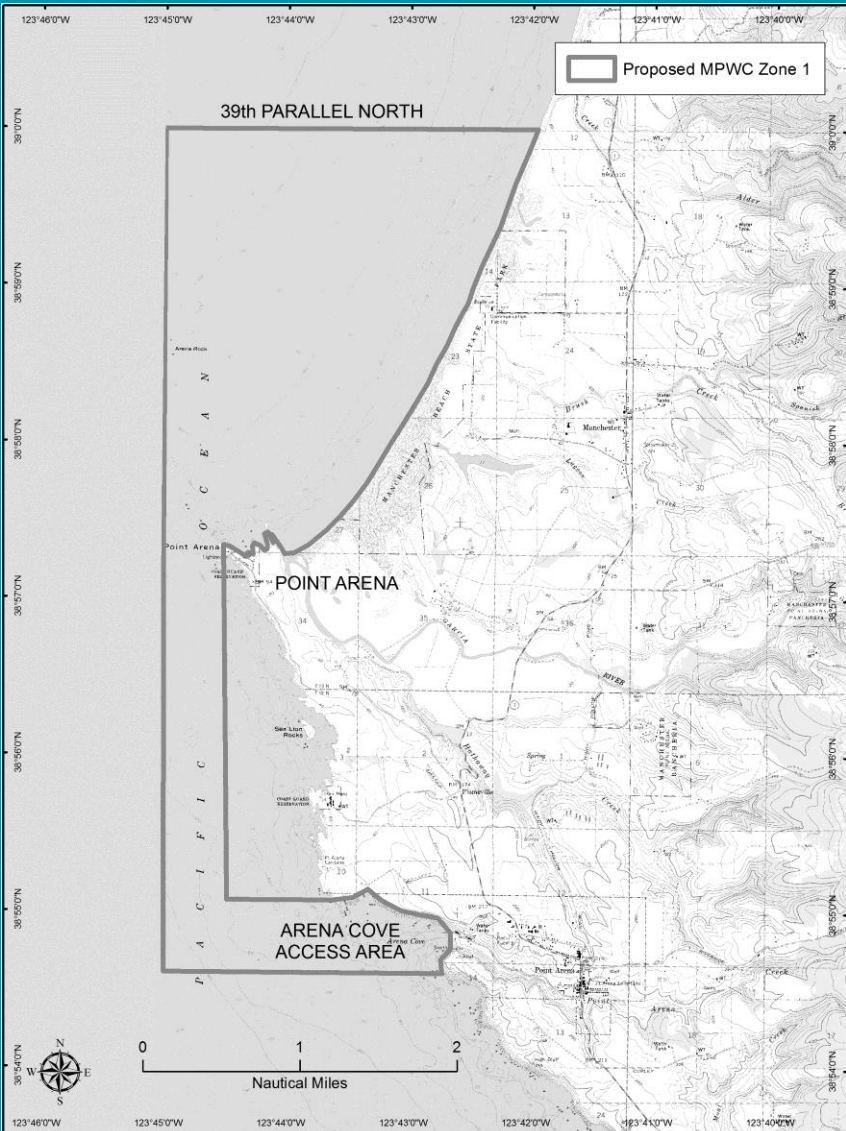
Existing: None

Proposed-new: (ii) New exception for a MPWC equipped with an operable Global Positional System (GPS) unit in working condition within the four designated zones within the Sanctuary. [All four proposed zones would be within the expansion area. There would be an access path from Bodega Harbor in the existing sanctuary to Zone 4.]

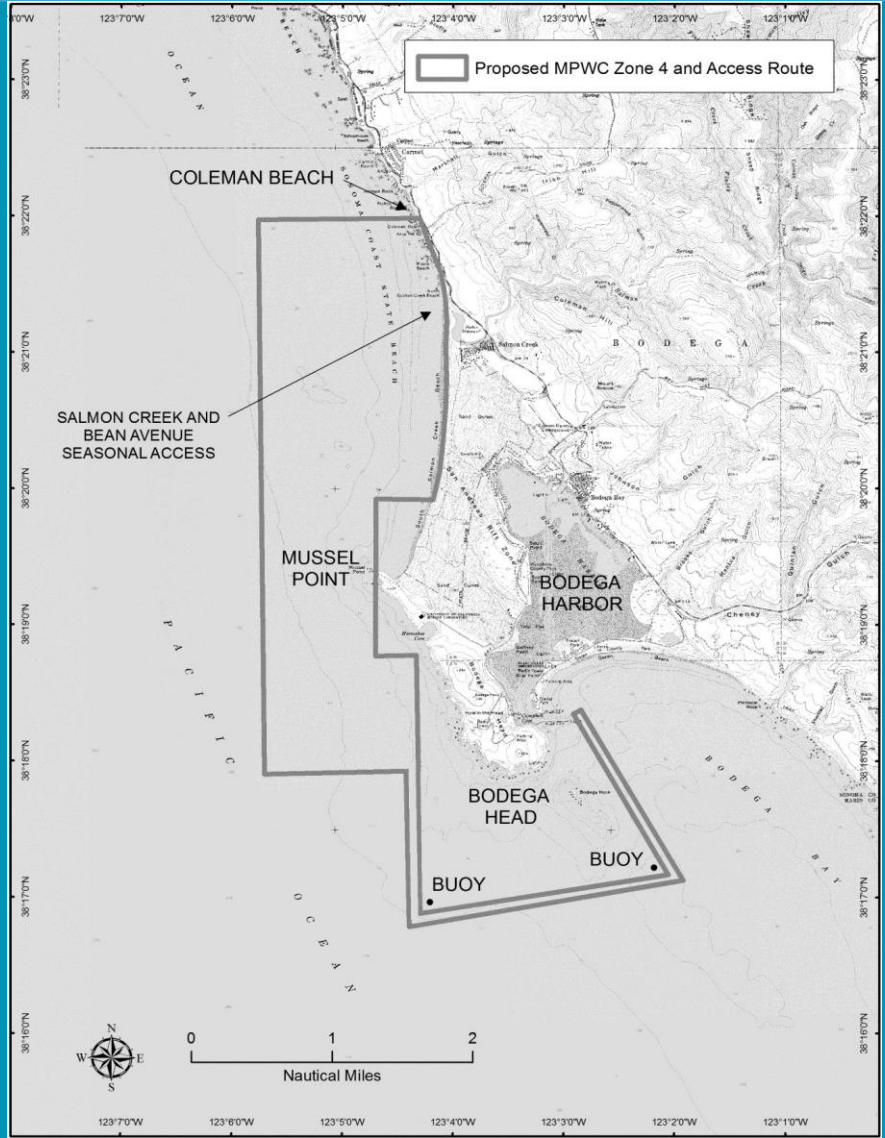
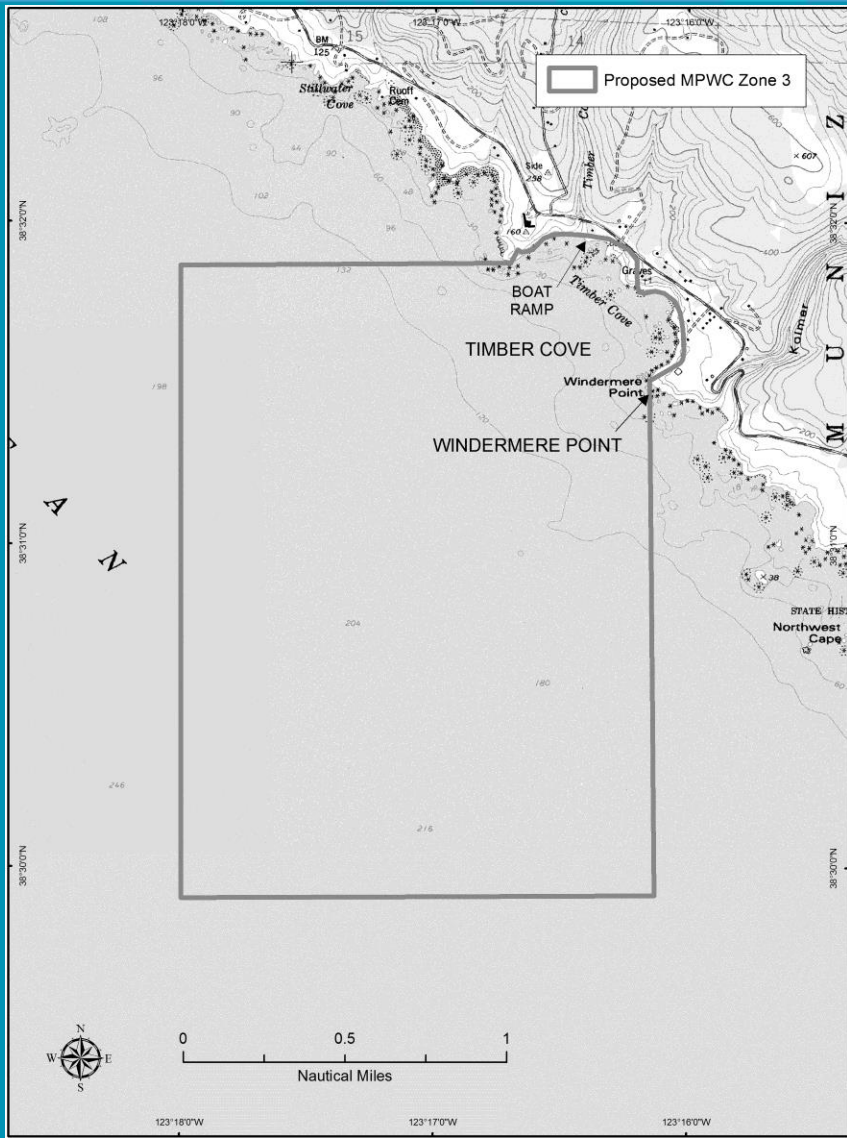
# Motorized Personal Watercraft (MPWC or "Jetski") Zones Map



# Motorized Personal Watercraft (MPWC or "Jetski") Zones Map



# Motorized Personal Watercraft (MPWC or "Jetski") Zones Map



# Historical Resources Regulations



## CBNMS

**Existing:** None

**Proposed new:** Prohibits possessing, moving, removing, or injuring, or attempting to possess, move, remove or injure, a Sanctuary historical resource.

## GFNMS

**Existing:** Prohibits possessing, moving, removing, or injuring, or attempting to possess, move, remove or injure, a Sanctuary historical resource.

**Proposed:** Extend to expansion area.



# Introduced Species Regulations



## CBNMS

**Existing:** Introducing or otherwise releasing from within or into the Sanctuary an introduced species, except striped bass (*Morone saxatilis*) released during catch and release fishing activity.

**Proposed: Extend to expansion area**



## GFNMS

**Existing:** Introducing or otherwise releasing from within or into the Sanctuary an introduced species, except:

- (i) Striped bass (*Morone saxatilis*) released during catch and release fishing activity; or
- (ii) Species cultivated by mariculture activities in Tomales Bay pursuant to a valid lease, permit, license or other authorization issued by the State of California and in effect on the effective date of the final regulation.

**Proposed-amended:** [Changes proposed through a separate proposed rule, currently under review by the public ([www.regulations.gov](http://www.regulations.gov) Docket ID: NOAA-NOS-2012-0113). If made final, that rule would apply within GFNMS. NOAA would ensure consistency between that rule and the proposal for regulation of introduced species within the proposed expansion area.]



# Law Enforcement Regulations



## CBNMS

Existing: None

Proposed-new: Prohibits interfering with, obstructing, delaying, or preventing an investigation, search, seizure, or disposition of seized property in connection with enforcement of the Act or any regulation or permit issued under the Act.

## GFNMS

Existing: Same as CBNMS

Proposed-new: Same as CBNMS



# Authorizations of Activities by Federal, State, or Local Authorities



## CBNMS

**Existing:** None

**Proposed-new:** The prohibitions in paragraphs (a)(2), (a)(3), and (a)(4)(ii) through (a)(7) of this section do not apply to any activity authorized by any lease, permit, license, approval, or other authorization issued after the effective date of Sanctuary designation or expansion and issued by any Federal, State, or local authority of competent jurisdiction, provided that the applicant complies with 15 CFR 922.49, the Director notifies the applicant and authorizing agency that he or she does not object to issuance of the authorization, and the applicant complies with any terms and conditions the Director deems necessary to protect Sanctuary resources and qualities.

Amendments, renewals, and extensions of authorizations in existence on the effective date of designation or expansion constitute authorizations issued after the effective date of Sanctuary designation or expansion.



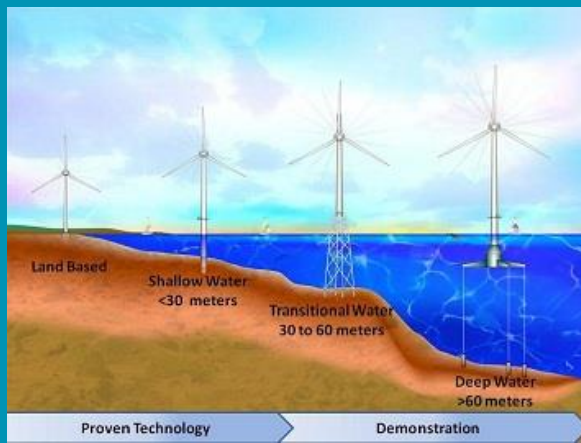
# Authorizations of Activities by Federal, State, or Local Authorities



## GFNMS

Existing: None

**Proposed-new:** *The prohibitions in paragraphs (a)(2) through (9) and (10), for the introduction of a non-invasive introduced species from shellfish mariculture in state waters, of this section do not apply to any activity authorized by any lease, permit, license, approval, or other authorization issued after the effective date of Sanctuary designation or expansion and issued by any Federal, State, or local authority of competent jurisdiction, provided that the applicant complies with 15 CFR 922.49, the Director notifies the applicant and authorizing agency that he or she does not object to issuance of the authorization, and the applicant complies with any terms and conditions the Director deems necessary to protect Sanctuary resources and qualities. Amendments, renewals, and extensions of authorizations in existence on the effective date of designation or expansion constitute authorizations issued after the effective date of Sanctuary designation or expansion.*



# Authorizations of Activities by Federal, State, or Local Authorities



## GFNMS

This would allow for authorization of other agencies' permits, etc., for specific activities that would otherwise be prohibited.

What would it allow? Specifically it allows for the authorization of prohibited activities related to:

- Discharge from within and outside the Sanctuary (including cruise ships);
- Alteration of or construction on the seabed including pipelines;
- Operating a motorized personal watercraft;
- The introduction of a introduced species from shellfish mariculture in state waters;
- Taking or possessing marine mammals, sea turtles or birds; and
- Possessing, moving, removing, or injuring a Sanctuary historical resource.

What would it not allow? It would not allow such authorization for:

- Exploring for, developing, or producing oil, gas or minerals;
- Overflight and cargo vessel regulations;
- Attracting a white shark anywhere in the Sanctuary, approaching within 50 meters of any white shark within 1 nautical mile around Special Wildlife Protection Zone 6 and 7;
- Deserting a vessel or leaving harmful matter aboard a grounded or deserted vessel in the Sanctuary;
- Anchoring a vessel in a designated seagrass protection zone in Tomales Bay, except as necessary for mariculture operations; or
- Interfering with, obstructing, delaying, or preventing an investigation, search, seizure, or disposition of seized property in connection with enforcement.

# Permit for Otherwise Prohibited Activities



## CBNMS

**Existing:** None

**Proposed-new:** *The prohibitions in paragraphs (a)(2) through (7) of this section do not apply to any activity executed in accordance with the scope, purpose, terms, and conditions of a National Marine Sanctuary permit issued pursuant to 15 CFR 922.48 and 922.113 or a Special Use permit issued pursuant to section 310 of the Act.*

Otherwise prohibited activities might be conducted under a Special Use permit or National Marine Sanctuary permit to: (1) Further research or monitoring; (2) further the educational value; (3) further salvage or recovery operations; or (4) assist in managing the sanctuary. Nothing has changed with any current permit procedures for any of these permit categories. This proposed regulation would limit the scope of activities available for consideration of a sanctuary permit. Specifically, permits would be available for activities that are prohibited by regulations at 15 CFR 922.112, except for: 1) exploring for, developing, or producing oil, gas or minerals; 2) introducing or otherwise releasing from within or into the Sanctuary an introduced species; and 3) interfering with, obstructing, delaying, or preventing an investigation, search, seizure, or disposition of seized property in connection with enforcement. This means that the sanctuary could not issue a permit for these three activities even if the proposed activity could qualify for a sanctuary permit category.

# Permit for Otherwise Prohibited Activities



## GFNMS

Existing: None

**Proposed-new:** *The prohibitions in paragraphs (a)(2) through (9) and (a)(11) through (16) of this section do not apply to any activity executed in accordance with the scope, purpose, terms, and conditions of a National Marine Sanctuary permit issued pursuant to 15 CFR 922.48 and 922.83 or a Special Use permit issued pursuant to section 310 of the Act.*

Otherwise prohibited activities might be conducted under a Special Use permit or National Marine Sanctuary permit to: (1) Further research or monitoring related to sanctuary resources and qualities; (2) further the educational value of the sanctuary; (3) further salvage or recovery operations; or (4) assist in managing the sanctuary. Nothing has changed with any current permit procedures for any of these permit categories. This proposed regulation would limit the scope of activities available for consideration of a sanctuary permit. Specifically, permits would be available for activities that are prohibited by regulations at 15 CFR 922.82, except for: 1) exploring for, developing, or producing oil, gas or minerals; 2) introducing or otherwise releasing from within or into the Sanctuary an introduced species; and 3) interfering with, obstructing, delaying, or preventing an investigation, search, seizure, or disposition of seized property in connection with enforcement. This means that the sanctuary could not issue a permit for these three activities even if the proposed activity could qualify for a sanctuary permit category.

# Short-term Regulation on an Emergency Basis



## CBNMS

**Existing:** Where necessary to prevent immediate, serious, and irreversible damage to a Sanctuary resource, any activity may be regulated within the limits of the Act on an emergency basis for no more than 120 days.

**Proposed:** Extend to expansion area

## GFNMS

**Existing:** None

**Proposed:** No change

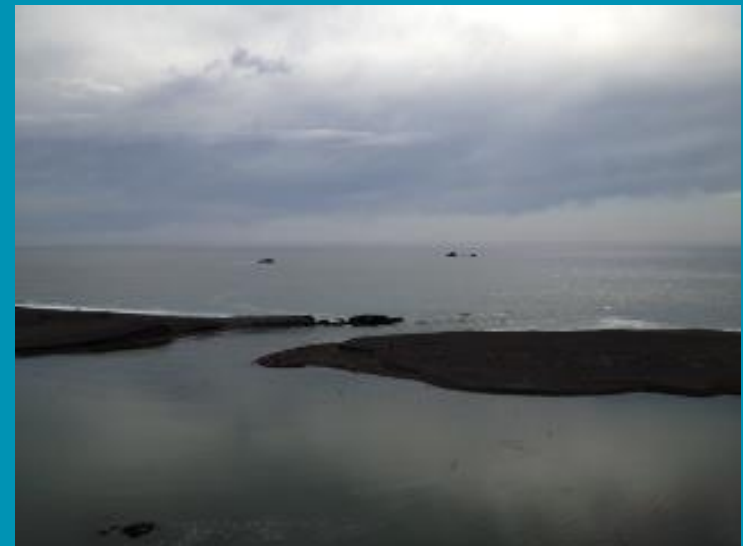
# Revised CBNMS and GFNMS Management Plan: Changes to Action Plans



Summary of edits and changes to all action plans:

- Updated all jurisdictional settings to cover proposed expansion areas.
- Updated strategies, activities and performance measures where appropriate to reflect proposed boundary expansion.
- Deleted activities that have been completed since the 2008 management plan.
- Added new strategies for activities and programs that have emerged since the 2008 management plan.

All goals and objectives for each action plan have remained the same. New strategies were only added if they met the goals and objectives of the action plan.





# Revised CBNMS Management Plan: Action Plans



Modified language in all Action plans to include proposed expansion area (e.g. maps or including Bodega Canyon in conservation science activities)  
Deleted activities from old plan that have been completed (e.g. krill protection)

## **Resource Protection Plan:**

- Added an activity addressing ship strikes and whales
- Added activity to support improved availability of pump out facilities

**Conservation Science Action Plan:** Added Strategy to consider additional research projects



# Revised GFNMS Management Plan: Issue-based Action Plans



**Water Quality Action Plan:** Updated strategies to apply to the proposed expansion area. There were no significant changes to any strategies or activities.

**Wildlife Disturbance Action Plan:** Updated strategies to apply to the proposed expansion area; added Seabird Protection Network strategy; added activities based on SAC recommendations to address vessel strikes and acoustic impacts; added White Shark Stewardship Program strategy; and included expansion area wildlife hotspots

**Introduced Species Action Plan:** Updated strategies to apply to the proposed expansion area; there were no significant changes to any strategies or activities.

**Ecosystem Protection Action Plan:** Updated strategies to apply to the proposed expansion area. Removed MLPA strategies that have been completed.

**Impacts from Vessel Spills Action Plan:** Updated strategies to apply to the proposed expansion area. Added integrating ACCESS data into Area Contingency Plan; added new strategy based on SAC recommendations, and removed completed strategies.

# Revised GFNMS Management Plan: Program-based Action Plans

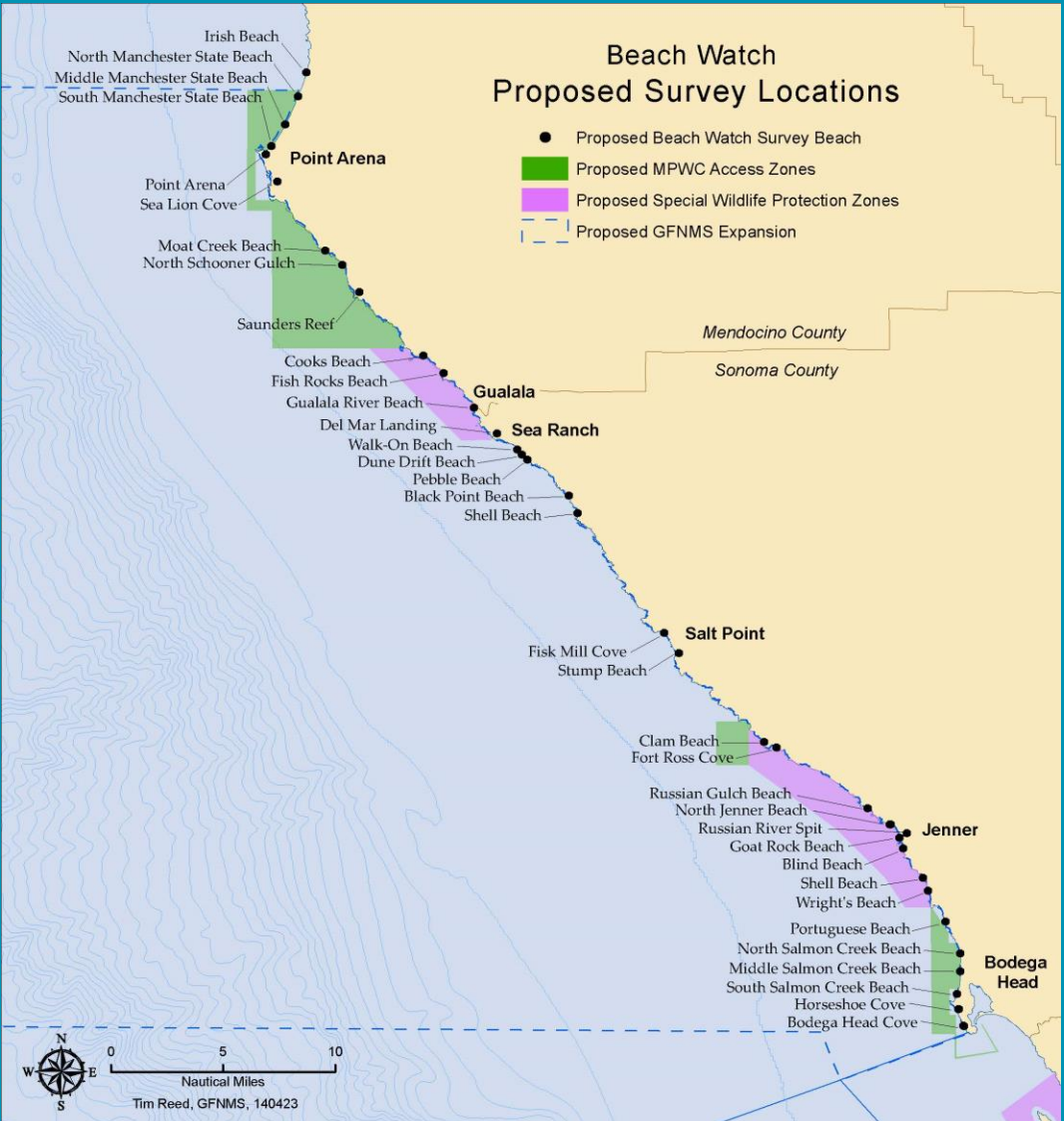


**Education and Outreach Action Plan**-Provides experiences to connect people to the ocean and involves the public in protecting the sanctuary and educating others about its wildlife and habitats. Updated Plan to include the expansion area and include Ocean Literacy principles.

**Conservation Science Action Plan**-Collects information on the health of sanctuary wildlife and habitats. Updated the Plan to include the expansion area



# Revised GFNMS Management Plan: Program-based Action Plans

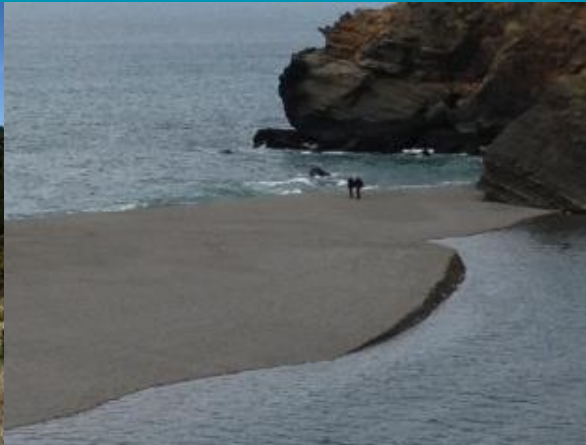


# Revised GFNMS Management Plan: Program-based Action Plans



**Resource Protection Action Plan-** Ensures sanctuary resources are protected against pollution, harm to wildlife, and destruction of habitat while allowing people to enjoy the sanctuary. New strategies and activities were added to address emergency response, damage assessment, restoration and climate smart conservation.

**Administration Action Plan-** Supports the site in achieving the goals of the management plan and increase protection of the resources, ecosystem and qualities of the sanctuary. Added activity to expand exhibits to the expansion area.



# Public Comment Period



## Public Comment Period Open Until June 30, 2014

### How to comment:

- At one of 4 public comment meetings
- U.S. Mail:  
Maria Brown, Sanctuary Superintendent  
Gulf of the Farallones National Marine Sanctuary  
991 Marine Drive, The Presidio  
San Francisco, CA 94129
- Through the Federal eRulemaking Portal docket number  
NOAA-NOS-2012-0228 at <http://www.regulations.gov>

# Public Hearings



May 22, 2014

U.S. Army Corps of Engineers Bay Model  
Visitor Center, 6 pm  
2100 Bridgeway Blvd., Sausalito, CA  
94965

Jun 16, 2014

Point Arena City Hall, 6 pm  
451 School St., Point Arena, CA 95468

Jun 17, 2014

Gualala Community Center, 6 pm  
47950 Center St., Gualala, CA 95445

Jun 18, 2014

Grange Hall, 6 pm  
1370 Bodega Ave., Bodega Bay, CA 94923

# Contact Information



Maria Brown: maria.brown@noaa.gov  
NOAA GFNMS  
991 Marine Drive, The Presidio  
San Francisco, CA 94129

Dan Howard: dan.howard@noaa.gov  
NOAA CBNMS  
P.O. Box 159  
Olema, CA 94950



[http://farallones.noaa.gov/manage/expansion\\_cbgf.html](http://farallones.noaa.gov/manage/expansion_cbgf.html)