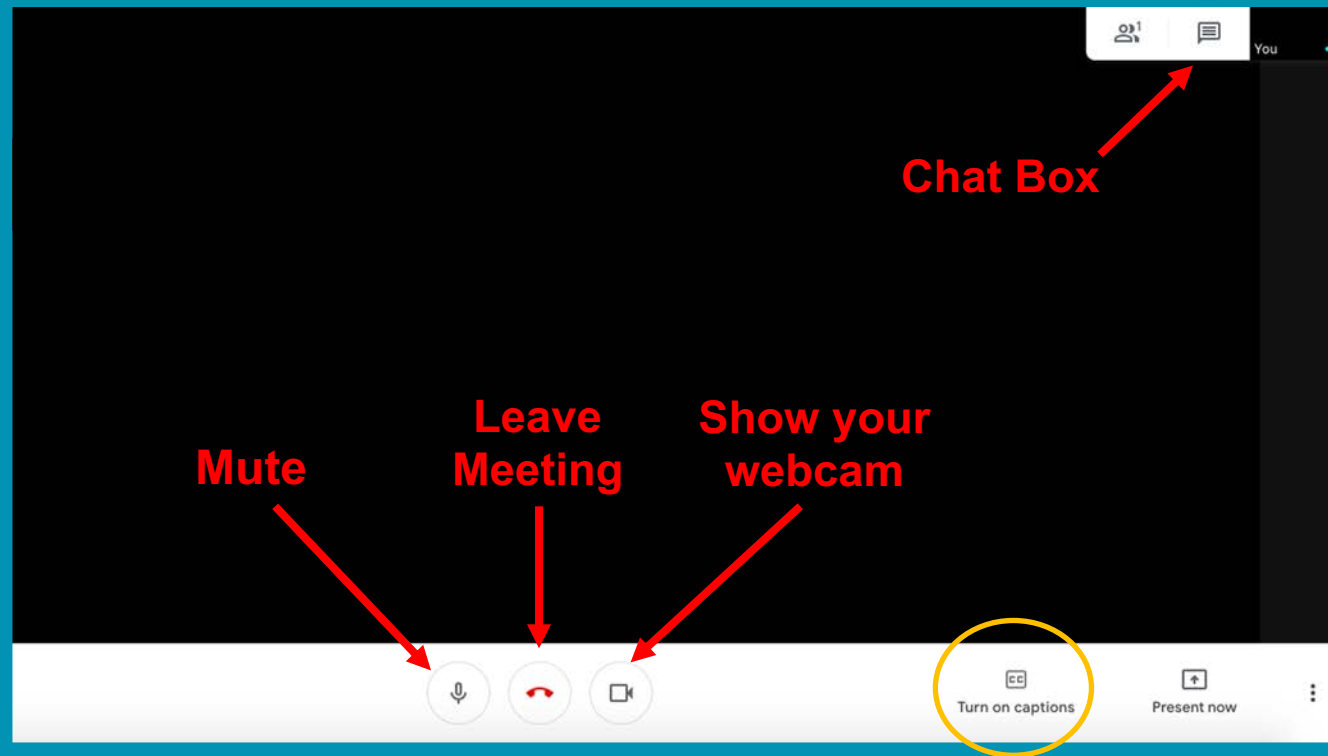


Welcome to the GFNMS Virtual SAC Meeting

**PLEASE MUTE
yourself to reduce
background noise.**

If you are using a
phone for audio:
Use *6 to mute and
unmute.

314-666-1672
PIN: 458 725 084#



Note the option to turn on captions

Roll Call

1. **Dominique Richard (Chair), CAL Marin Primary**
2. **Abby Mohan (Vice Chair), Recreational Activities Primary**
3. **Barbara Emley (Secretary), Commercial Fishing Primary**
4. Sarah Bates, Commercial Fishing Alternate
5. Joe Fitting, CAL SF/SM Primary
6. Kris Lannin Liang, CAL SF/SM Alternate
7. George Clyde, CAL Marin Alternate
8. Cea Higgins, CAL Sonoma/Mendo Primary
9. Nancy Trissel, CAL Sonoma/Mendo Alternate
10. Richard Charter, Conservation Primary
11. Bruce Bowser, Conservation Primary
12. Francesca Koe, Conservation Alternate
13. Kathi George, Conservation Alternate
14. Elizabeth Babcock, Education Primary
15. Bibit Traut, Education Alternate
16. John Berge, Maritime Activities Primary
17. Julian Rose, Maritime Activities Alternate
18. Joshua Russo, Recreational Activities Alternate
19. John Largier, Research Primary
20. Jaime Jahncke, Research Alternate
21. Ezra Bergson-Michelson, Youth Primary
22. Owen Youngquist, Youth Alternate

Government Members

23. Mark Gold, CA Natural Resources Primary
24. Michael Esgro, CA Natural Res. Alternate
25. Cicely Muldoon, NPS Primary
26. Ben Becker, NPS Alternate
27. LCDR Lee Crusius, USCG Primary
28. LT Jacob Joseph, USCG Alternate
29. Chris Barr, USFWS Primary
30. Gerry McChesney, USFWS Alternate

31. Paul Michel, MBNMS Primary
32. Dawn Hayes, MBNMS Alternate
33. Dan Howard, CBNMS Primary
34. Michael Carver, CBNMS Alternate
35. Chris Mobley, CINMS Primary
36. Michael Murray, CINMS Alternate



Time	Topic	Lead
8:30-9:00	Webinar Technology Check-in for SAC Members	Alayne Chappell, SAC Coordinator
9:00-9:15	Roll Call, Review Agenda	Alayne Chappell, SAC Coordinator
9:15-9:30	SAC Business <ul style="list-style-type: none"> - Swear in new members - Approve February meeting highlights (Action Item; virtual vote by roll call) 	Alayne Chappell, SAC Coordinator
9:30-10:00	Greater Farallones National Marine Sanctuary Superintendent's Report <ul style="list-style-type: none"> - Updates on sanctuary programs & moving forward during the coronavirus pandemic - Permit matrix and vessel groundings (documents distributed in advance) 	Maria Brown, GFNMS Superintendent
10:00-10:10	Cordell Bank National Marine Sanctuary Superintendent's Report	Dan Howard, CBNMS Superintendent
10:10-10:20	Monterey Bay National Marine Sanctuary Superintendent's Report <ul style="list-style-type: none"> - Management Plan Review Update 	Paul Michel, MBNMS Superintendent
10:20-10:30	BREAK	
10:30-10:45	PUBLIC COMMENT	
10:45-11:15	Presentation: Incorporation of SAC comments on Recreation and Tourism Promotion in GFNMS (Potential Action Item; virtual vote by roll call)	Carol Preston, GFNMS Staff
11:15-11:45	Presentation: GFNMS Response to SAC Tomales Bay Native Oyster Recommendations	Sara Hutto, GFNMS Affiliate
11:45-11:55	BREAK	
11:55-1:00	Member Reports	
1:00	ADJOURN	

SAC Business

Swear in New Members

- Kathi George, Conservation Alternate
- Ezra Bergson-Michelson, Youth Primary
- Owen Youngquist, Youth Alternate

Sanctuary Advisory Council Oath

I, [NAME], as a duly appointed member of the Greater Farallones National Marine Sanctuary Advisory Council, established under the National Marine Sanctuaries Act, hereby promise to assist in achieving the sanctuary program mission to conserve, protect and enhance the biodiversity, ecological integrity and cultural legacy of this special underwater place.

I recognize my responsibility to serve as a knowledgeable trustee of the sanctuary's resources and will always be protective of the public interest in those resources. I commit myself to uphold the provisions and standards set forth in the council charter, and I shall conduct myself accordingly.

SAC Business

Approve February meeting highlights (Action Item)

- Any edits? Please indicate in the Chat Box
- Virtual vote by roll call



GFNMS Superintendent's Report

Maria Brown

Enforcement Cases Updates

1. Bonanza Plane Crash in HMB

Date of Incident: 8/21/2019

Status as of April 2020: NOAA Office of Law Enforcement (OLE) case under investigation

2. F/V Marian in Tomales Bay

Date of Incident: Ongoing since 5/16/19

Status as of April 2020: OLE case under investigation

3. SUV Crash into Whale Cove (HMB)

Date of incident: 12/30/19

Status as of April 2020: Case closed

4. F/V Mandy Jane

Date of Incident: 12/18/19

Status as of April 2020: OLE case under investigation



GFNMS Superintendent's Report

Maria Brown

Enforcement Case Updates, cont'd

5. F/V Miss Haley

Date of Incident: 11/13/2020

Status as of April 2020: OLE case under investigation

6. F/V Blind Faith

Date of Incident: 5/10/2020

Status as of April 2020: OLE case under investigation

7. Wetland Vandalized

Date of Incident: 5/13/2020

Status as of May 19, 2020: Referring case to OLE

8. S/V Freedom

Date of Incident: 5/19/2020

Status as of May 19, 2020: Referring case to OLE



GFNMS Superintendent's Report

Maria Brown

Permit Type	Organization	Project	Effect. Date
Research	Bodega Marine Laboratory	Larval fish foraging in a mosaic of nearshore productivity hotspots and consequences for survival (offshore, Sonoma Co.)	Apr 2020 – Sep 2020
Education	Surfrider Foundation, Sonoma Coast Chapter	Temporary Course Marker Buoys at One-Day Paddle Race and Education Event (Doran Beach, Sonoma Co.)	Oct 3-4, 2020
Letter of Authorization (LOA) under Super's Permit	U.S. Fish & Wildlife Service and U.S. Coast Guard	Southeast Farallon Island Mooring Installations; East Landing and Fisherman's Bay (North Landing)	Feb 2020 – Dec 2020
Under Review			
TBD	Scripps Institution of Oceanography	Coastal Data Information Program - Sonoma Buoy (offshore of Jenner, Sonoma Co.)	TBD
TBD	Moss Landing Marine Labs	EPA National Coastal Condition Assessment (NCCA) – 2020 (In Tomales Bay, Marin Co.)	TBD
Research	Bodega Marine Lab	Tomales Bay Water Quality Buoy (in Tomales Bay, near Chicken Ranch Beach, Marin Co.)	TBD
Research	Bodega Marine Reserve	Programmatic Research Permit for Bodega Marine Reserve (offshore, various locations along Sonoma Co.)	TBD

GFNMS Superintendent's Report

Maria Brown

MULTI- PERMITS ISSUED BY OTHER ONMS SITES FOR WORK WITHIN GFNMS MANAGEMENT AREA (all reviewed by GFNMS permit coordinator prior to issuance)

Research	California Department of Fish and Wildlife	Aerial surveys for sea otters in Monterey Bay National Marine Sanctuary (Within NOAA Regulated Overflight Zones throughout MBNMS)	May 2020 - Jul 2022
Research	U.S. Geological Survey	Assessing sediment dynamic changes from human activities & storm impacts to the shoreline/sea cliffs of Monterey Bay National Marine Sanctuary	Jul 2020 – Jul 2023
Education/ Special Use Permit	Wild Space Productions	Netflix series on National Parks (Within MBNMS, at various NOAA Regulated Overflight Zones)	Feb 2020 - Feb 2021

GFNMS Superintendent's Report

Maria Brown

COVID-19 Impacts: Operations

- All staff are teleworking until further notice.
- The facilities and Visitor Center are closed to the public.
- All site-based operations have been put on hold.



Just Joining? Please stay muted.

GFNMS Superintendent's Report

Maria Brown

COVID-19 Impacts: Ecosystem Protection

- Tomales Bay mooring surveys prior to the June inspections have been cancelled.
- The Seabird Protection Network's major outreach events for both pilots and boaters have been cancelled. The team is pivoting to online events and presentations.
- The Kent Island volunteer invasive species removal program is on hold until at least September. The Green Crab removal program in Seadrift Lagoon is being modified to a 2-person operation and may be able to occur over the summer.



GFNMS Superintendent's Report

Maria Brown

COVID-19 Impacts: Conservation Science

- All Beach Watch surveys are cancelled. Waiting for approval for staff surveys. Beach Watch staff have increased virtual training and enrichment information.
- Working on COVID-19 alternative scenario planning, PPE procurement, and impact reports to HQ and funders.
- May ACCESS cruise is cancelled. Status of future cruises unknown.



GFNMS Superintendent's Report

Maria Brown

COVID-19 Impacts: Education

- All school and public in person programs have been cancelled.
- Due to program cancellations, about 30-40% of GFA education budget was impacted from loss of program fees.
- School and public programs, plus volunteer and docent programs, have been moved to an online format.

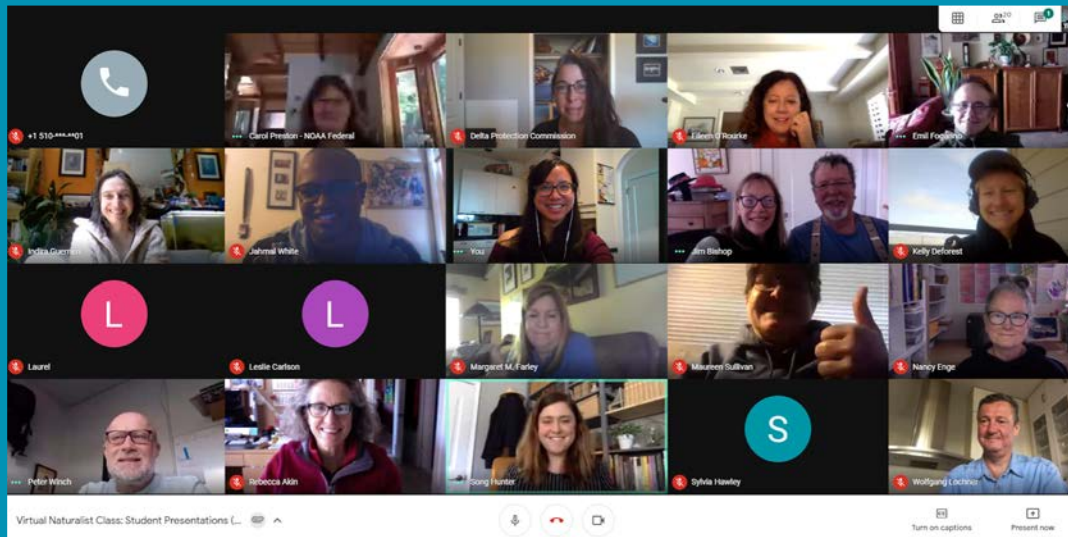


GFNMS Superintendent's Report

Maria Brown

New Online Educational Programs

- Graduated 23 new sanctuary naturalist volunteers
- Hosting virtual Visitor Center field trips.
- Developing virtual family programs.



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GFNMS Superintendent's Report

Maria Brown

Office of National Marine Sanctuaries Highlights

- Chumash Heritage NMS nomination five-year review. Public comment period closes June 15.
- Notice of Proposed Rulemaking for Flower Garden Banks expansion. Public comment period closes July 3.
- Capitol Hill Ocean Week 2020 virtual conference Tuesday, June 9 (capitolhilloceanweek.org).



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CBNMS Superintendent's Report

Dan Howard

- Howard back in action
- CBNMS budget
- MOAs with NPS and Cordell Marine Sanctuary Foundation – recognize staff CB and GF

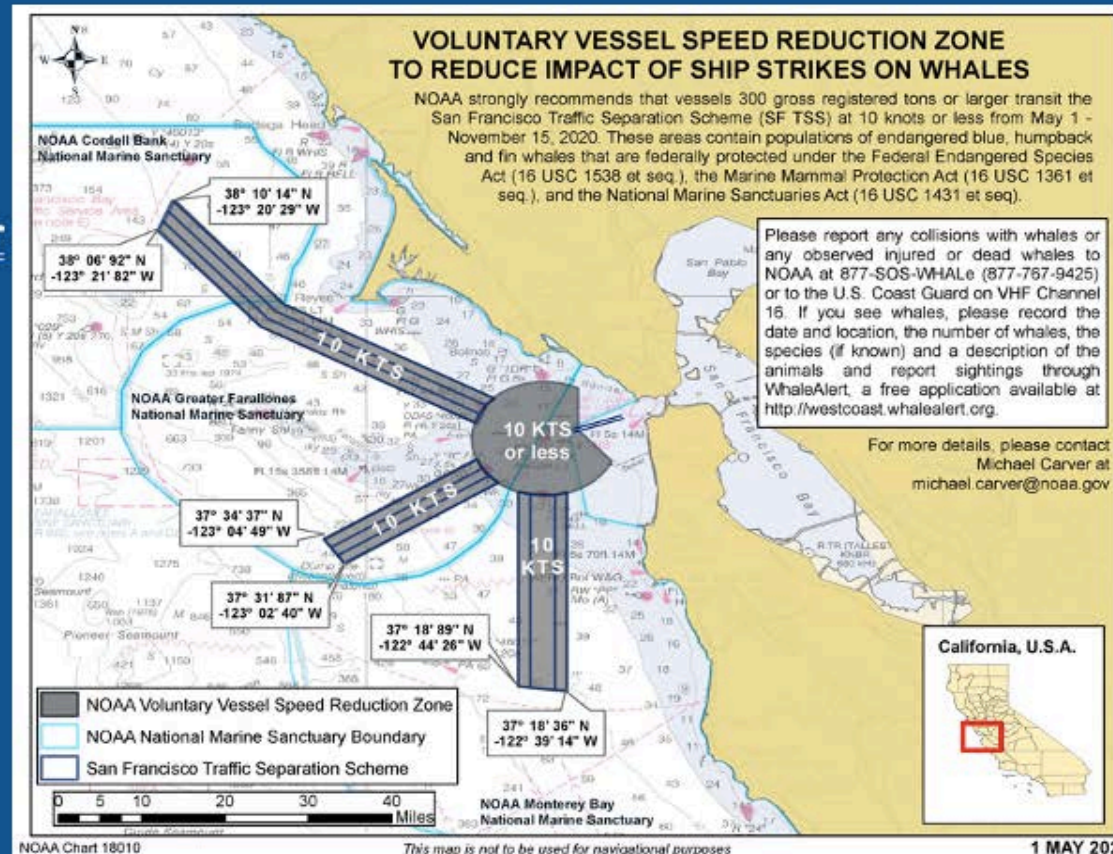


CBNMS Resource Protection

Vessel Speed Reduction

Dan Howard

- Sent out 2019 Assessment Report Cards to Shipping Companies
- 2019 vessel cooperation rate increased from 45% to 58% in SF Bay Area
- Sent out 2020 letter co-signed by WCR director, NMFS director and USCG
- Working with NOS on an economic impact assessment of the VSR
- We have better coordinated our communication to the shipping industry so graphics, letters and requests are the same from Southern California and SF Bay Area.



CBNMS Resource Protection

CDF&W Trap/Gear Recovery Program

Dan Howard

- Effective upon closure of the 2019-20 commercial Dungeness crab season
- Lost or Abandoned Commercial Dungeness Crab Trap Gear Retrieval Permit
- Retrieval Permittee, who is required to contact the Dungeness crab vessel permit holder



CBNMS Education & Outreach

Dan Howard



Exploring Cordell Bank and Greater Farallones National Marine Sanctuaries: an online presentation with Office of National Marine Sanctuaries and Exploring by the Seat of your Pants!



May 27th 1:00 PM

Highlights from the 2019 E/V Nautilus expedition

Geared towards younger audiences and families

Register here: <https://sanctuaries.noaa.gov/live/watch.html>

CBNMS Conservation Science

Dan Howard

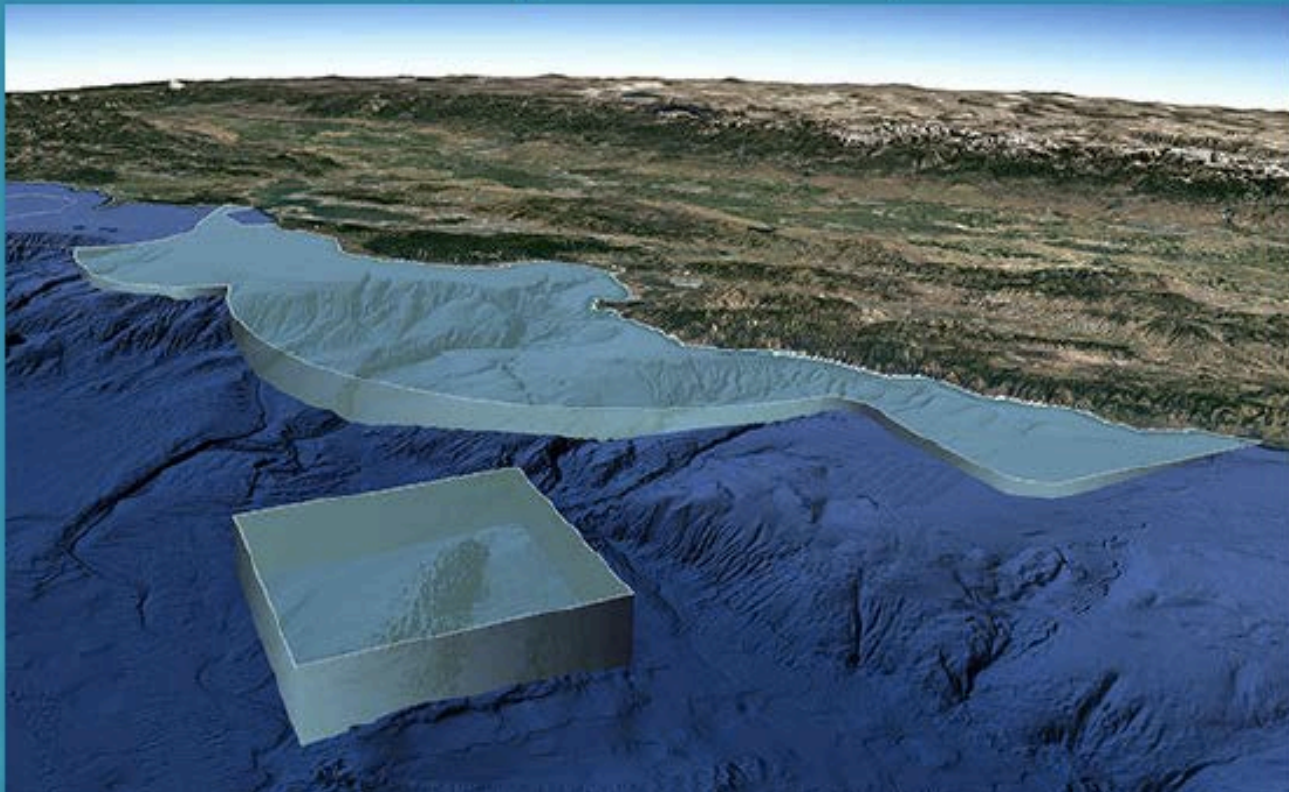
- May ACCESS cruise cancelled. Standing by on September cruise.
- NOAA research vessels are not currently operational (July ACCESS)
- Revision of Condition Report in underway – Dani Lipski
- Drafting report for the ROV dives completed in CBNMS during 2018 cruise on NOAA vessel Bell Shimada which was in partnership with GFNMS
- CBNMS is updating species inventory database – new entry is *Lamellibrachia* spp., tube worm observed during the 2019 Nautilus ROV dive. (1790-1820 m)



MBNMS Superintendent's Report

Paul Michel

Monterey Bay National Marine Sanctuary Update
Management Plan Review
Paul Michel, Superintendent, MBNMS



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MBNMS Superintendent's Report

Paul Michel

Management Plan Review Status – 5/21/2020

- We are Close!
- Mgmt Plan and EA drafts done, waiting on Rule to clear
- Proposed Rule with DOC for clearance
- Anticipate publication in Federal Register early June
- Anticipate public comment period thru July up to August SAC meeting (8/21)
- Anticipate public meeting/presentation on Plan and Rule in mid-July via webinar

10-min BREAK



Matt McIntosh, NOAA

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PUBLIC COMMENT 10:30-10:45am

Please unmute yourself when called on to provide your verbal comment.

If you are having trouble unmuting, please let us know in the Chat Box or text 415-730-4789

We are also accepting written comments until 5pm today. Email your comment to alayne.chappell@noaa.gov

Public Comment: Richard James



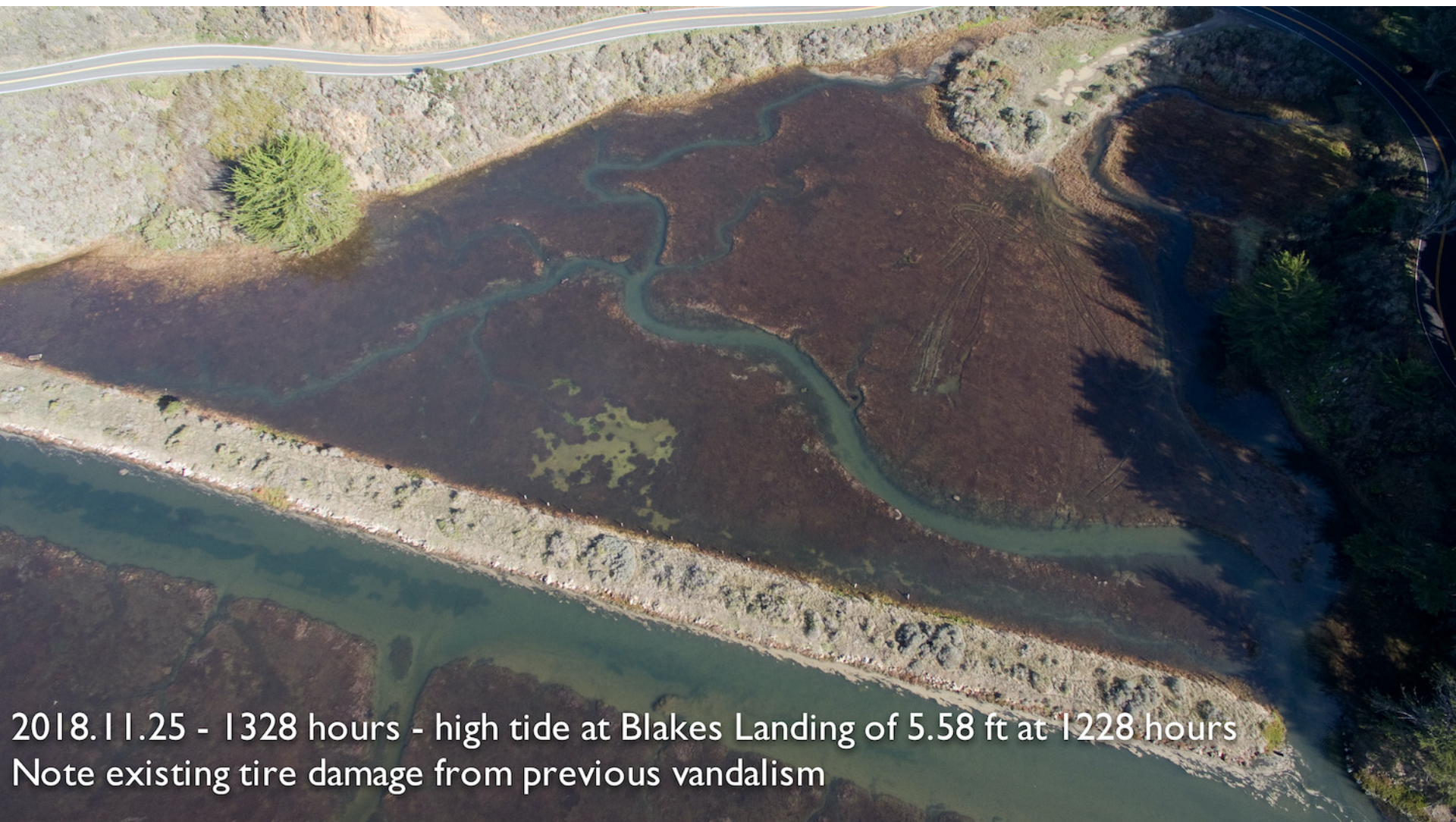
© Richard James + coastediana.org

collected from Point Reyes beaches between 16 Dec, 2019 and 2 Jan, 2020





2020.05.14 - Damage to wetland by white SUV on 13 May, 2020



2018.11.25 - 1328 hours - high tide at Blakes Landing of 5.58 ft at 1228 hours
Note existing tire damage from previous vandalism

PUBLIC COMMENT 10:30-10:45am

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National Marine Sanctuaries
National Oceanic and Atmospheric Administration



Recreation & Tourism Blue Economy



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Vision

for Sustainable Recreation and Tourism

Greater Farallones National Marine Sanctuary is an international model protecting the health of the North-central California coast and ocean, and promotes sustainable sanctuary recreation.



Goals



- 1) People who participate in recreation and/or tourism within GFNMS are aware that they are in a sanctuary.
- 2) People who participate in recreation and/or tourism within GFNMS know the purpose of the Sanctuary is: To protect the wildlife and habitats of one of the most diverse and bountiful marine environments in the world.
- 3) People who participate in recreation and/or tourism within GFNMS 'are made aware of &' practice good stewardship during their activities.

Biosphere Reserve Designation



United Nations
Educational, Scientific and
Cultural Organization



Man and
the Biosphere
Programme

Biosphere reserves are areas comprising terrestrial, marine, and coastal ecosystems are designated “learning places” for testing different sustainable approaches. Each reserve also aims to reconcile biodiversity conservation and the sustainable use of natural resources.



Biosphere Reserve Sustainability Goals

Goal 11: Sustainable Cities: Make cities and human settlements inclusive, safe, resilient, and sustainable.

Goal 14: Sustainable Life Below the Water: Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.

Goal 15: Sustainable Life on Land: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

United Nation's Brundtland Commission defined sustainability as "meeting the needs of the present without compromising the ability of future generations to meet their own needs."



Publications



GFNMS Road Trip
On Line



Marin Sonoma Travel Tourism Guide
40,000 copies distributed x 2x/year



Programs

Year Round GIYS Series



Visitor Center is located in major tourist destination area



FREE! **BEACH TO BRIDGE WILDLIFE WALK**
 Wednesdays 9 am & 4 pm
 June 19 through September 18, 2019

EXPLORE THE SHORE WITH OUR EXPERT MARINE BIOLOGIST!
 Greater Farallones National Marine Sanctuary invites you to search for shorebirds, seabirds, crabs, and sea lions – we may even see porpoises or whales!

Learn about San Francisco Bay and the Farallones sanctuary, home to dolphins, whales, a quarter-million seabirds, and white sharks!

One-hour stroll to the Golden Gate Bridge including beach combing along Crissy Beach in San Francisco's Presidio.

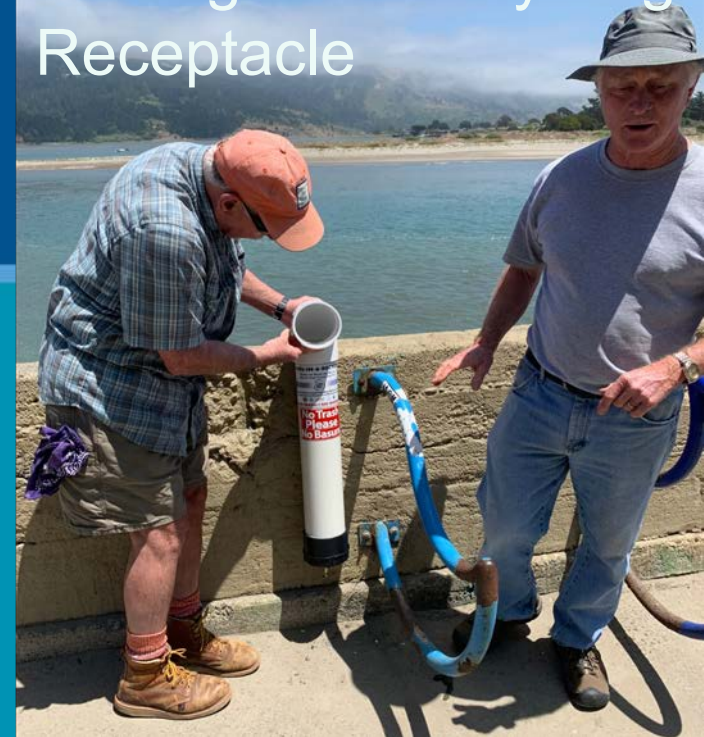
GREATER FARALLONES
 Office of National Marine Sanctuaries
 National Oceanic and Atmospheric Administration

Recreation & Tourism Stewardship Programs

Fly Seabird Safe



Fishing Line Recycling
Receptacle



White Shark Dive Tours
Education Permit Program



Kayak Seabird Safe



Exhibits & Signs



Welcome to The Whale Trail Point Arena Light Station

Watch for Whales

Situated on a peninsula that is the closest point on the continental United States to Hawaii, the Point Arena Light Station offers some of the most dramatic and diverse marine mammal watching on the northern California coast. Whales, seals, sea lions, porpoises and dolphins are frequently spotted from the bluffs of the 23 acre grounds, and it is always exciting to see them from the top of the 133-foot Lighthouse Tower, tallest on the Pacific coast.

The Lighthouse Tour Guides communicate between the Museum and Tower when they sight these marine mammals, and the aptly named Whale Watch Room includes binoculars to zoom in on the passing creatures.

Gray Whale Adult length: 29-30 feet
Look for gray whales in winter and spring, as they migrate close to shore from their Arctic and northern feeding grounds to their Mexican and southern California calving sites.

Blue Whale Adult length: 83-100 feet
Endangered blue whales, the largest animals ever to have lived on Earth, feed here in summer and fall on huge swarms of krill. Scan the horizon for their tall, slender blows rising to more than 25 feet.

Humpback Whale Adult length: 49-50 feet
Commonly seen in summer and fall, humpback whales feed here on distinctive krill and schools of anchovies and sardines. They are famous for leaping clear of the water and landing with a thunderous splash.

Risso's Dolphin Adult length: 6-11 feet
Risso's may be seen any time of year in pods ranging from two to 1,000 animals. These active dolphins are deep divers and mainly hunt at night for squid.

Orca (Killer Whale) Adult length: 28-32 feet
Orcas are the largest members of the dolphin family, and work together to catch their prey. Feared on the food chain, these marine mammals hunt for gray whales and seals. Less commonly seen, endangered resident ocean monk seals are hunted along this coast.

California Sea Lion Adult length: 8-11 feet
Noddy sea lions pack onto rocks on rock together in the water to "huff" sweat and cool. They hunt offshore for fish and squid.

Harbor Seal Adult length: 5-6 feet
Shy and curious, harbor seals rest on offshore rocks and often watch people on the shore. In spring, they congregate on protected beaches for pup births and nurse their young.

Whale Trail logo and logos for the National Marine Sanctuaries, Point Arena Light Station, and the National Park Service.

GREATER FARALLONES & MONTEREY BAY NATIONAL MARINE SANCTUARIES

Sea Life in These Waters

Some of the world's richest waters occur right off the San Francisco coast. An explosion of life occurs here due to a combination of the sun's energy, wind, ocean currents, and contours of the sea floor. Microscopic phytoplankton form the base of the food web, which are fed upon by zooplankton and fish, providing a feast for seabirds, seals, whales, sharks, and humans. Greater Farallones and Monterey Bay national marine sanctuaries protect this ocean wilderness through research, education, conservation, and stewardship. National marine sanctuaries balance compatible commercial and recreational activities, while protecting these ocean treasures today and for future generations.

Look for the gray whale (blue) on the left (top) of the page. Monitor marine mammals and seabirds (black) on the right (top) of the page.

The California sea lion (orange) is a common sight along the coast.

The hooded murre (black) is a common sight along the coast.

Some of the world's richest waters occur right off the San Francisco coast.

Being the 2nd largest city in the world, San Francisco is a major hub for the region.

San Francisco is a major hub for the region.

San Francisco is a major hub for the region.

San Francisco is a major hub for the region.

San Francisco is a major hub for the region.

Your Turn – Ideas & Input

- 1) Airbnb Experiences
- 2) Kelp Restoration Recreation Stewardship Program
- 3) Blue Star Program for 'On the Water' Recreational Vendors with ONMS
- 4) Other



NATIONAL MARINE
SANCTUARIES

GREATER FARALLONES



GREATER
FARALLONES
ASSOCIATION

Council Recommendations for Tomales Bay Native Oyster Restoration

Sanctuary Response

Thursday May 21, 2020

11:15 – 11:45

Sara Hutto

Climate Program Coordinator

Background and Context

August 2018: Council approved formation of “Tomales Bay Native Oyster Restoration Working Group”

March – May 2019: Working group met 3 times

August 2019: Council approved 24 recommendations

Today: Sanctuary presenting final 26 activities

2020 - 2021: Sanctuary to develop action plan to implement activities

Breakdown of final activities

Revisions:

- 17 retained (minor revisions)
- 5 modified
- 1 removed
- 1 combined with other
- 4 new: 3 research, 1 for permitting language

Implementation:

- 9 “Lead” by the Sanctuary
- 8 “Partner” with others
- 9 “Forward” to others

10-min BREAK & Member Reports...



Bob Wilson, GFA

Just Joining? Please stay muted.