

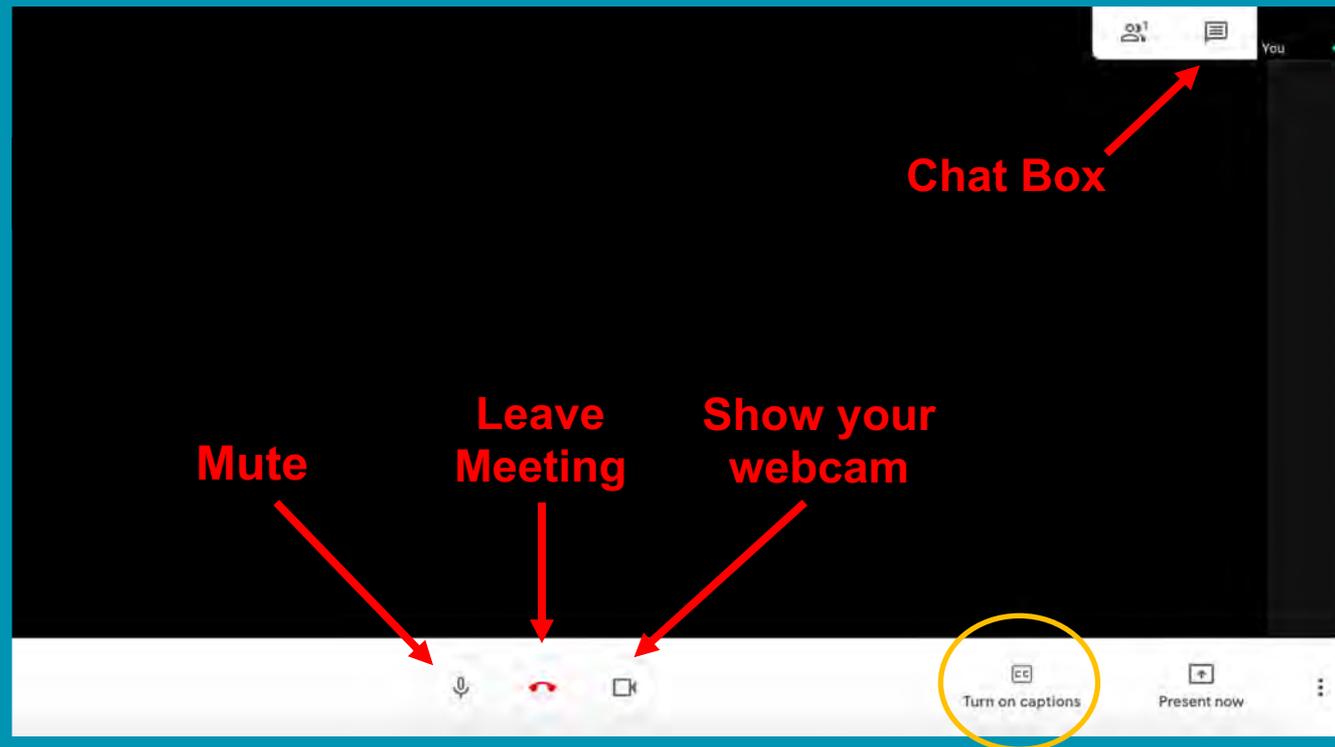
Welcome to the GFNMS Virtual SAC Meeting



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

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

+1 641-812-2321
PIN: 135 736 466#



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. Bibit Traut, Education Alternate
15. John Berge, Maritime Activities Primary
16. Julian Rose, Maritime Activities Alternate
17. Joshua Russo, Recreational Activities Alternate
18. John Largier, Research Primary
19. Jaime Jahncke, Research Alternate
20. Ezra Bergson-Michelson, Youth Primary
21. 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. Jennifer Boyce, NFMS Primary

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
9:00-9:10	Welcome, Roll Call, Review Agenda	Alayne Chappell, SAC Coordinator
9:10-9:20	SAC Business <ul style="list-style-type: none"> - Approve May and June meeting highlights (Action Item) - Recruitment update - SAC retreat update - New ONMS SOP for recording SAC meetings 	Alayne Chappell, SAC Coordinator
9:20-9:50	Greater Farallones National Marine Sanctuary Superintendent's Report <ul style="list-style-type: none"> - Permit matrix - Covid-19 re-entry plans and field operations - 2019 emissions inventory - 2020 Get Into Your Sanctuary virtual events 	Maria Brown, GFNMS Superintendent
9:50-10:00	PUBLIC COMMENT	
10:00-10:10	BREAK	
10:10-10:20	Cordell Bank National Marine Sanctuary Superintendent's Report	Michael Carver, CBNMS Deputy Superintendent
10:20-11:20	Monterey Bay National Marine Sanctuary (MBNMS) Superintendent's Report <ul style="list-style-type: none"> - Management Plan Review: Northern Management Area 	Paul Michel, MBNMS Superintendent
11:20-12:20	MBNMS Management Plan Review: SAC Q&A and Discussion (Potential Action Item)	Dominique Richard, SAC Chair
12:20-12:30	BREAK	
12:30-12:50	SAC Subcommittee Reports <ul style="list-style-type: none"> - Pacifica Exclusion Zone Subcommittee Report - Recreation & Tourism Subcommittee Report - Diversity & Inclusion Subcommittee Report 	Dominique Richard, SAC Chair
12:50-1:00	Sanctuary Enforcement Update	Rad Dew/Daniel Glick, NOAA OLE Jacob Joseph, USCG
1:00-2:00	Member Reports	
2:00	ADJOURN	

SAC Business



1. Retreat planning update

- Thurs. 10/1 9am-1pm: Climate (ocean indicators, blue carbon & NNOCCI training)
- Fri. 10/2 1-5pm: Sanctuary priorities, SAC accomplishments/workplan and SAC social

2. New SAC Handbook & Recording SOP

- Waiver sent via email

3. Recruitment Update

- Application Review Panel

4. Subcommittees: Limited to 2 active at a time

SAC Business



Approve May & June Meeting Highlights (Action Item)

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



GFNMS Superintendent's Report

Maria Brown

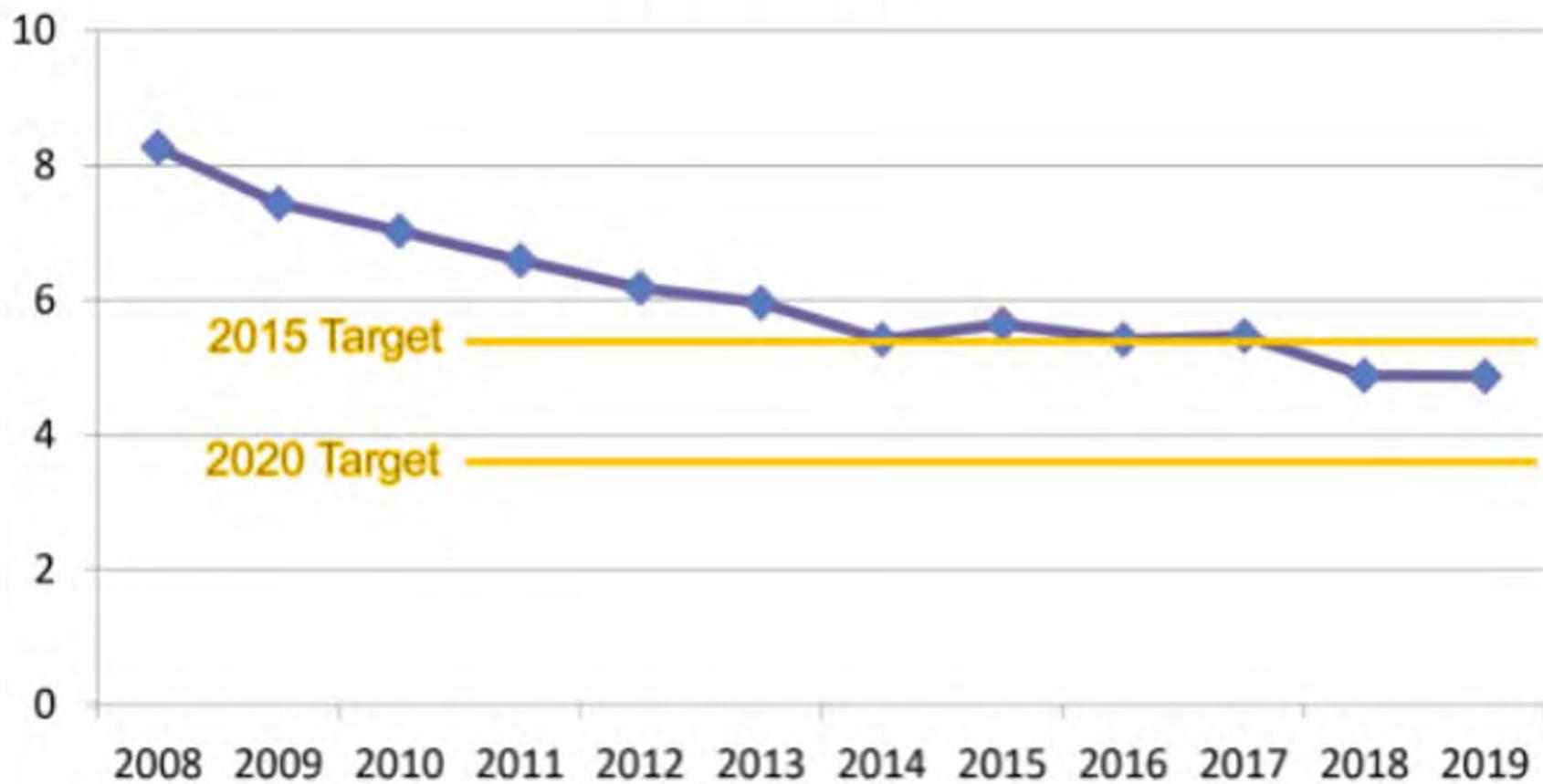


Operations

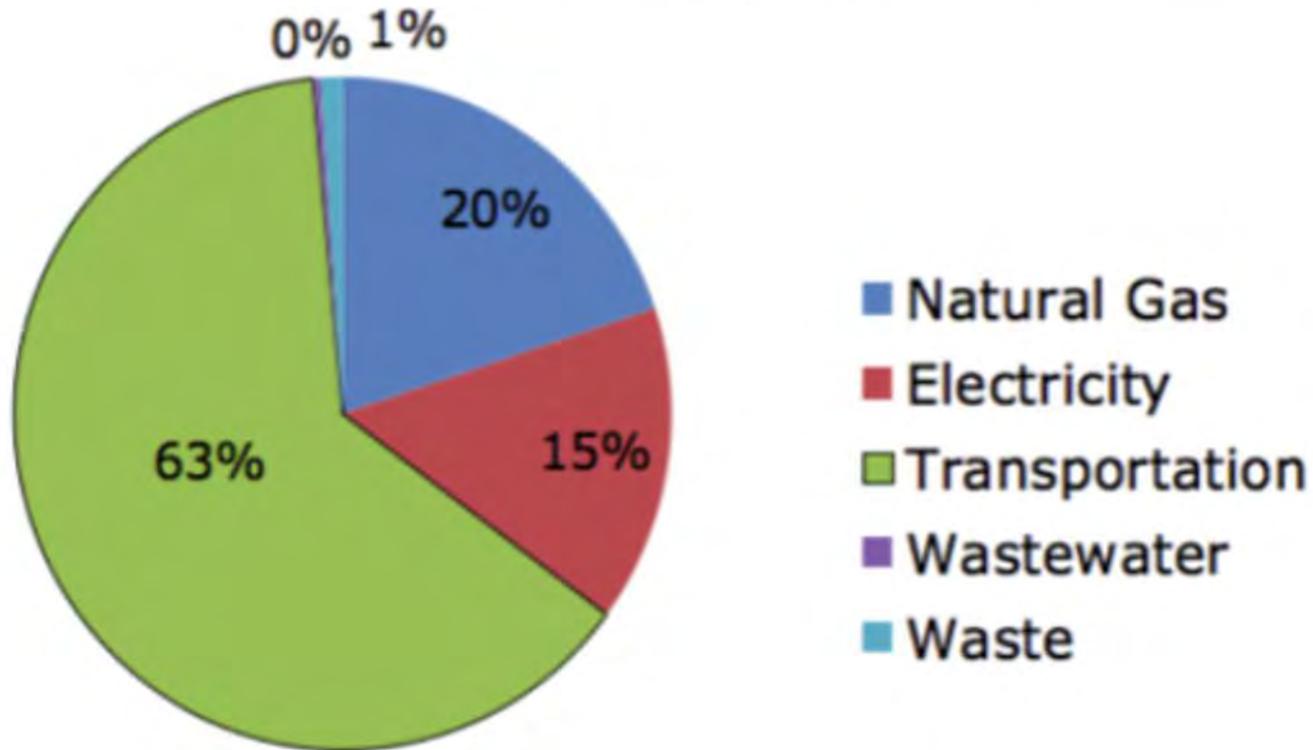
- All staff are teleworking until further notice
- The facilities and Visitor Center are closed to the public
- Still in Phase 0; preparing for Phase 1
- 2019 Emissions Inventory



Per Capita Emissions by Year (MTCO₂E)



2019 Percent of Total Emission by Sector



GFNMS Superintendent's Report

Maria Brown



Ecosystem Protection

- The Seabird Protection Network held two successful virtual events
- Green crab removal underway in Seadrift Lagoon
- Kelp UAV surveys scheduled for the fall



GFNMS Superintendent's Report

Maria Brown



Permit Type	Organization	Project	Effect. Date
Research	Moss Landing Marine Labs	EPA National Coastal Condition Assessment (NCCA) – 2020 (Within GFNMS, at one location in Tomales Bay, in Marin County)	May 21, 2020
Research	Bodega Marine Lab	Tomales Bay Water Quality Buoy (Within GFNMS, in Tomales Bay, near Chicken Ranch Beach, in Marin County)	June 24, 2020
Research	Stanford University and Oregon State University	Ecology and Population Dynamics of Sharks in the Northeastern Pacific (At multiple sites within MBNMS and GFNMS)	July 2 and July 29, 2020
Research	Sea Ranch Coastal Task Force	Using Micro-Unmanned Aerial System Flights to Monitor Coastal Seabird Nesting Activity at Gualala Point Island (GPI) (Within GFNMS, at Gualala Point Island)	July 2, 2020
Research	Coastal Monitoring Associates	Timer Release for Rope-less Traps (Within GFNMS, within Bodega Bay)	August 5, 2020
Letter of Authorization (LOA) under Super's Permit	Marin County Parks	Removal of two Monterey pines from Bolinas Lagoon (Within GFNMS, in Bolinas Lagoon)	July 2, 2020

GFNMS Superintendent's Report

Maria Brown



Under Review

TBD	Stanford	The sandy beach microbiome: physical, chemical and biological controls on diversity and function (Within GFNMS at Stinson Beach)	TBD
TBD	Greater Farallones Association and Nature Conservancy	Unmanned Aerial System surveys of bull kelp canopy along Sonoma and Mendocino county coastline (9 sites within GFNMS NOAA Regulation Overflight Zones 1 and 2 along the Sonoma Coast)	TBD
TBD	Ocean Safaris LLC	Ocean Safaris offering educational eco-tourism to the Gulf of the Farallones to view White Sharks for the general public (Southeast Farallon Island)	TBD
TBD	Bodega Marine Reserve and Laboratory	Programmatic Research Permit for Bodega Marine Reserve (Within GFNMS, offshore of the BML; various locations along the adjacent Sonoma coast)	TBD
MULTI-PERMITS ISSUED BY OTHER ONMS SITES FOR WORK WITHIN GFNMS MANAGEMENT AREA (all reviewed by GFNMS permit coordinator prior to issuance)			
Research	U.S. Geological Survey	Assessing sediment dynamics changes from human activities and storm impacts to the shoreline and sea cliffs of Monterey Bay National Marine Sanctuary (Within MBNMS)	May 11, 2020

GFNMS Superintendent's Report

Maria Brown



Conservation Science

- Beach Watch surveys resumed in July
- Nautilus cruise scheduled for the fall. Public can view via NautilusLive.org
- July ACCESS cruise cancelled



GFNMS Superintendent's Report

Maria Brown



Online Education

- Spring 2020 virtual classroom
- 3 summer camps completed online:
 - WAVES with Seven Tepees Youth Program
 - Marine Explorers Camp
 - Mission Y
- Virtual Get Into Your Sanctuary events: 321 people tuned in
- Upcoming virtual Sharktoberfest: Sept 26



PUBLIC COMMENT 9:50-10:00am

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 415-531-3266

We are also accepting written comments until 2pm today. Email your comment to alayne.chappell@noaa.gov

10-min BREAK



Bob Wilson, GFA

CBNMS Report

Michael Carver, Deputy Superintendent



- Updating CBNMS condition report. We have two data indicators workshops – Fall 2020, Spring 2021
- 2020 species inventory continues. Added 241 new species (so far) from 11 sources.
- NOAA white ships and small boats – minimal to no activity for majority of FY20
- Hypoxia mooring work – completed by BML staff
- FY21 ROV cruise postponed

CBNMS Report

Michael Carver, Deputy Superintendent



- New report from 2017 Nautilus surveys
- New report from 2018 Shimada surveys

FIRST CHARACTERIZATION OF DEEP SEA HABITATS IN CORDELL BANK NATIONAL MARINE SANCTUARY



E/V Nautilus cruise: August 6-12, 2017

Report completed December 2019
by Kaitlin Graiff & Danielle Lipski

Kaitlin.Graiff@noaa.gov Danielle.Lipski@noaa.gov

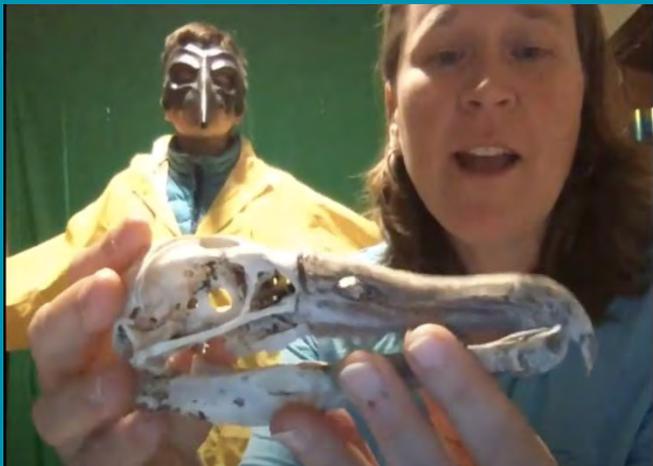
CBNMS Report

Michael Carver, Deputy Superintendent



Virtual Outreach

- NOAA Live! - Archive on YouTube
- ONMS webinar series: Nautilus highlights from 2019
- Environmental Action Committee: World Ocean Day
- Get into your Sanctuary Day- Facebook Live
- Cordell Website new home page and web stories

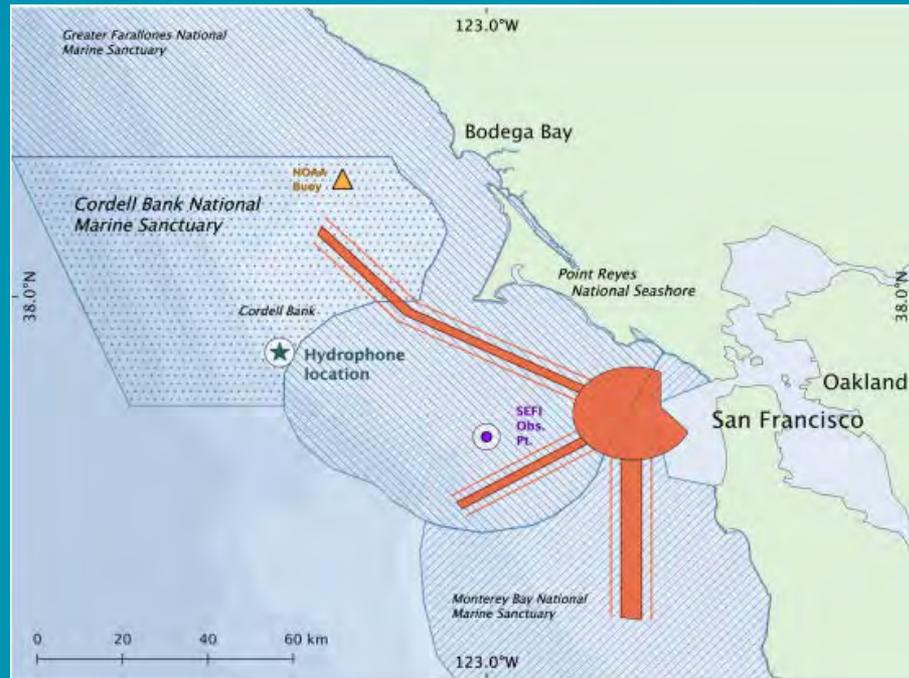


A screenshot of a video call interface. On the left, there is a small video window showing a woman speaking. On the right, there is a list of seven points about the ocean. A small image of the Earth is visible on the far right.

1. The Earth has one big ocean with many features
2. The ocean and life in the ocean shape the features of the Earth
3. The ocean is a major influence on weather and climate
4. The ocean made Earth habitable
5. The ocean supports a great diversity of life and ecosystems
6. The ocean and humans are inextricably connected
7. The ocean is largely unexplored

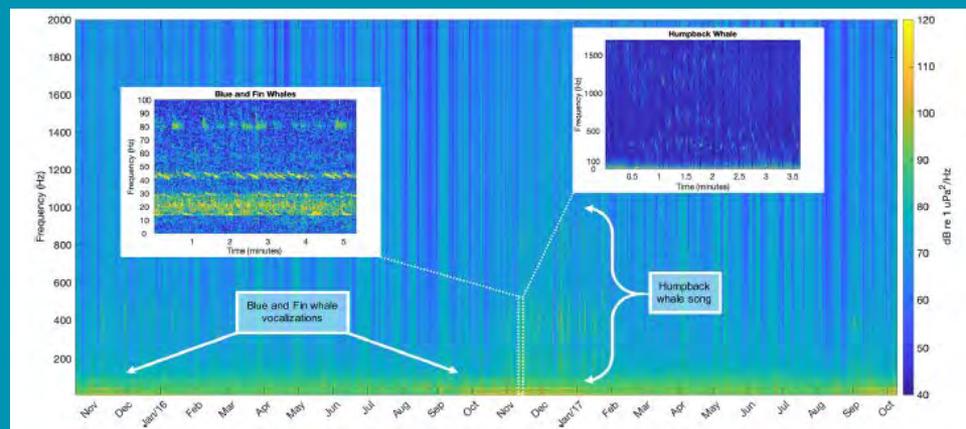
CBNMS Report

Michael Carver, Deputy Superintendent



Sanctuary Soundscape

- 2 years of continuous recording
- Provides a soundscape of CBNMS and GFNMS
- Ships and whales are dominant sources of sound
- Seasonal fluctuations driven by whales – highest in the fall
- Shows the presence of whales when we do not have visual observations



MBNMS Report

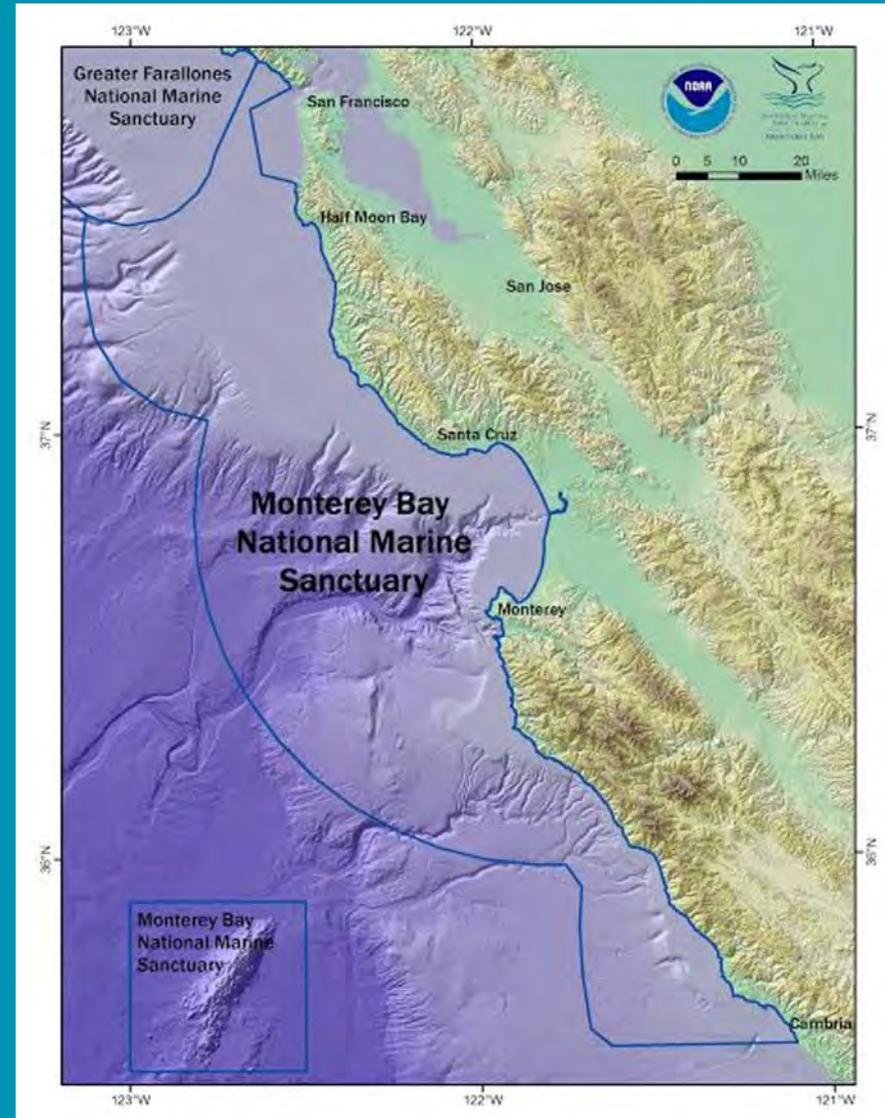
Paul Michel, Superintendent



Management Plan Review GFNMS Advisory Council Meeting

*Draft Management Plan
Proposed Rule
Draft Environmental Assessment*

*Paul Michel
August 24, 2020*

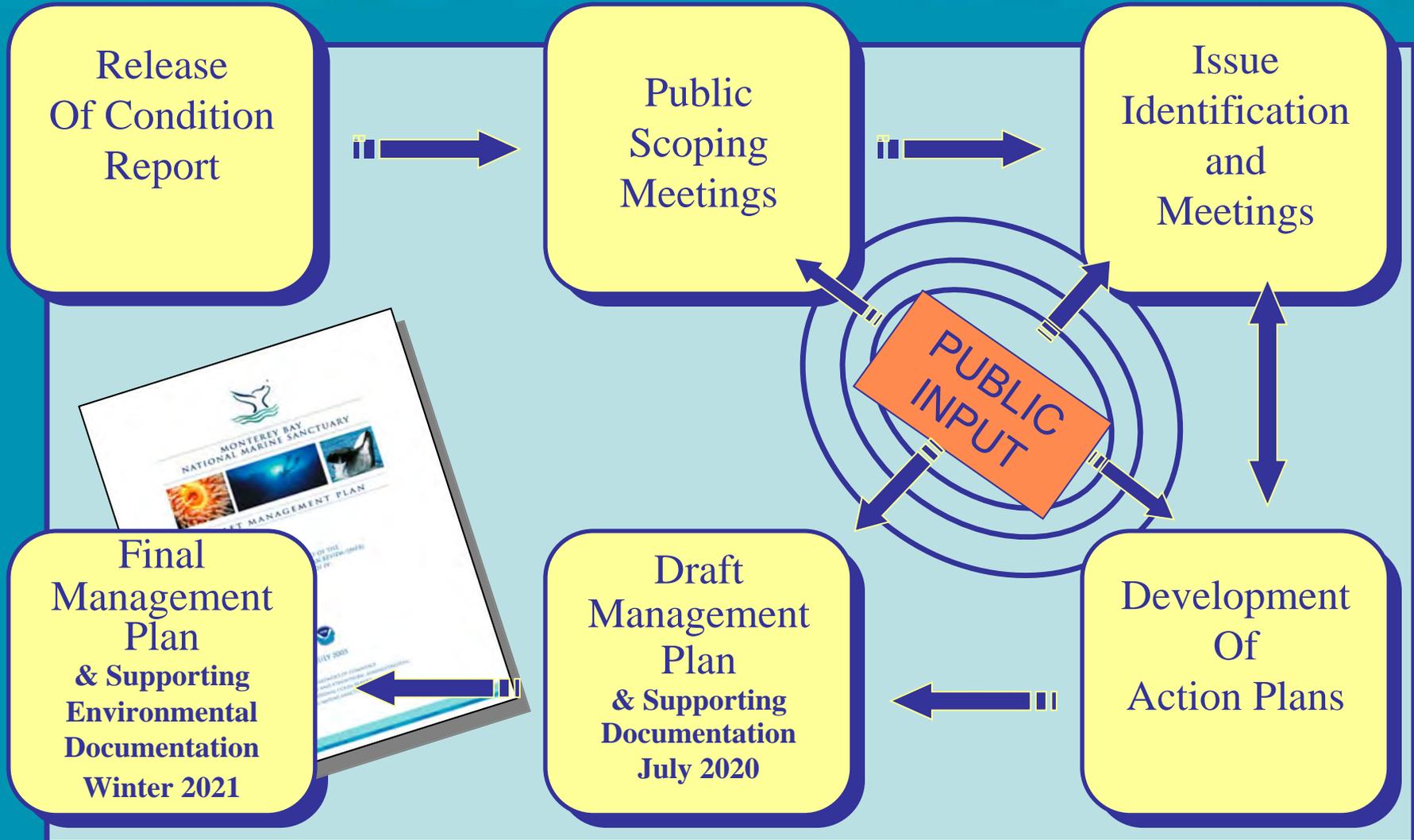


Presentation Purpose



- 1) Provide an overview of the management plan review process and draft documents
- 2) Hear comments from the Association
- 3) Provide information about how to find the full documents and provide further comment

Management Plan Review Process



Participatory Public Process



- Public Scoping Meetings
- Advisory Council Working Group input (MB/GF)
- Presentations and discussion with Advisory Councils
- Comment meetings
 - July 23rd (Public comment meeting)
 - August 21st (MBNMS Advisory Council meeting)
 - August 24th (GFNMS Advisory Council meeting)

MBNMS Draft Management Plan



14 Action Plans

2 Categories

Issue Based Action Plans

Programmatic Action Plans

Issue Based Plans



- Wildlife Disturbance
- Climate Change
- Coastal Erosion and Sediment Management
- Davidson Seamount
- Emerging Issues
- Introduced Species
- Marine Debris
- Water Quality

Programmatic Plans



- Education, Outreach and Communications
- Operations and Administration
- Marine Spatial Planning
- Maritime Heritage
- Research and Monitoring
- Resource Protection

MBNMS Proposed Regulations



- Add a definition for the phrase “beneficial use of dredged material”
- Modify the prerequisite conditions for motorized personal watercraft access to the riding zone at Mavericks surf break
- Change the size and shape of four motorized personal watercraft zones to improve access
- Make a minor technical correction to document the list of exempted Department of Defense activities at the Davidson Seamount Management Zone

Draft Environmental Assessment



3 Alternatives Assessed

- Alternative A, no change, continue with current management plan
- Alternative B, new management plan, no new regulations
- Alternative C (preferred), new management plan and new regulations

Draft Environmental Assessment



Summary of Conclusions

- The continued operation and management of MBNMS, the revision of the sanctuary management plan and adoption of revised regulations would have an overall beneficial effect on resources within the sanctuary.
- Because the management plan is a broad, guidance document, many of the anticipated beneficial effects would be indirect, resulting from MBNMS efforts to:
 - 1) improve public understanding of ocean stewardship issues;
 - 2) further scientific understanding of sanctuary ecosystems and cultural and historical resources;
 - 3) implement resource protection and maritime heritage programs; and
 - 4) implement regulations to limit stressors on marine resources.

Draft Environmental Assessment



Summary of Conclusions

- Some actions proposed under all alternatives would have adverse effects on resources. These adverse effects include:
 - 1) disturbance of the seafloor and benthic habitat from marker buoy deployment and sampling activities; and
 - 2) disturbance of wildlife through research and monitoring of species.

In all cases, adverse effects were found to be less than significant because NOAA conducts these activities on a small scale.

- Cumulative effects of the actions proposed would be less than significant because the actions (both beneficial and adverse) are small in scale and localized.

Timeline



Documents released July 6, 2020

Close of comment period September 4, 2020

Public meetings:

July 24 (Public comments)

August 21 (MBNMS AC mtg)

August 24 (GFNMS AC mtg)



Next Steps



- Complete public comment period
- Compile, categorize, and analyze comments
- Draft responses to comments and submit for approval
- Revise documents (MPs, Regs. and DEA) where appropriate
- Release Final MP/EA (Fall 2020)
- Publish Record of Decision (final Regs.) (Spring 2021)

Ways to comment



- Comment today
- Comment online directly to [regulations.gov](https://www.regulations.gov) use docket # NOAA-NOS-2020-0094
- E-mail comments to:
mbnmsmanagementplan@noaa.gov
- Web address:
<https://montereybay.noaa.gov>



NATIONAL MARINE
SANCTUARIES TM

Real-time SAC Discussion

SAC comments on the MBNMS Draft Management Plan:

Dredge:

SAC Comment: It should be noted in the MBNMS Management Plan that suitable dredge materials for beach restoration are available from other harbors and other dredge sources.

- Motion to submit this comment: Passed

SAC Comment: More clarity on definitions of “clean material” and “harmful matter” is needed.

- Motion to submit this comment: Passed

Personal Watercraft Zones:

SAC Comment: The SAC reiterates their previous resolution regarding elimination of zone 1, but also supports more study and assessment.

- Motion to submit this comment: Passed

10-min BREAK



Bob Wilson, GFA

SAC Subcommittee Updates

- 1. Pacifica Exclusion Zone Subcommittee**
- 2. Recreation and Tourism Subcommittee**
- 3. Diversity and Inclusion Subcommittee**

Enforcement Update



Recent Enforcement Activity

1) 25-foot Bayliner grounded at Francis Beach

Date of Incident: 6/7/2020

Status: Closed

2) 40-foot Pleasurecraft Abandoned offshore between Point Arena and Gualala

Date of Incident: 7/7/2020

Status: Referred case to OLE

3) S/V Playtime abandoned offshore of Albion

Date of Incident: 8/2/2020

Status: Referring case to OLE



USCG D11 Brief to the Sanctuary Superintendent

Greater Farallones National Marine Sanctuary SAC Meeting 24AUG20



Operational highlights (FY20Q2/Q3):

- 21 C-27 Flights (Approx. 150 patrol hours).
- 14 WPB Patrols (~430 patrol hours).

Future actions:

- Major cutter patrol in/IVO GFNMS
- Advance enforcement programs w/in GFNMS
- Advance COTP relationship
- Integrate non-enforcement CG personnel into SAC
- Develop/exercise enforcement partnerships

Member Reports