

# 80<sup>th</sup> HIHWNMS Sanctuary Advisory Council Meeting

Tuesday, July 14, 2020

8:30 am – 11:30 am

Public Comment: 10:30 am

## Aloha & Welcome

With the exception of the public comment portion of the meeting, the 80th Hawaiian Islands Humpback Whale National Marine Sanctuary advisory council will be audio recorded for the purposes of accurately developing meeting minutes. All public comments received, including any associated names, will be captured and included in the written meeting minutes, will be public, and will be maintained by the HIHWNMS advisory council coordinator as part of its administrative record.



National  
Marine Sanctuary  
Foundation

8:30 AM – 9:00 AM

## WELCOME

- Roll call (Cindy)
- Introductions of new/current SAC members (Sol Kaho'ohalahala)

# NEW SAC MEMBERS



**Kawika Winter**  
Conservation Primary



**Maya Walton**  
Education Primary



**Robyn Ehrlich**  
Education Alternate



**Jayne LeFors**  
Hawai'i Island  
Representative Primary



**Bob Gladden**  
Hawai'i Island  
Representative Alternate



**Chad Wiggins**  
Ocean Recreation  
Primary

# NEW & RETURNING SAC MEMBERS



**Sol Kaho'ohalahala**  
Lāna'i Island  
Representative Primary



**Jim Coon**  
Whale Watching  
Primary



**Sherry LeMaster**  
Whale Watching  
Alternate



**Maka'ala Ka'auomoana**  
Kaua'i Island  
Representative Primary



**Nina Monasevitch**  
Kaua'i Island  
Representative Alternate



**Jens Currie**  
Research Primary

# RETURNING & CURRENT SAC MEMBERS



**Magen Schifiliti**  
Tourism Alternate



**Greg Nielson**  
Tourism Primary



**James Kelleher**  
Commercial Shipping Primary



**Shoko Ogata**  
Ocean Recreation  
Alternate



**Roxane**  
**Keli'ikipikāneokolohaka**  
Native Hawaiian Primary

## CURRENT SAC MEMBERS

### **Thorne Abbott**

Business/Commerce  
Primary

### **Malia Akutagawa**

Moloka'i Island  
Representative Primary

### **Kevin Kelly**

Business/Commerce  
Alternate

### **Maxx Phillips**

O'ahu Island  
Representative Primary

### **Nicole Hoku Cody**

Conservation  
Alternate

### **Anabelle Padilla**

Youth-Member Primary  
(Non-voting)

# CURRENT GOVERNMENT MEMBERS



## **Cameron Black**

State of Hawai'i Dept. of  
Business, Economic  
Development, and Tourism

## **Mary Alice Evans**

State of Hawai'i Dept. Office of  
Planning

## **Alec Wong**

State of Hawai'i Dept. of  
Health

## **Jeff Walters**

National Marine Fisheries  
Service, Pacific Islands Area  
Office

## **Athline Clark**

Papahānaumokuākea MNM  
Superintendent (NWHI Coral  
Reef Reserve 2002)

## **Linda Speerstra**

U.S. Army Corps of Engineers

## **Janice Fukawa**

U.S. Navy

# CURRENT GOVERNMENT MEMBERS

**Jeannine Rossa**

State of Hawai'i Division of  
Aquatic Resources

**Sandra Rossetter**

State of Hawai'i Dept. of  
Transportation - Harbors  
Division

**Brad Wong**

Office of Hawaiian Affairs  
(Voting)

**Malie Norman**

U.S. Coast Guard

**Joshua DeMello**

Western Pacific Regional  
Fisheries Management Council  
(Voting)

**TBD**

National Marine Fisheries  
Service, Office of Law  
Enforcement

# APPROVE NOVEMBER 12, 2019 MEETING MINUTES

(SEE IN HANDOUTS OF CONTROL PANEL)



## NON-GOVERNMENT (Voting)

Thorne Abbott  
Business Commerce  
James Kallidar  
Commercial Shipping  
Barbara (Maka'ala) Kamekona  
Conservation  
Julieth Lemus  
Education  
Myrick (Rick) Gaffney  
Fishing  
Steve Turner  
Hawaii Island  
Maxx Phillips  
O'ahu Island  
Nina Menezovich  
Lana'i Island

Selwyn (Pili) Kaho'ohalahala  
Lana'i Island  
Robin Newbold  
Hawaii Island

Malia Akutagawa  
Moloka'i Island  
Roxane Keli'ikipikāneokolohaka  
Native Hawaiian

Jim Cox  
Ocean Recreation  
Mark Deakos  
Research  
Craig Nielsen  
Tourism

Tara Lantz  
Whale Watching  
Amabella Padilla  
Joshi (non-voting)

## GOVERNMENT (Non-Voting)

Mary Alice Evans  
DEEDT - Office of Planning

Cameron Black  
DEEDT Renewable Energy  
Jeannine Rossa  
Division of Aquatic Resources

Alec Wang  
DOH

Sandra Rosetter  
DOT - Harbor

Karla Lindsey  
OHA (Fishing)

Athline Clark  
Papahānaumokuākea MNL

Jeffrey Pulkak  
NOAA OLE

Jeff Walters  
NOAA Fisheries PIR0

Eric Kingma  
WESPAC (Fishing)

Linda Sporadis  
US Army Corps of Engineers

Malle Norman  
US Coast Guard

Janice Fukawa  
US Navy

## Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Council

### 79<sup>th</sup> MEETING MINUTES

Tuesday, November 12, 2019 10:00 am – 3:00 pm

Mokupāpapa Discovery Center, 76 Kamehameha Ave, Hilo, HI 96720

### Attendance (\*Online)

**Primary SAC council members present:** Business – Kevin Kelly, Conservation - Maka'ala Ka'auomoa, Education - Judy Lemus, Hawai'i Island - Steve Turner, Kaua'i Island-Nina Monasevitch, Lāna'i Island - Sol Kaho'ohalahala, Maui Island - Robin Newbold, Moloka'i Island – Malia Akutagawa, O'ahu Island – Maxx Phillips, Native Hawaiian – Roxane Keli'ikipikāneokolohaka, Whale Watching – Tara Leota, Ocean Recreation – Jim Coon, Research – Mark Deakos, Energy Office – Cameron Black\*, Dept. Office of Planning – Justine Nihipali\*, WESPAC – Joshua DeMello, NOAA NMFS PIR0 - Jeffrey Walters\*, PMNM – Moani Pai, U.S. Navy - Janice Fukawa\*, U.S. Coast Guard – Maile Norman\*, HIIHWNMS Sanctuary Superintendent – Allen Tom and ONMS PIR Director – Kristina Kekuewa

**Alternate SAC council members present:** Business/commerce – Kevin Kelly and Fishing – Phil Fernandez

**ONMS Staff and presenters:** Cindy Among-Serrao, Ed Lyman\*, Marc Lammers\*, and Mokupāpapa Discovery Center staff

### Welcome

- Protocol was done to invite folks into the center and welcome to the place. Mahalo to Moani Pai, MDC staff and Native Hawaiian SAC representative Roxane Keli'ikipikāneokolohaka for protocol

### Council Business

- Review and approval of August 13, 2019 Meeting Minutes
  - Approved unanimously.
- Introductions of new SAC members
- In progress: SAC recruitment currently in progress with applications being accepted until December 17, 2019. Application reviews and the selection process will commence following last day to submit application

### Superintendent Update (Allen Tom)

- Brief update was provided by sanctuary superintendent regarding Ocean Guardian program with Kapa'a High School, upcoming Kaua'i, Ocean Discovery Center, how to get involved or support sanctuary initiatives and more. Detailed sanctuary highlights and activity reports since last meeting can be requested from [Cindy.Among-Serrao@noaa.gov](mailto:Cindy.Among-Serrao@noaa.gov) or found on our website.

### State of Hawai'i Update (Jeannine Rossa)

- Introduction of Jeannine Rossa our current Acting Sanctuary Co-Manager, Department of Land and Natural Resources, Division of Aquatic Resources State co-manager
- Brief updates were given on different projects happening with the state and quick status update on management plan



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Thorne Abbott  
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Education  
Myrick (Rick) Gaffney  
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Alec Wang  
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Sandra Rosetter  
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Karla Lindsey  
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NOAA Fisheries PIR0

Eric Kingma  
WESPAC (Fishing)

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US Army Corps of Engineers

Malle Norman  
US Coast Guard

Janice Fukawa  
US Navy

## Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Council

- Visit website to learn more <https://dlnr.hawaii.gov/dar/>

### Regional Director Update (Kristina Kekuewa)

- Acting Pacific Islands Regional Director, Kristina Kekuewa provided a quick update on major events and updates within the region. Hawaiian Islands Humpback Whale National Marine Sanctuary, National Marine Sanctuary of American Samoa and Papahānaumokuākea Marine National Monument make up the Pacific Islands Region for the NOAA Office of National Marine Sanctuaries
- Visit website to learn more <https://sanctuaries.noaa.gov/about/pacific.html>

### History and Tour of Mokupāpapa Discovery Center (MDC Staff)

- Papahānaumokuākea Marine National Monument (PMNM) staff provided SAC members with a tour of the Mokupāpapa Discovery Center allowing members to learn about the history and variety of displays depicting PMNM
- Visit website to learn more <https://www.papahānaumokuākea.gov/>

### Video: Explore the Blue: 360 Hawaiian Experience

- SAC members got a first look at the 360 degree video that was created for HIIHWNMS
- View the video at <https://youtu.be/3XDSaUo-Pg>

### HIIHWNMS Science/Resource Protection Update (Marc Lammers/Ed Lyman)

- Research Coordinator, Marc Lammers presented on the 2019-2020 whale season research activities such as: "the blob", SanctSound project, Wave glider mission into PMNM, Vessel transect, tagging studies and more
- Natural Resource Specialist, Ed Lyman presented on the sanctuary health and risk assessment monitoring, and entanglement response programs which include topics on: continuation of health and risk monitoring cruises, community based transects, documentation and new tools/strategies, drone use for response efforts, entanglement response network trainings and more

- Copy of Ed and Marc's presentations can be found on our website at <https://hawaiihumpbackwhale.noaa.gov/management/advisory/>

### Upcoming Events (Cindy Among-Serrao)

- Ocean Count: The 2019 ocean count events had over 1,300 volunteers who participated with over 2,286 members of the public stopping by during the events to learn more about the program, the sanctuary, and humpback whales. The 2020 event dates were presented in addition to the site leader volunteer training dates. The 2020 ocean count t-shirt design was shown and members of the SAC suggested adding our kapa whale tail to the design.

### Next Steps

- Potential 2020 SAC meeting dates were discussed (April 7, August 4, and November 17) and locations. Mutual consensus agreed that next meeting would be held on O'ahu

*"The opinions and findings of this letter/publication do not necessarily reflect the position of the sanctuary, the National Oceanic and Atmospheric Administration or the State of Hawai'i."*



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Roxane Keli'ikipikāneokolohaka  
Native Hawaiian

## Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Council

- Process for selection of new members led to the creation of a SAC recruitment review sub-committee. Five members volunteered to be a part of the sub-committee to ensure SAC participation during the initial selection process of the current recruitment

- Acknowledgements were made for departing members: Rick Gaffney, Satra Kauka, and July Lemus

### Public Comment

- One member of the public provided a written letter for public comment. The individual could not stay for the entire meeting. Written letter expanded on how this meeting was a great opportunity to learn about the sanctuary and if there's interest for staff or SAC members to take part in his Sierra group. Scanned copy of letter will be added to this document.

### Additional Discussions/Questions during Meeting

- Potential future agenda and action items on:
  - The 5G drone project testing on Lina'i and what are the impacts to health and habitats of terrestrial and marine life including humans
  - U.S. Navy work utilizing sonar and special operation activities cause for humpback whale and community concern. Encourage more sanctuary and Navy coordination on activities done in and around sanctuary boundaries
  - Incorporate more culture within sanctuary activities including research, outreach and more

3:01 pm Meeting Adjourned

*"The opinions and findings of this letter/publication do not necessarily reflect the position of the sanctuary, the National Oceanic and Atmospheric Administration or the State of Hawai'i."*

## 8:30 AM – 9:00 AM

- Brief review and summary of previous issues, action items, and status (Cindy)
  - Completed: SAC recruitment
  - In progress: Future meeting topics such as toxoplasmosis impacts and cultural integration with strandings and more

**9:00 AM – 9:20 AM**

**SAC 101 (CINDY AMONG-SERRAO)**



# National Marine Sanctuary Advisory Council: Orientation for New Council Members

Presented 7/14/20 by Cindy Among-Serrao, HIHWNMS advisory council coordinator



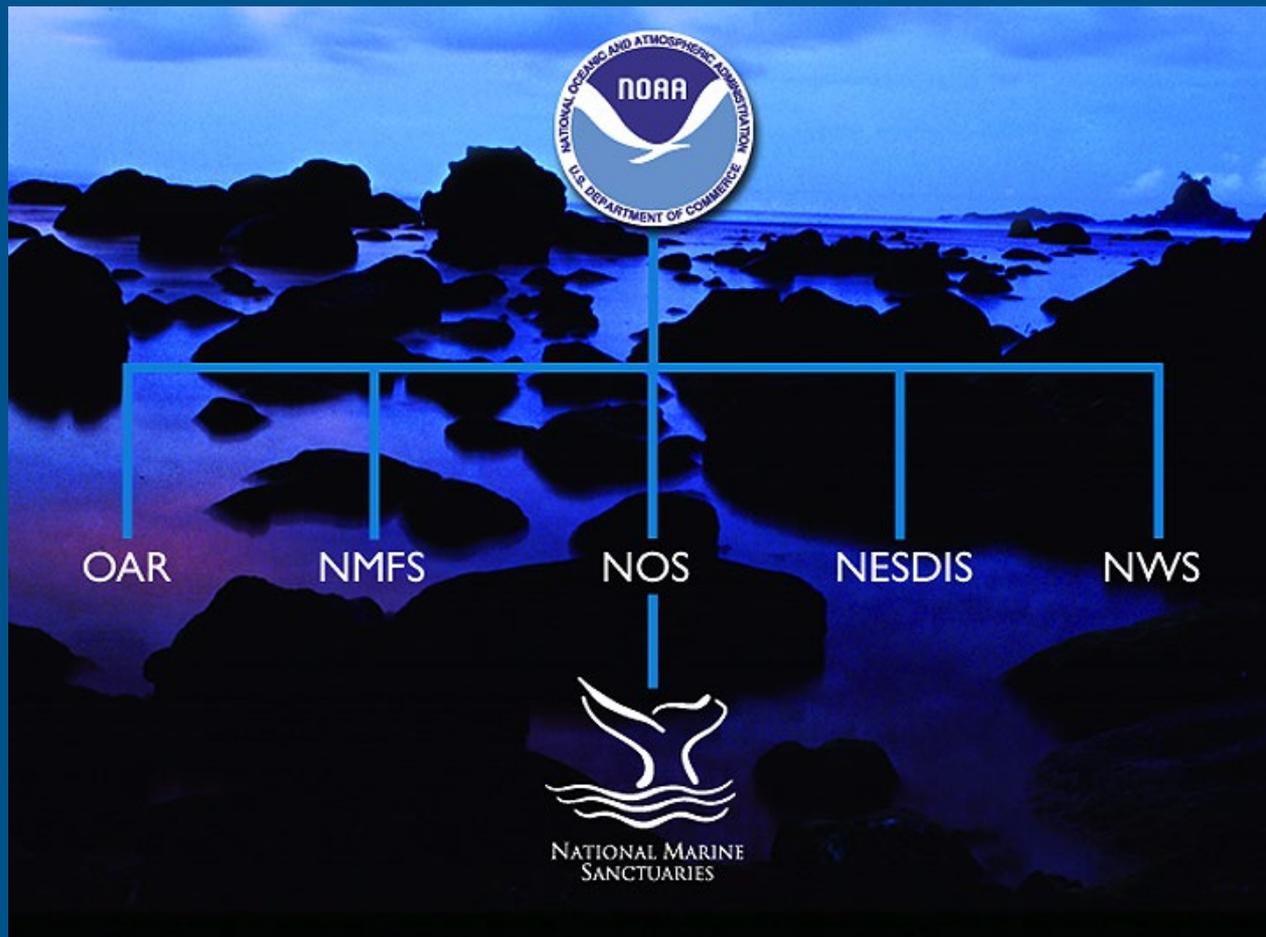
# National Marine Sanctuaries

*“Areas of the marine environment with special conservation, recreational, ecological, historical, cultural, archaeological, or esthetic qualities...”*

-- National Marine Sanctuaries Act (Sec. 301)



# Sanctuaries are part of the National Oceanic and Atmospheric Administration (NOAA)



# National Marine Sanctuaries Act (NMSA)

- US history of recognizing and conserving land of national significance
- Growing recognition that certain marine areas possess “conservation, recreational, ecological, historical, research, education, or aesthetic qualities” of national or international significance
- Existing protections or laws were lacking or uncoordinated
- Protecting areas important for future generations
- Advisory councils may be established; these are exempt from the Federal Advisory Committee Act

# NMSA

- First passed in 1972 under Nixon administration, modified/strengthened 15 times
- Establishes process for designating areas of national significance
- Provides authority for regulating areas
- Goal to promote scientific research and education
- Purpose – to facilitate “to the extent compatible with the primary objective of conservation, all public and private uses of resources not otherwise prohibited”
- For more information about the NMSA:  
<http://sanctuaries.noaa.gov/about/legislation/>

# National Marine Sanctuary System



# Office of National Marine Sanctuaries

## Vision

A thriving sanctuary system that protects our nations underwater treasures and inspires momentum for a healthy ocean.



# Office of National Marine Sanctuaries



## Mission

We protect  
treasured places  
in the Ocean and  
the Great Lakes

# National Marine Sanctuaries

- Raising public awareness and understanding through education and outreach.
- Improving management through research (e.g., historical, conservation science, social science).
- Helping coastal economies by promoting and protecting healthy resources.
- Facilitating public use compatible with primary objective of resource protection.



# Regional Office of National Marine Sanctuaries (ONMS) Structure

- Four regions – Northeast & Great Lakes, Southeast, West Coast, Pacific Islands
- Regional collaborations (research cruises, outreach programs, maritime heritage, Fishery Management Councils, policy issue coordination)
- ONMS headquarters is in Silver Spring, Maryland

# Advisory Councils

**National marine sanctuary advisory councils are community-based advisory groups established to provide advice and recommendations to the superintendents on issues including management, science, service, and stewardship.**

- 14 Sanctuary Advisory Councils established under the NMSA
- 1 Reserve Advisory Council established by a presidential executive order
- More than 440 council members & alternates representing a broad base of interests such as conservation, education, research, fishing, diving and other recreational activities, boating and shipping, tourism, maritime business, maritime heritage; and jurisdictional partners from local, regional, state, tribal, territorial and federal agencies

# National Program Support



- Provide sufficient support to carry out duties
- Provide guidance to assist councils in operation (Council Handbook)
- Katie Denman, National Advisory Council Coordinator
- Promote communication/coordination among ACs and staff
- Facilitate national level discussions and annual meeting

# HIHWNMS Support

- Sanctuary Superintendent:  
Allen Tom
- Advisory Council Coordinator:  
Cindy Among-Serrao
- All HIHWNMS staff
- Travel support for  
non-agency members



# AC Member Roles

- **Provide advice** to the Sanctuary Superintendent on a wide range of matters relating to management, use, and protection of the sanctuary
- **Serve as a liaison** between HHWNMS and communities and constituents
- **Identify potential** partners and constituent groups for collaboration
- **Help identify and resolve issues** involving the sanctuary
- **Review** and provide input on sanctuary plans
- **Assist** in developing informed constituency
- **Provide** technical expertise and supporting information

# AC Member Outreach

## ✓ **Expectations on Constituent Outreach:**

- \*Help promote HIHWNMS to increase your constituents' understanding/ awareness of sanctuary
- \*Share HIHWNMS and Advisory Council activities / projects / events / fliers

## ✓ **Tools for your outreach:**

- \*Annual season reports, monthly volunteer newsletters, lesson plans, and more (PDF & online)
- \*Website News & Events <https://hawaiihumpbackwhale.noaa.gov/>
- \*Social media:
  - Facebook = <https://www.facebook.com/hawaiihumpbackwhale/>
- \*Don't hesitate to ask HIHWNMS staff for resources

# AC and the Media

- ✓ AC members are free to communicate as they wish, with whomever they wish, as private individuals, but should not cite Council membership and not claim to represent the council's interests.
- ✓ AC members may not speak for the sanctuary or the Office of National Marine Sanctuaries without the consent of the Sanctuary Superintendent and the AC
- ✓ If authorized to represent the HIHWNMS AC, use AC- and sanctuary-approved messages consistently, correct inaccuracies, avoid speculation

# Council Charter

- Current version amended and signed in 2016
- Charter good for 5 years of date signed will need to be revised by September 2021
- Instrument for establishing the council
- Provides the scope of the council's responsibilities
- Serves as the constitution for the council's operation
- Need a copy of the charter?

## Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Council Charter

Establishment and Authority.....	1
Sanctuary Advisory Council Policy Statement.....	1
Office of National Marine Sanctuaries.....	2
Hawaiian Islands Humpback Whale National Marine Sanctuary.....	3
Council Objectives and Roles.....	4
Scope of Responsibilities.....	5
Members, Alternates, and Officers.....	5
Appointments.....	11
Administration.....	11
Operation.....	11
Other Terms of this Charter.....	15

### ESTABLISHMENT AND AUTHORITY

Section 315 of the National Marine Sanctuaries Act (NMSA or Act; 16 U.S.C. § 1431 *et seq.*) authorizes the Secretary of Commerce to establish sanctuary advisory councils to provide advice to the Secretary of Commerce regarding the designation and management of national marine sanctuaries. This authority has been delegated to the Director of the Office of National Marine Sanctuaries (director). The director hereby establishes the Hawaiian Island Humpback Whale National Marine Sanctuary Advisory Council (council).

This charter provides a background on the Office of National Marine Sanctuaries (ONMS) and the Hawaiian Islands Humpback Whale National Marine Sanctuary, and describes the objectives and roles of the council's activities, procedural requirements regarding the appointment of council members and officers, requirements for the conduct of council members and meetings, and other requirements. All council activities must be conducted pursuant to this charter.

### SANCTUARY ADVISORY COUNCIL POLICY STATEMENT

The ONMS regards the involvement of communities and the development of a stewardship ethic as vitally important to successfully protect sanctuary resources. One key way to achieve this involvement is the formation of sanctuary advisory councils.

Sanctuary advisory councils bring members of a diverse community together to provide advice to the sanctuary superintendent (authority delegated from the Secretary of Commerce and the Under Secretary for Oceans and Atmosphere) on the management and protection of the sanctuary, or to assist the ONMS in guiding a proposed site through the designation process.

# AC Operations

- Protocols outlined in AC Charter
- AC annual work plan and regional quarterly report
- Advice (letters) from AC directed to Superintendent
- Resolutions and recommendations represent the views of the AC, not necessarily the NOAA position
- Meetings run by Chair, audio recorded, and official meeting notes generated
- Focus on consensus
- Agendas, resolutions and meeting notes posted on

<https://hawaiihumpbackwhale.noaa.gov/management/advisory/>

# Voting

- Decisions made by the council are made by majority vote, provided there is a quorum
- Voting is transparent/not anonymous
- Alternates only vote when filling the seat in the absence of primary member
- Proxy voting is not allowed
- Council may only vote on noticed agenda items

# Subcommittees & Working Groups

- Established by Chair and Superintendent
- Both operate under AC Charter rules but not required to be open to public
- Report recommendations to full AC for final action
- Subcommittees
  - Composed entirely of AC members; chaired by member or alternate; Help fulfill council's duties
- Working Groups
  - Can include AC and non AC members; typically formed for a specific issue requiring subject area expertise; chaired by member or alternate; Once issue is addressed working group is disbanded

# Current Working Groups & Subcommittees

- Executive Committee: Council officers and subcommittee chairs
- 4 Standing Subcommittees:
  - Conservation
  - Education
  - Research
  - Native Hawaiian

# AC Seats – Non-government (competitive)

## ✓ Voting:

- Business/Commerce
- Commercial Shipping
- Conservation
- Ocean Recreation
- Whale Watching
- Tourism
- Education
- Fishing
- Native Hawaiian
- Research
- Hawai'i Island
- O'ahu Island
- Kaua'i Island
- Maui Island
- Lāna'i Island
- Moloka'i Island

## ✓ Non-voting:

- Youth Member

# AC Seats – Government (Voting)

## ✓ State of Hawai'i:

- Office of Hawaiian Affairs

## ✓ Federal:

- Western Pacific Regional Fisheries Management Council

# AC Seats – Government (Non-voting)

## ✓ State of Hawai‘i:

- Dept. of Business, Economic Development and Tourism
- Dept. of Health
- Dept. of Land and Natural Resources
- Dept. of Transportation-Harbors Division
- Office of Planning

## ✓ Federal:

- US Army Corps of Engineers
- US Coast Guard
- Papahānaumokuākea MNM
- NOAA Fisheries-PIRO
- NOAA Fisheries-OLE
- US Navy

# Term Limits

- Non-governmental council members are subject to term limits
- Terms are 3-years
- Members may not serve more than 3 consecutive terms in an individual seat
- Primary and alternate terms in the same seat count towards reaching the term limit

# Role of Alternates

- Encouraged to participate in all meetings; particularly if primary to be absent
- Votes if primary member absent
- Active participant; can serve on working groups and/or subcommittees
- Requires strong communication between primary and alternate

# Advisory Council Officers

- Chair – Sol Kaho‘ohalahala, Lāna‘i Island primary
- Vice Chair – Maka‘ala Ka‘aumoana, Kaua‘i Island primary
- Secretary – TBD
  
- Executive Subcommittee
  - Sets meeting agendas
  - Reviews/recommends council operational issues
  - Reviews/recommends applicants for AC
  - Elected by AC for 2-year terms; max two term limits in elected seat

# Advisory Council Officers

- Any primary member (excluding sanctuary superintendent and youth seat), may serve as an officer
- Elections occur by majority vote of all council members, including non-voting members (except sanctuary superintendent)

# Additional Resources

- National Marine Sanctuary Advisory Council Implementation Handbook
- <http://sanctuaries.noaa.gov/management/ac/>
- <https://hawaiihumpbackwhale.noaa.gov/>
- Have additional questions?  
E-mail to [cindy.among-serrao@noaa.gov](mailto:cindy.among-serrao@noaa.gov)



Mahalo for serving!



NATIONAL MARINE  
SANCTUARIES

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HAWAIIAN ISLANDS  
HUMPBACK WHALE

<https://hawaiihumpbackwhale.noaa.gov/>

**9:20 AM – 10:30 AM**

## **HAWAIIAN ISLANDS HUMPBACK WHALE (HIHW) 101**

- **HIHW Overview (Allen Tom)**
- DAR State Co-management (Jeannine Rossa)
- Research (Marc Lammers)
- Resource Protection (Ed Lyman)

**\*\*\*QUESTIONS CAN BE SUBMITTED VIA THE QUESTION BOX  
& WILL BE ANSWERED AFTER ALL THE PRESENTATIONS IF  
TIME PERMITS!**



**NOAA**



NATIONAL MARINE  
SANCTUARIES



Hawai'i Division of Aquatic Resources

# Hawaiian Islands Humpback Whale National Marine Sanctuary

Allen Tom  
Superintendent  
[Allen.tom@Noaa.gov](mailto:Allen.tom@Noaa.gov)

July 1, 2020



# Huh?

## www.noaa.gov

### Get Involved

**To report Stranded or Entangled Marine Mammals:**  
1-888-256-9840

**To report Monk Seal Sightings:**  
808-220-7802  
[Pifsc.monksealsighting@noaa.gov](mailto:Pifsc.monksealsighting@noaa.gov)

**Marine Resources Violation Hotline:**  
1-800-853-1964

#### Ocean

**Hawaiian Monk Seal count events or to become a volunteer:**  
[www.pifir.noaa.gov/PRD/prd\\_volunteer\\_opps.html](http://www.pifir.noaa.gov/PRD/prd_volunteer_opps.html)

**Keep the sea free of debris:**  
[www.marinedebris.noaa.gov/marinedebris101/whatcando.html](http://www.marinedebris.noaa.gov/marinedebris101/whatcando.html)

**Hawaii's Ocean Awareness Training:**  
[www.oceanawarehawaii.org](http://www.oceanawarehawaii.org)

**Humpback Whale Ocean Count:**  
[www.sanctuaryoceancount.org/](http://www.sanctuaryoceancount.org/)

#### Weather & Climate

**Become a Volunteer Weather Spotter:**  
<http://www.prh.noaa.gov/hnl/skywam/>

**Subscribe to a newsletter about climate variability in the Pacific:**  
[www.prh.noaa.gov/peac/update.php](http://www.prh.noaa.gov/peac/update.php)

#### Visit NOAA

**Hawaiian Islands Humpback Whale National Marine Sanctuary Education Center**  
726 S. Kihei Rd., Kihei, Maui  
1-800-831-4888

**Mokupāpapa Discovery Center**  
308 Kamehameha Ave. Suite 109, Hilo, Hawaii  
808-933-8181

**Mauna Loa Observatory**  
Request tours by visiting:  
[www.esrl.noaa.gov/gmd/obop/mlo/](http://www.esrl.noaa.gov/gmd/obop/mlo/)  
or by calling 808-933-6965



#### NOAA

**National Marine Fisheries Service**  
Pacific Islands Regional Office  
808-944-2200  
[www.pifir.noaa.gov](http://www.pifir.noaa.gov)

Pacific Islands Fisheries Science Center  
808-983-5300  
[www.pifsc.noaa.gov](http://www.pifsc.noaa.gov)

Rose Atoll, Marianas Trench and the Pacific Remote Islands Marine National Monuments  
[www.pifir.noaa.gov/MNIM/mnm\\_index.html](http://www.pifir.noaa.gov/MNIM/mnm_index.html)

Office of Law Enforcement, Pacific Islands Division  
Hotline: 1-800-853-1964  
[http://www.nmfs.noaa.gov/ole/pl\\_pacificislands.html](http://www.nmfs.noaa.gov/ole/pl_pacificislands.html)

**National Weather Service**  
Pacific Region  
808-973-5270

Links to all NWS offices in the Pacific:  
[www.prh.noaa.gov](http://www.prh.noaa.gov)

**Satellite & Information Service**  
Pacific Region Climate  
808-944-7453  
[www.climate.gov/pacificregion](http://www.climate.gov/pacificregion)

**Office of Marine & Aviation Operations**  
Port Office, Honolulu  
808-455-6891  
[www.noaacorps.noaa.gov](http://www.noaacorps.noaa.gov)

**Office of Oceanic & Atmospheric Research**  
NOAA/ESRL Mauna Loa Observatory  
808-933-6965  
[www.esrl.noaa.gov/gmd/obop/mlo/](http://www.esrl.noaa.gov/gmd/obop/mlo/)

**National Ocean Service**  
Office of National Marine Sanctuaries—Pacific Islands Region  
808-879-2818 ext. 25  
[www.sanctuaries.noaa.gov/visit/pacific.html](http://www.sanctuaries.noaa.gov/visit/pacific.html)

Hawaiian Islands Humpback Whale National Marine Sanctuary  
[www.hawaiihumpbackwhale.noaa.gov](http://www.hawaiihumpbackwhale.noaa.gov)

Fagatele Bay Marine National Monument  
[www.fagatelebay.noaa.gov](http://www.fagatelebay.noaa.gov)

Papahānaumokuākea Marine National Monument  
[www.papahanaumokuakea.gov](http://www.papahanaumokuakea.gov)

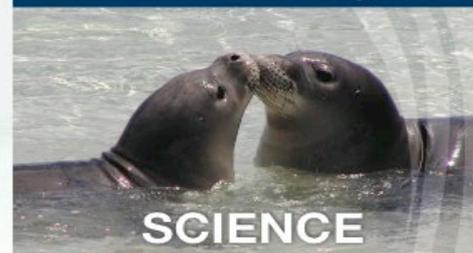
Marine Debris Program  
808-532-3207  
[www.marinedebris.noaa.gov](http://www.marinedebris.noaa.gov)

Pacific Services Center  
808-532-3200  
<https://csc.noaa.gov/psc>



# NOAA

*in the Pacific Region*



## SCIENCE



## SERVICE

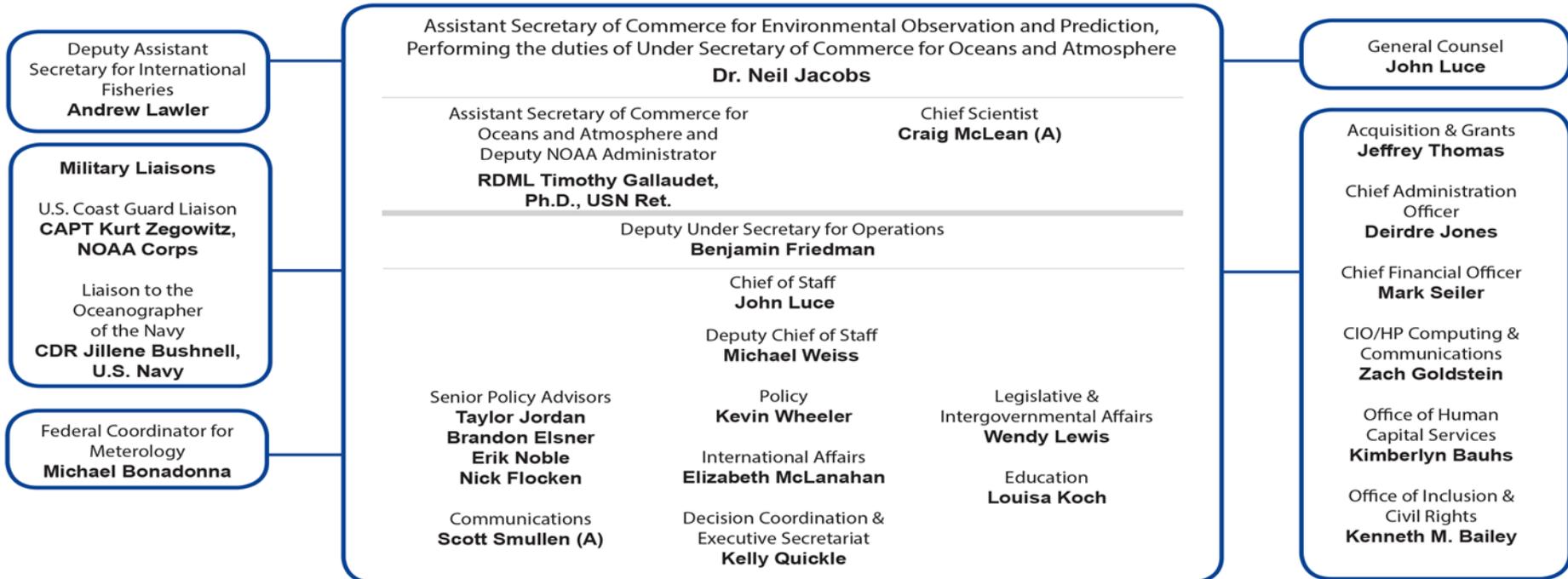


## STEWARDSHIP

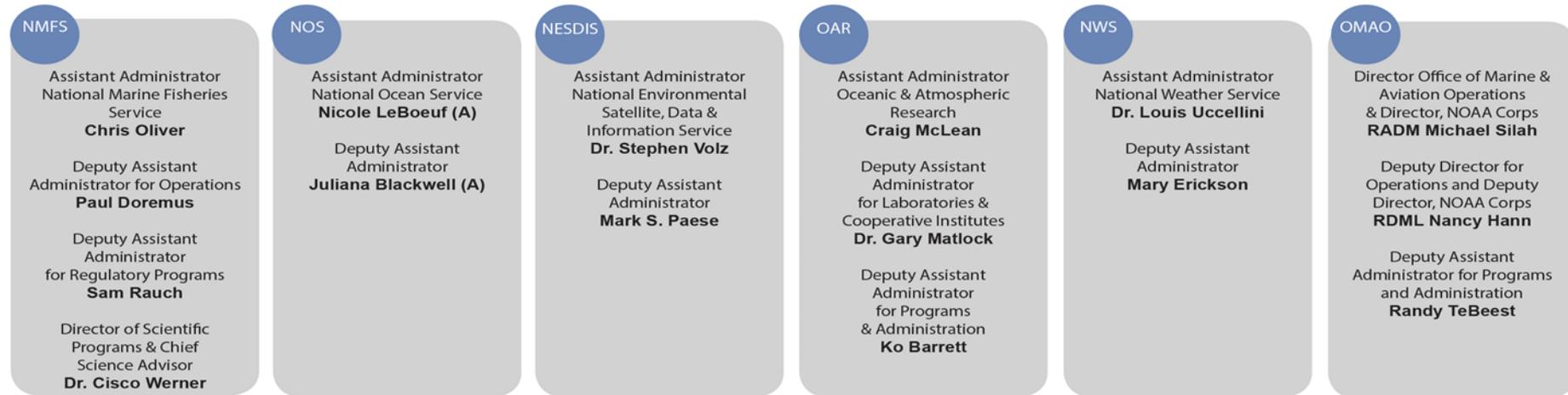
# NOAA HEADQUARTERS ORGANIZATION



## CORPORATE FUNCTIONS



## LINE OFFICES



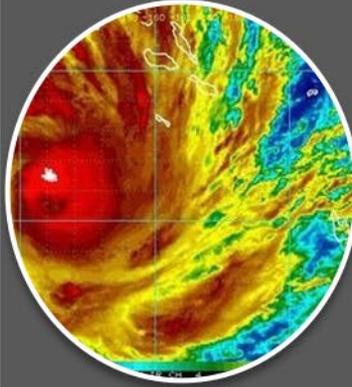
# NOAA Line Offices



**National  
Weather  
Service  
(NWS)**



**Oceanic and  
Atmospheric  
Research  
(OAR)**



**National  
Environment  
al, Satellite,  
Data, &  
Information  
Service  
(NESDIS)**



**National  
Ocean  
Service  
(NOS)**



**National  
Marine  
Fisheries  
Service  
(NMFS)**

**SCIENCE**

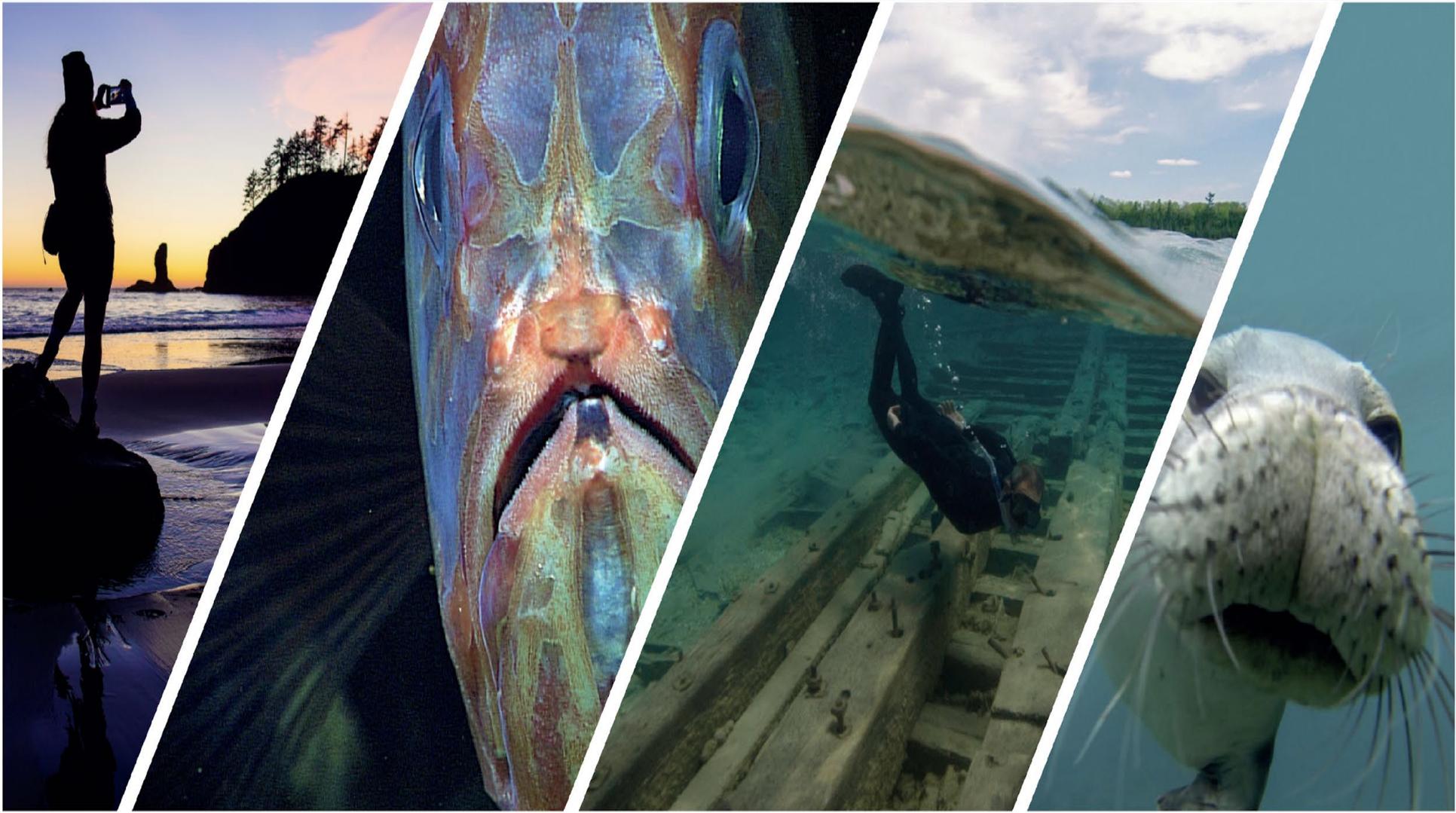
**SERVICE**

**STEWARDSHIP**



View of NOAA Campus

# National Marine Sanctuaries Act



# Our Mandates



Resource Protection

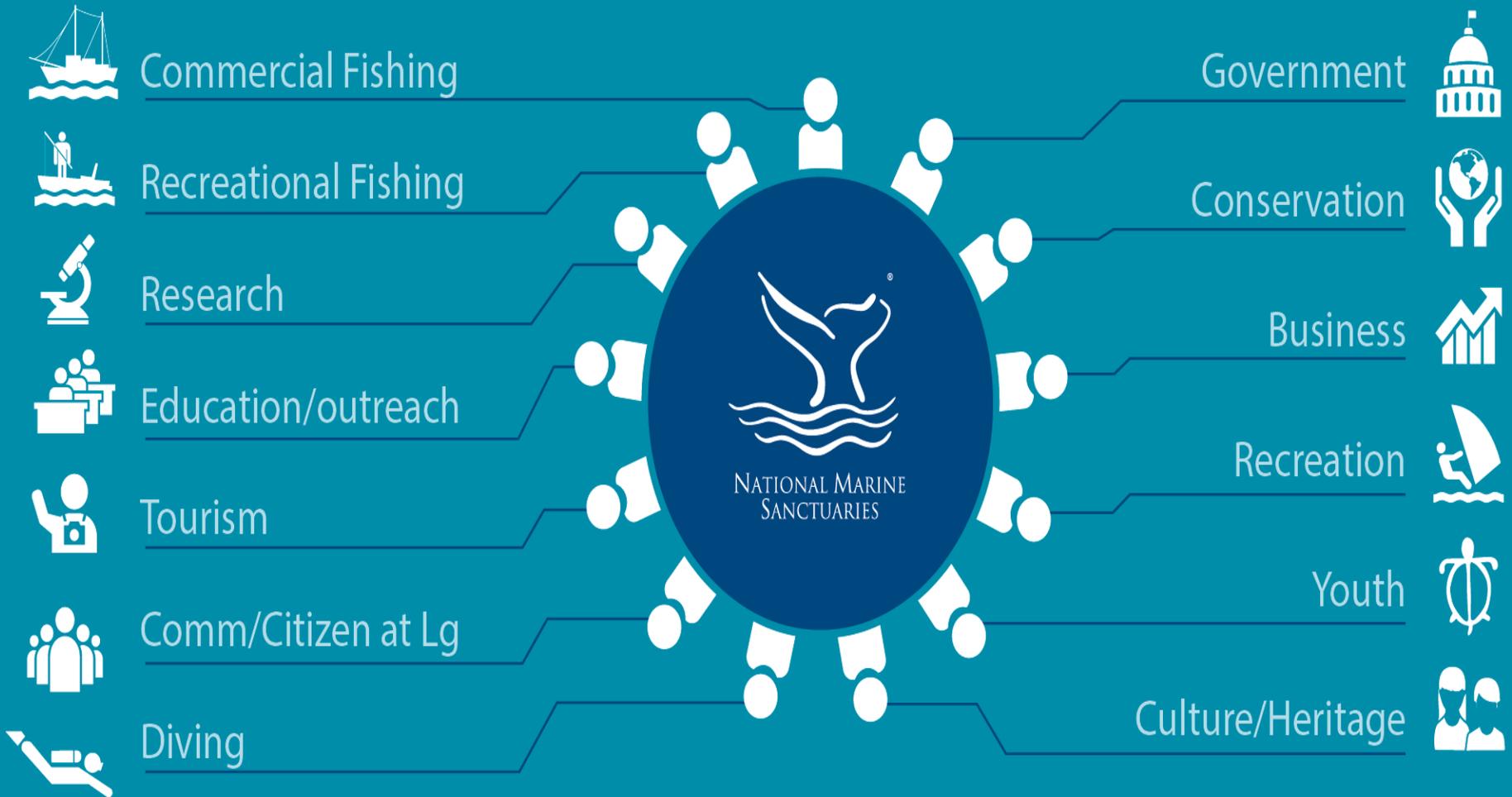
Research and Monitoring

Education and Outreach

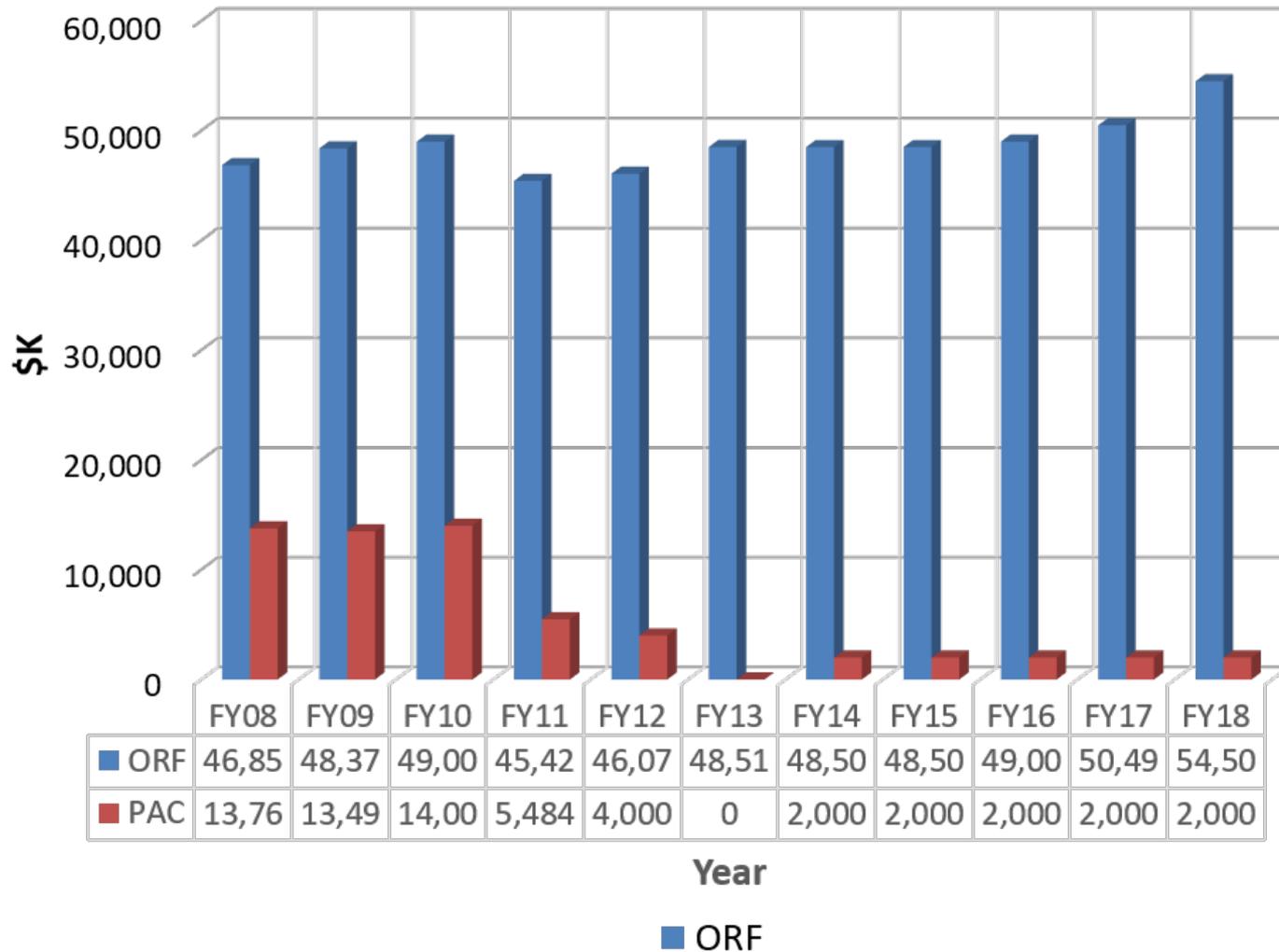
Community Engagement



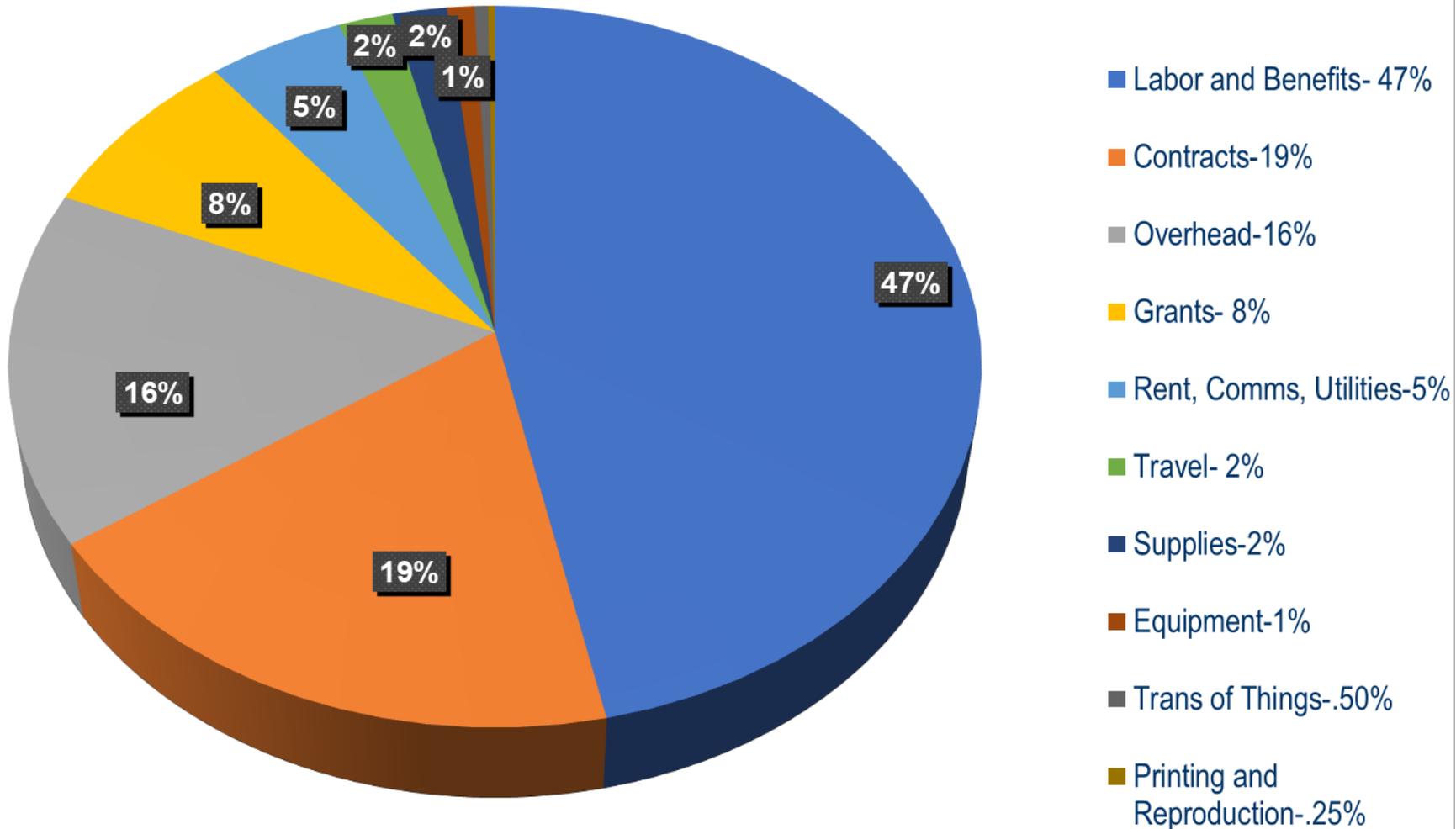
# SANCTUARY ADVISORY COUNCILS



# ONMS Appropriation History FY08-FY18



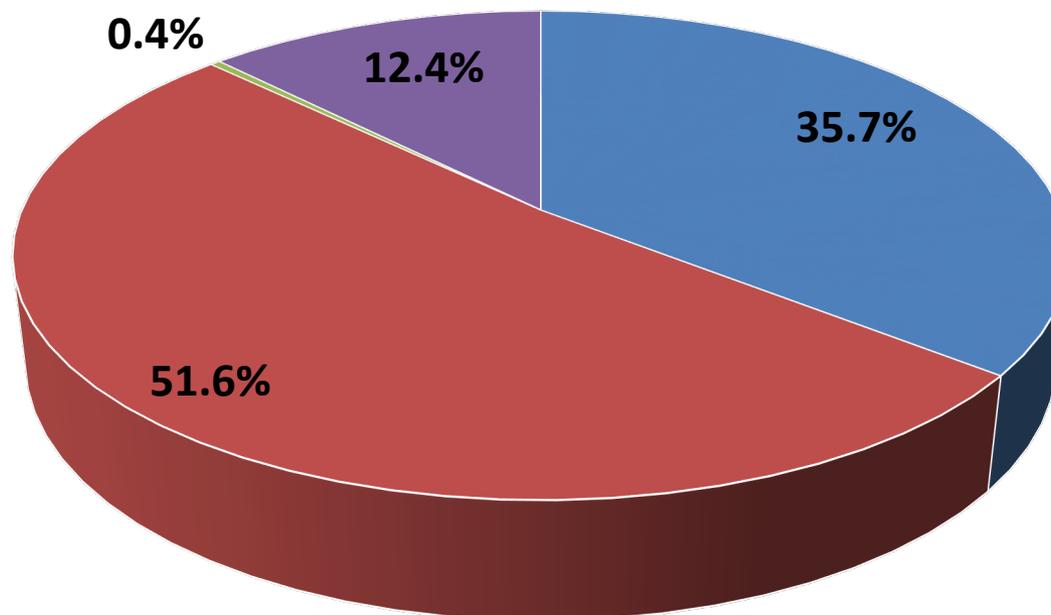
# Our Budget



# Recent PAC Spending History



## Distribution of PAC Spending FY2008 - FY2018



■ Facilities ■ Exhibits ■ Miscellaneous ■ Vessels

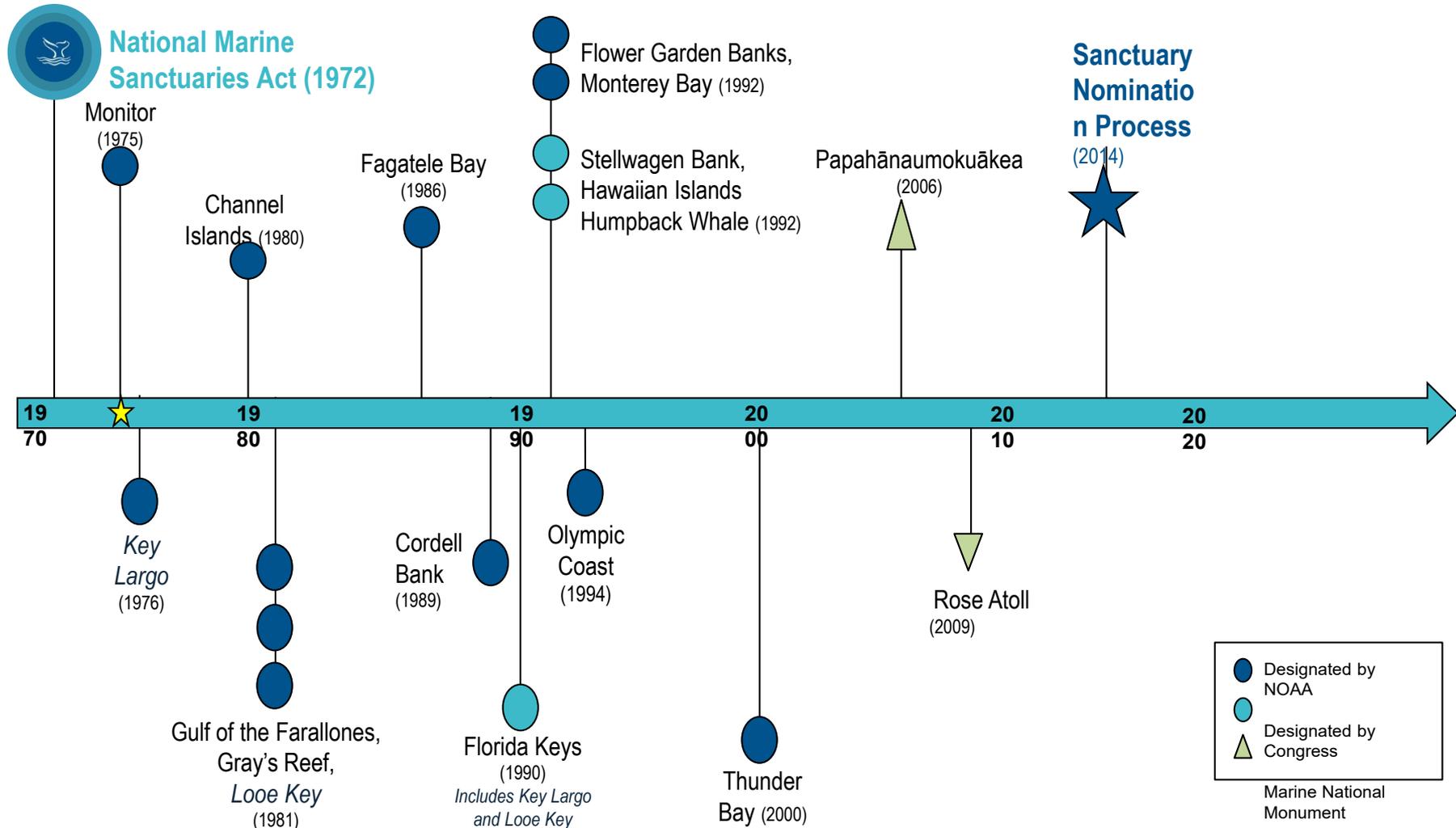
# Unique Authority



- Authority to solicit and accept donations
- National Marine Sanctuary Foundation
- Authority for acquisition of land or facilities
- Authority to use states and other federal agencies
- Authority to receive grants
- Logos and sponsorships



# History of the Sanctuary System



# NATIONAL MARINE SANCTUARY SYSTEM



# Hawaiian Islands Humpback Whale National Marine Sanctuary



The Hawaiian Islands Humpback Whale National Marine Sanctuary is jointly managed by the National Oceanic and Atmospheric Administration and the State of Hawai'i – Department of Land and Natural Resources.



# Congressional designated in 1992

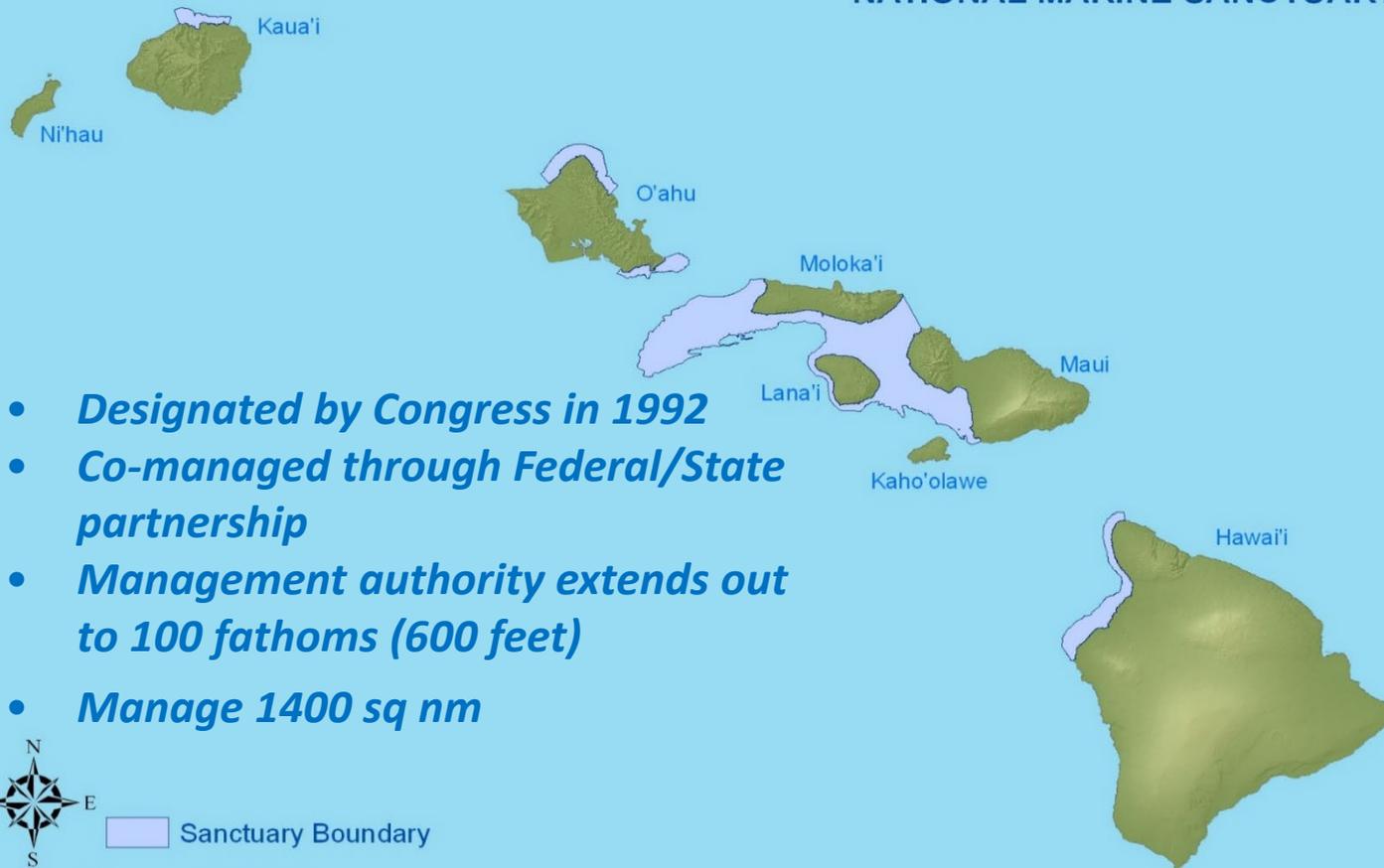


Approved by then Governor Cayetano in 1997

# Sanctuary Boundary



## Hawaiian Islands Humpback Whale NATIONAL MARINE SANCTUARY



- **Designated by Congress in 1992**
- **Co-managed through Federal/State partnership**
- **Management authority extends out to 100 fathoms (600 feet)**
- **Manage 1400 sq nm**



Sanctuary Boundary

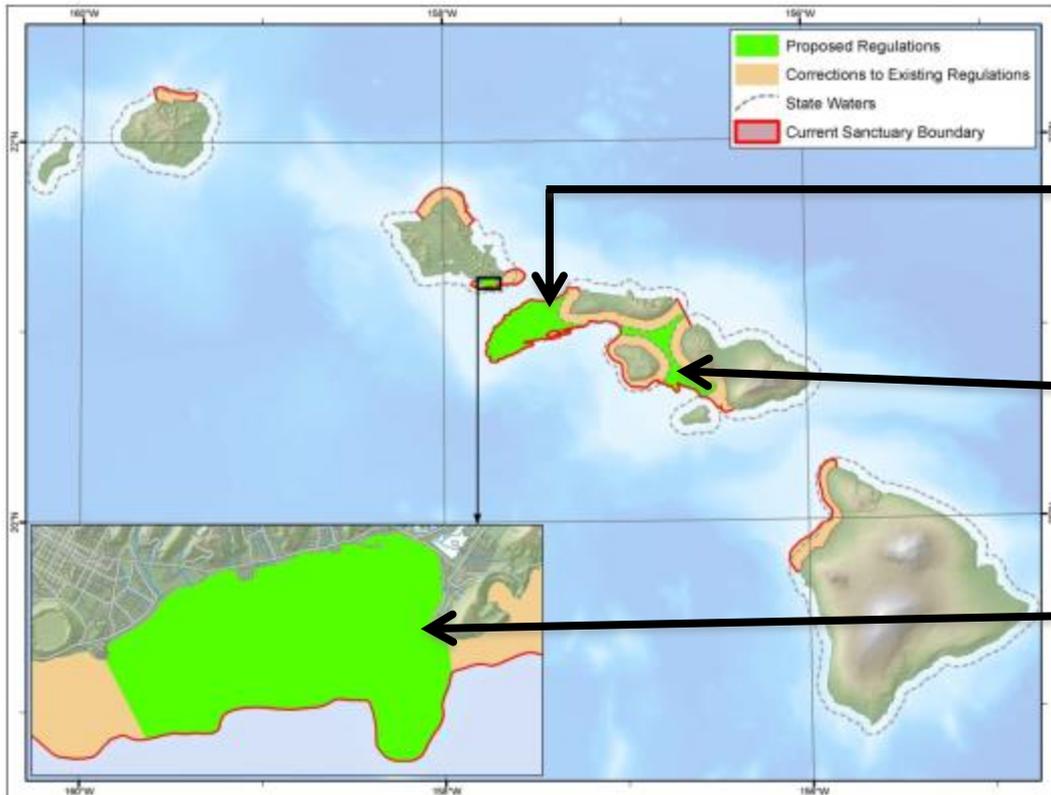
0 50 100 Kilometers

0 50 100 Miles

# 2016 Management Plan Review/Proposed Expansion



Targeted regulations are being considered for select areas  
("Sanctuary Management Areas")



**Penguin Banks  
(federal waters)**

**Maui Nui Area  
(federal waters)**

**Maunaloa Bay  
(state waters)**

# Controversial



# HAWAIIAN ISLANDS HUMPBACK WHALE - SOUTH NATIONAL MARINE SANCTUARY



**Contact Information**  
726 South Kihei Road  
Kihei, Hawaii 96753  
(808) 831-4888  
hawaiihumpbackwhale.noaa.gov

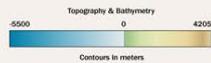
**Habitats**

- Humpback whale breeding, calving & nursing grounds
- Coral reefs
- Sandy substrate
- Seagrass beds

**Key Species**

- Humpback whale
- Spinner dolphin
- Hawaiian monk seal
- False killer whale

- Sea turtles
- Reef fish
- Coral
- Sharks and rays
- Seabirds



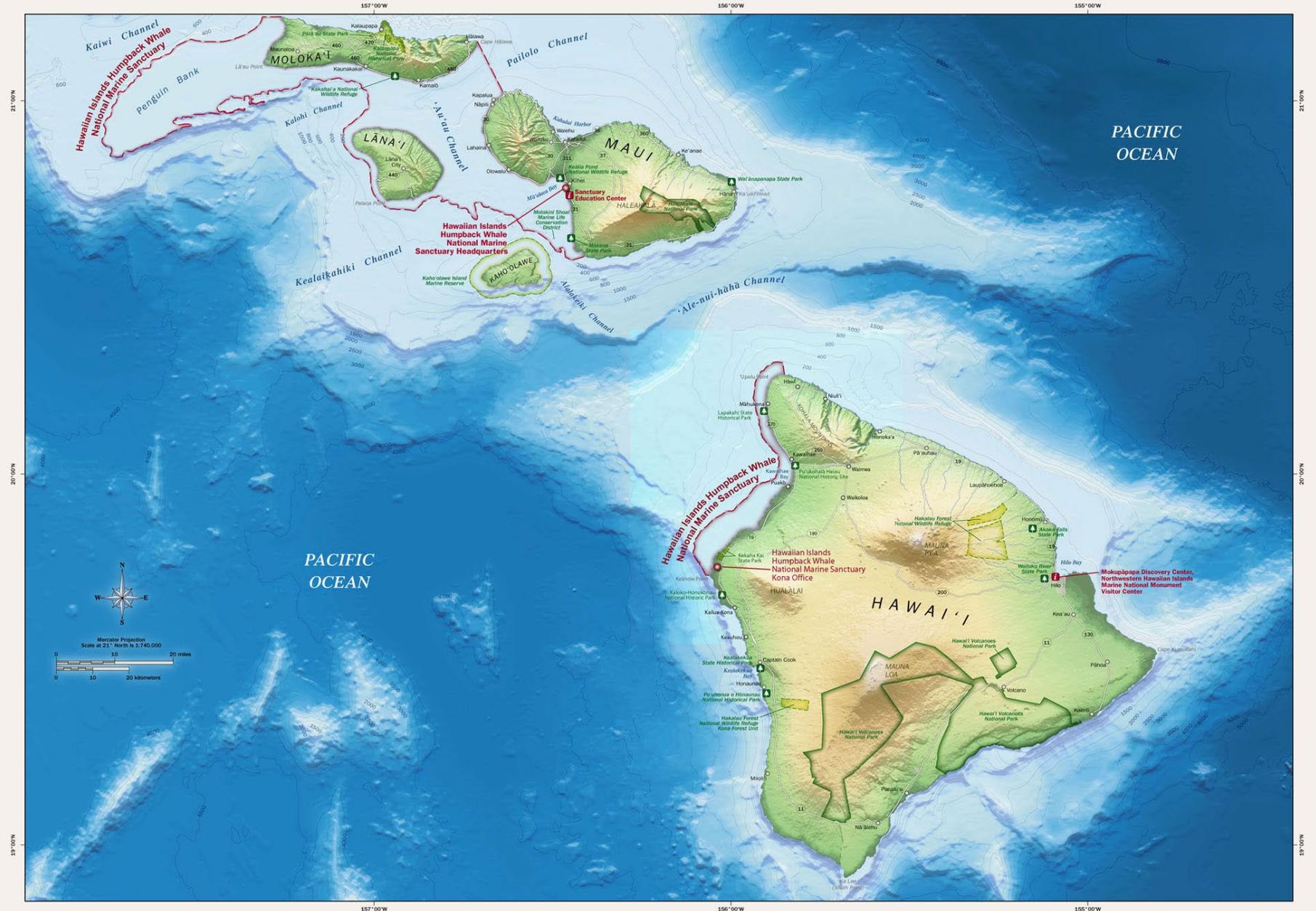
- Map Key**
- National Marine Sanctuary
  - National Park
  - Military Installation
  - National Marine Sanctuary Office
  - Sanctuary Visitor Information
  - Other Park



# HAWAIIAN ISLANDS HUMPBACK WHALE - SOUTH NATIONAL MARINE SANCTUARY

**Location**  
The Hawaiian Islands Humpback Whale National Marine Sanctuary is comprised of five protected areas distributed across the main Hawaiian islands, and is co-managed with the State of Hawaii. These areas constitute a large portion of the breeding, calving and nursing grounds of the North Pacific humpback whale population.

**Protected Area**  
1,366 square miles  
**Designation**  
May 1992



21°00'N  
20°00'N  
19°00'N

157°00'W  
156°00'W  
155°00'W

# HAWAIIAN ISLANDS HUMPBACK WHALE - NORTH NATIONAL MARINE SANCTUARY



**Contact Information**  
726 South Kihui Road  
Kihei, Hawaii 96753  
(800) 831-4888  
hawaii.humpbackwhale.noaa.gov

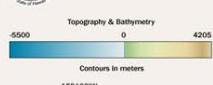
**Habitats**

- Humpback whale breeding, calving & nursing grounds
- Coral reefs
- Sandy substrate
- Seagrass beds

**Key Species**

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- Spinner dolphin
- Hawaiian monk seal
- False killer whale

- Sea turtles
- Reef fish
- Coral
- Sharks and rays
- Seabirds



**Map Key**

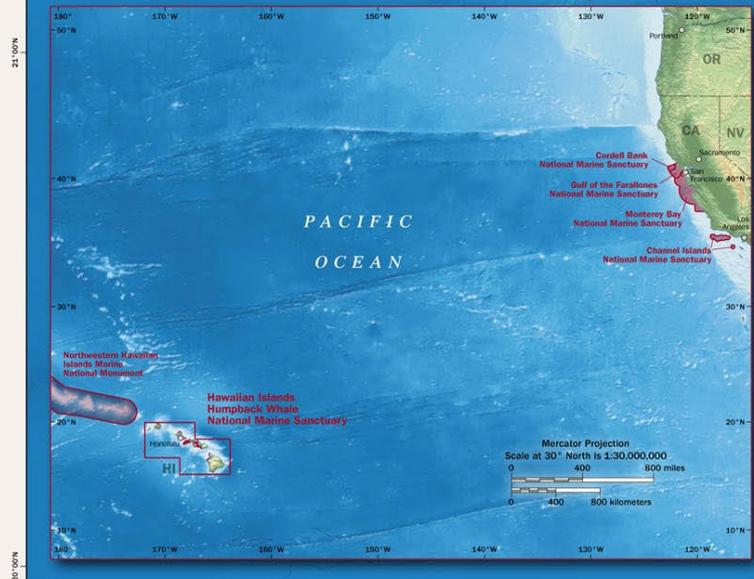
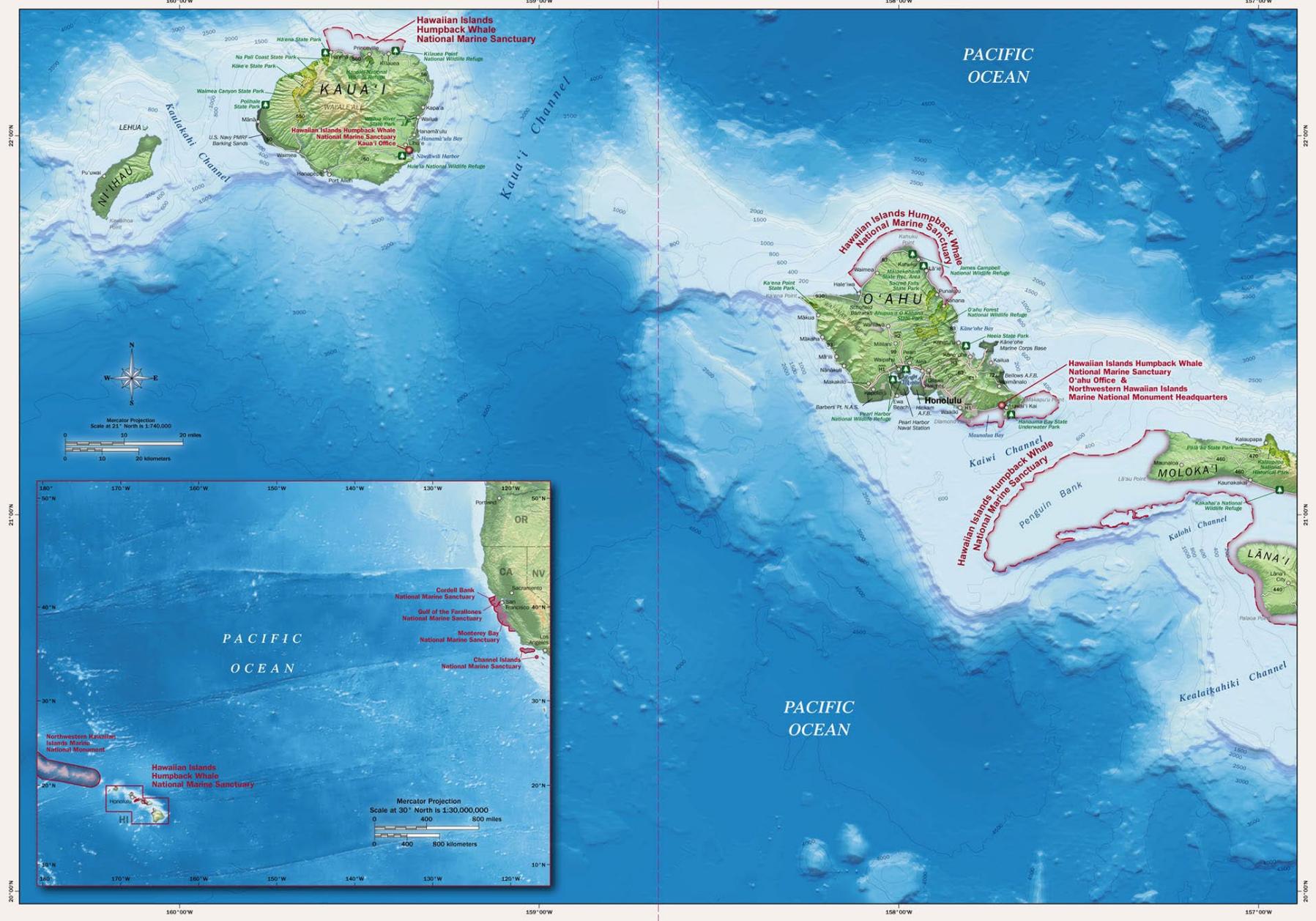
- National Marine Sanctuary
- National Park
- Other Park
- Military Installation
- National Marine Sanctuary Office
- Sanctuary Visitor Information
- Other Park



# HAWAIIAN ISLANDS HUMPBACK WHALE - NORTH NATIONAL MARINE SANCTUARY

**Location**  
The Hawaiian Islands Humpback Whale National Marine Sanctuary is comprised of five protected areas distributed across the main Hawaiian islands, and is co-managed with the State of Hawaii. These areas constitute a large portion of the breeding, calving and nursing grounds of the North Pacific Humpback whale population.

**Protected Area**  
1,366 square miles  
**Designation**  
May 1992



# Top Priorities



- Increase research opportunities to understand whale population and migration
- Vessel Overhaul
- Increased visibility / programs in other neighbor island communities (e.g.: Molokai, Lanai)
- Increase our funding level through new partnerships



Lahaina Heritage Museum

**ALWAYS LAHAINA** New NOAA Exhibit  
Friday, August 23, 2013

GRAND REOPENING



*Rama Lei Niho-Palana*  
(whale's tooth lo) made from finely braided human hair, a natural fiber for and carved walrus ivory for the hook. Made post-contact.  
On loan from Bailey House Museum

Celebrate Historic Lahaina with us  
at the Grand Reopening of  
Lahaina Heritage Museum  
New NOAA Exhibit "Always Lahaina"  
Friday, August 23  
6 to 9 pm  
Old Lahaina Courthouse  
Please join us for a Reception with  
Blessing Ceremony and Tours of the New Exhibit  
Lahaina Restoration Foundation  
National Marine Sanctuary Foundation  
National Oceanic & Atmospheric Administration



# HIHWNMS resource needs

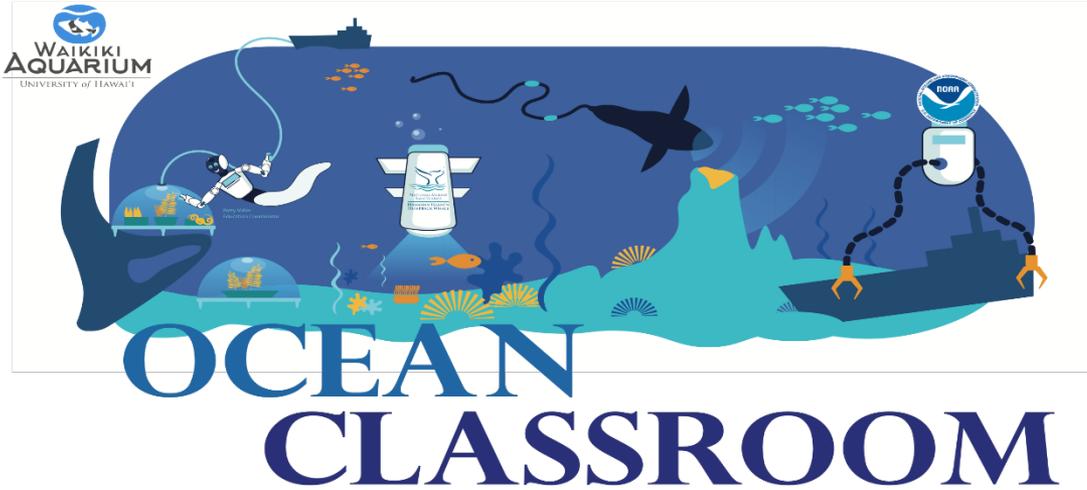


- Personnel needs:
  - Field assistant(s) during whale season to help with vessel and shore-based surveys
  - Analytical support for data analysis (survey, tagging, acoustic)
- Equipment/supplies needed:
  - CATs camera tag
  - DSLR camera and lens
  - VHF tags (2)
  - VHF receiver & antenna
  - GoPro
  - iPad
  - Software licenses
- Long-term funding needs:
  - Hawaii mini-SPLASH
  - Support for local research partners

# West Hawai'i



# Get involved with us!



BISHOP MUSEUM

# Memorandum of Agreements



## MEMORANDUM OF AGREEMENT

BETWEEN

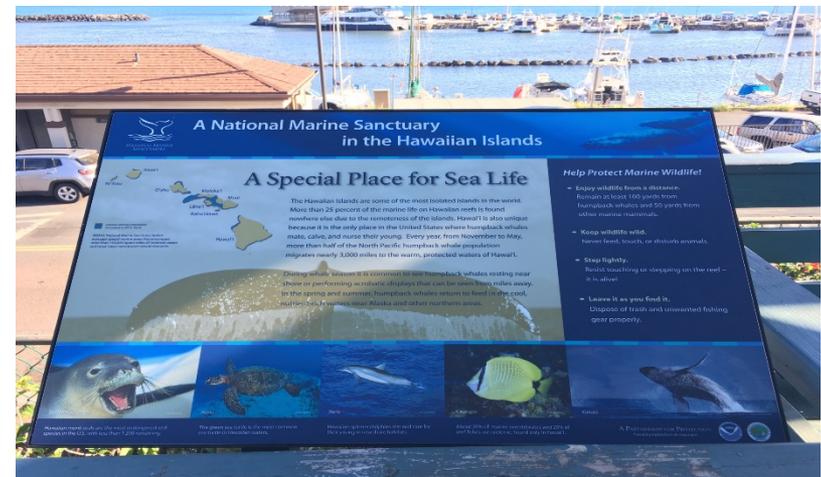
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
OFFICE OF NATIONAL MARINE SANCTUARIES  
HAWAIIAN ISLANDS HUMPBACK WHALE NATIONAL MARINE  
SANCTUARY

AND

HAPPYWHALE AND THE  
NORTH PACIFIC HUMPBACK WHALE PHOTO ID STUDY GROUP  
PARTNERSHIP

THE DEVELOPMENT OF A TRANS-PACIFIC HUMPBACK WHALE MATCHING PROJECT

NOS Agreement Code: MOA-



# Interest from the Hill



# Capacity building



A close-up photograph of a coconut crab (Birgus latro) against a black background. The crab is shown from a slightly elevated, front-facing perspective. Its body is primarily white and yellowish, with prominent orange and red markings on its large chelae (claws) and legs. The crab's eyes are a striking blue color. A yellow speech bubble with a thin black outline is positioned in the upper right quadrant of the image, containing the word "Mahalo!" in a bold, yellow, sans-serif font. The speech bubble's tail points towards the crab's head.

**Mahalo!**

**9:20 AM – 10:30 AM**

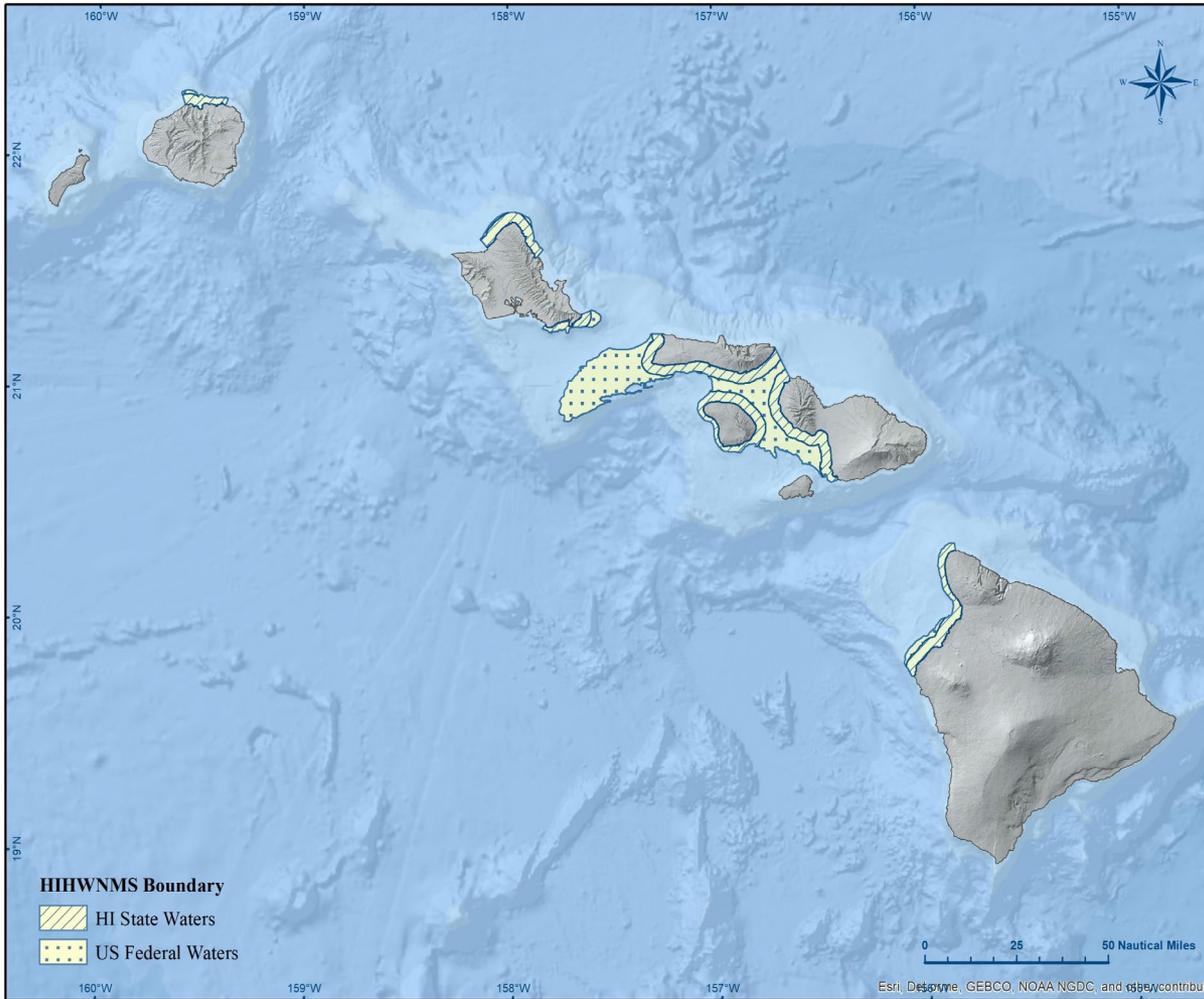
## **HAWAIIAN ISLANDS HUMPBACK WHALE (HIHW) 101**

- HIHW Overview (Allen Tom)
- **DAR State Co-management (Jeannine Rossa)**
- Research (Marc Lammers)
- Resource Protection (Ed Lyman)

**\*\*\*QUESTIONS CAN BE SUBMITTED VIA THE QUESTION BOX  
& WILL BE ANSWERED AFTER ALL THE PRESENTATIONS IF  
TIME PERMITS!**

# State Co-Management

## Hawaiian Islands Humpback Whale National Marine Sanctuary



Permit #20311

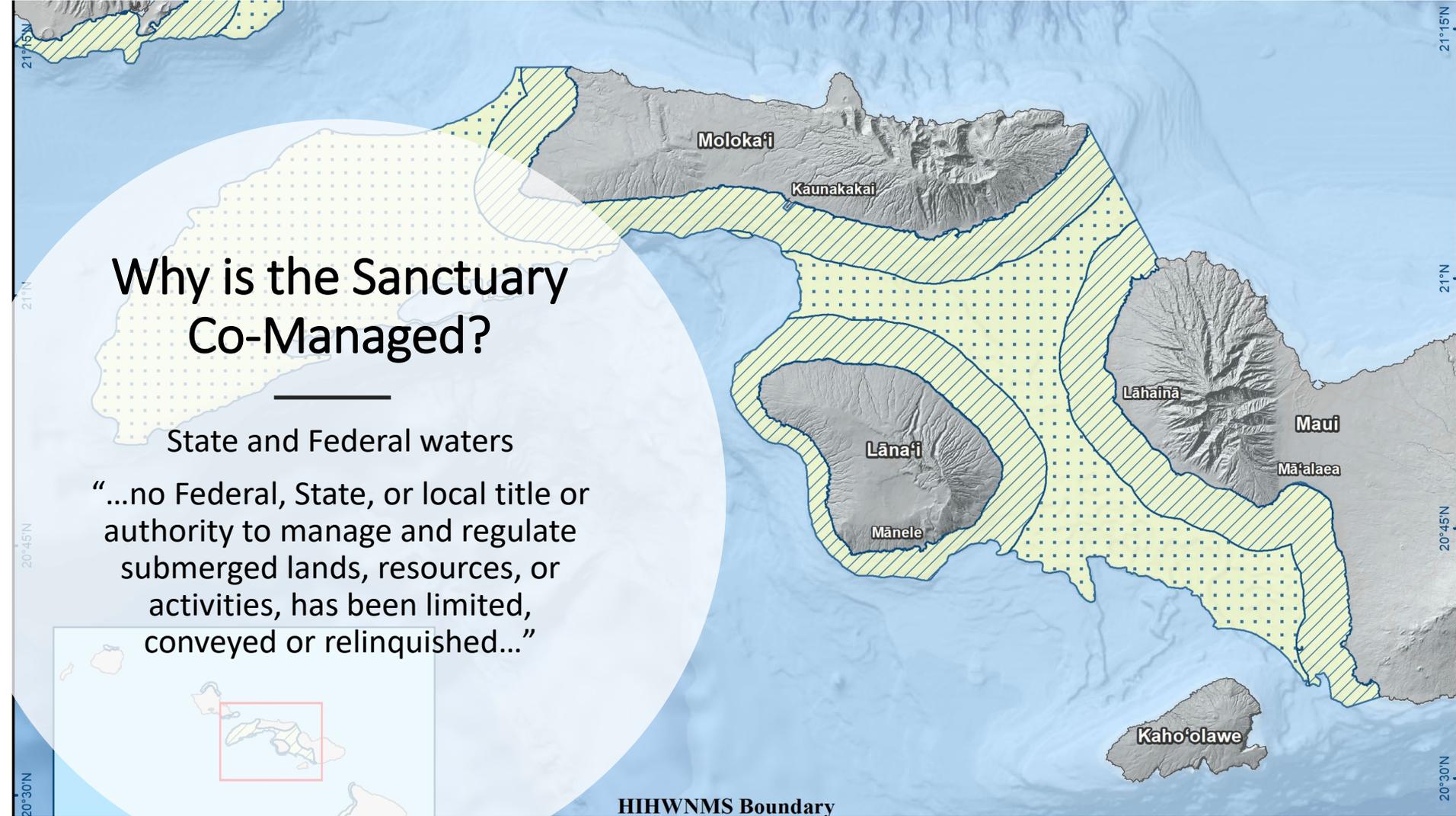
# Why is the Sanctuary Co-Managed?

State and Federal waters

“...no Federal, State, or local title or authority to manage and regulate submerged lands, resources, or activities, has been limited, conveyed or relinquished...”



HIHWNMS Boundary



# How does Co-management work?

(The legal stuff)

- 1998 Compact Agreement: NOAA and State of Hawai'i



Photo: NOAA



Photo: HNL  
Advertiser

- Important points:

- No State or local funding would be required
- Cooperative partnership/equal partners
- Resolve management issues/policy conflicts

# How does Co-management work?

(The legal stuff)

- 1998 Compact Agreement: NOAA and State of Hawai'i



Photo: NOAA



Photo: HNL  
Advertiser

- Important points:
  - No State or local funding would be required
  - Cooperative partnership/equal partners
  - Resolve management issues/policy conflicts
- Annual Memoranda Of Agreement: ONMS and DLNR
  - Spells out duties for Co-Manager
  - Financial contract with ONMS

Same process for  
Papahānaumokuākea

# But, no really, how does it work in real life?

## State Co-Manager duties (from the MOA)

- Support and participate in the Sanctuary's
  - Science and monitoring program;
  - Whale entanglement and marine best practices;



- Education and community outreach; and
- Sanctuary management (e.g., securing funding, supplies, partnerships)

# How Allen and I Share Work

Funding: ONMS = Primary funder; DLNR = Assists through in-kind

Decision authority:

- Allen can allocate federal resources
- Jeannine can ask Brian Neilson at DAR to allocate state resources

Decisions:

- It depends. Allen decides on own/Jeannine advises/we work together.
- For example, we work hand-in-hand on outside partnerships (e.g. cultural organizations), legislative relationships, coordinating between our agencies, seeking funding, the SAC, and the new management plan.

Day-to-day management

- Allen = Handles majority; Jeannine = Assists where can; also projects
- Talk almost daily, esp during Covid times



# How Allen and I Share Work

Funding: ONMS = Primary funder; DLNR = Assists through in-kind

Decision authority:

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Decisions:

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Day-to-day management

- Allen = Handles majority; Jeannine = Assists where can; also projects
- Talk almost daily, esp during Covid times

It's still evolving; could be different next year; not the same for other co-management partnerships

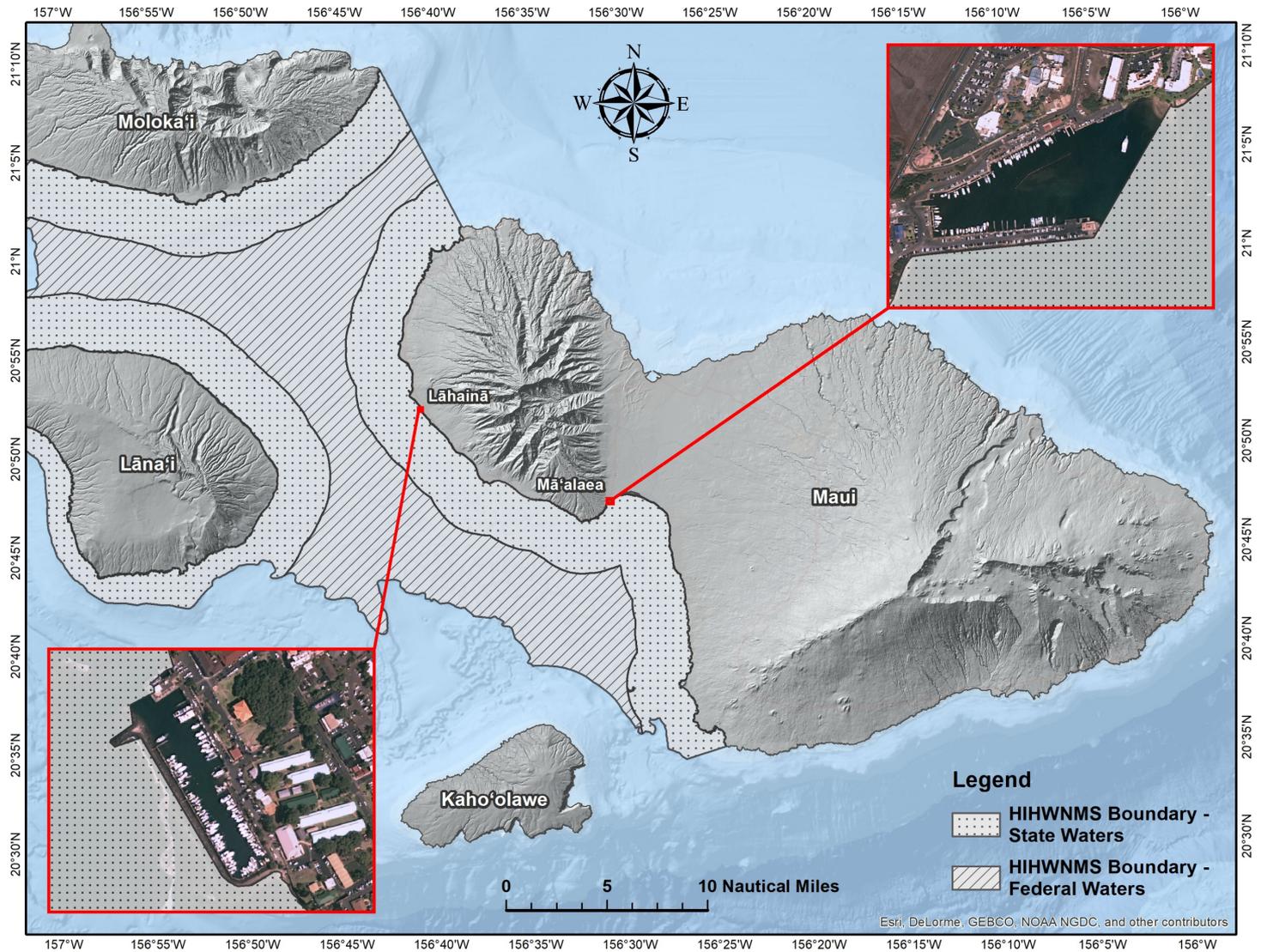


# Other duties (b/c Co-Manager is State)

- Large whale strandings – only when large whale has passed.
- Coral reefs
- Climate change
- Moloka'i: gorilla ogo removal, community coral reef monitoring and education, coordination
- Other as needed



# New Maps



**9:20 AM – 10:30 AM**

## **HAWAIIAN ISLANDS HUMPBACK WHALE (HIHW) 101**

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- **Research (Marc Lammers)**
- Resource Protection (Ed Lyman)

**\*\*\*QUESTIONS CAN BE SUBMITTED VIA THE QUESTION BOX  
& WILL BE ANSWERED AFTER ALL THE PRESENTATIONS IF  
TIME PERMITS!**

# Research activities at HIHWNMS



**Dr. Marc Lammers**  
Research Coordinator  
NOAA/ONMS/HIHWNMS

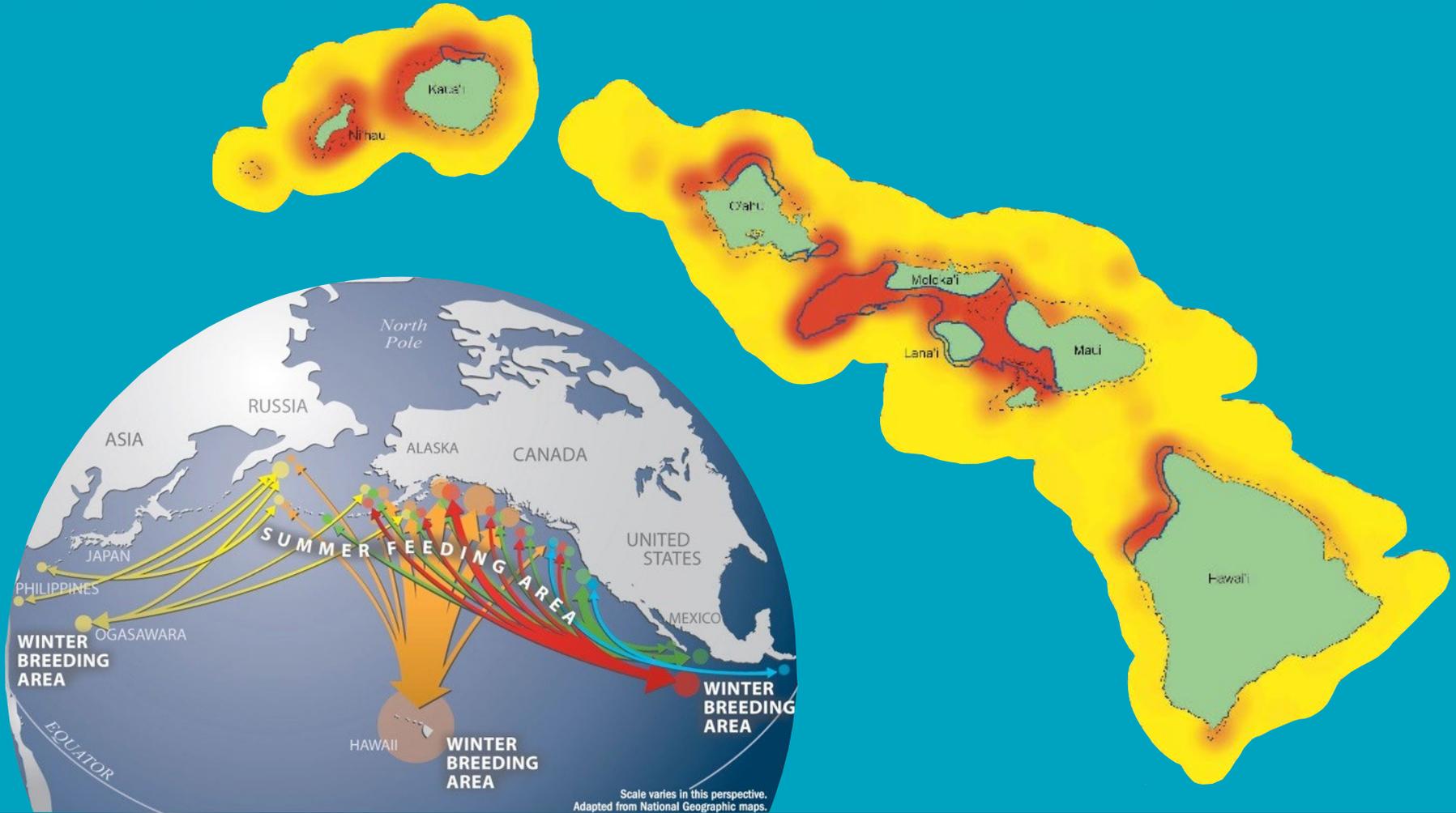
**Research team:**  
**Eden Zang (Lynker Technologies)**  
**Anke Kuegler (UH Manoa)**

NOAA Fisheries permit #14682



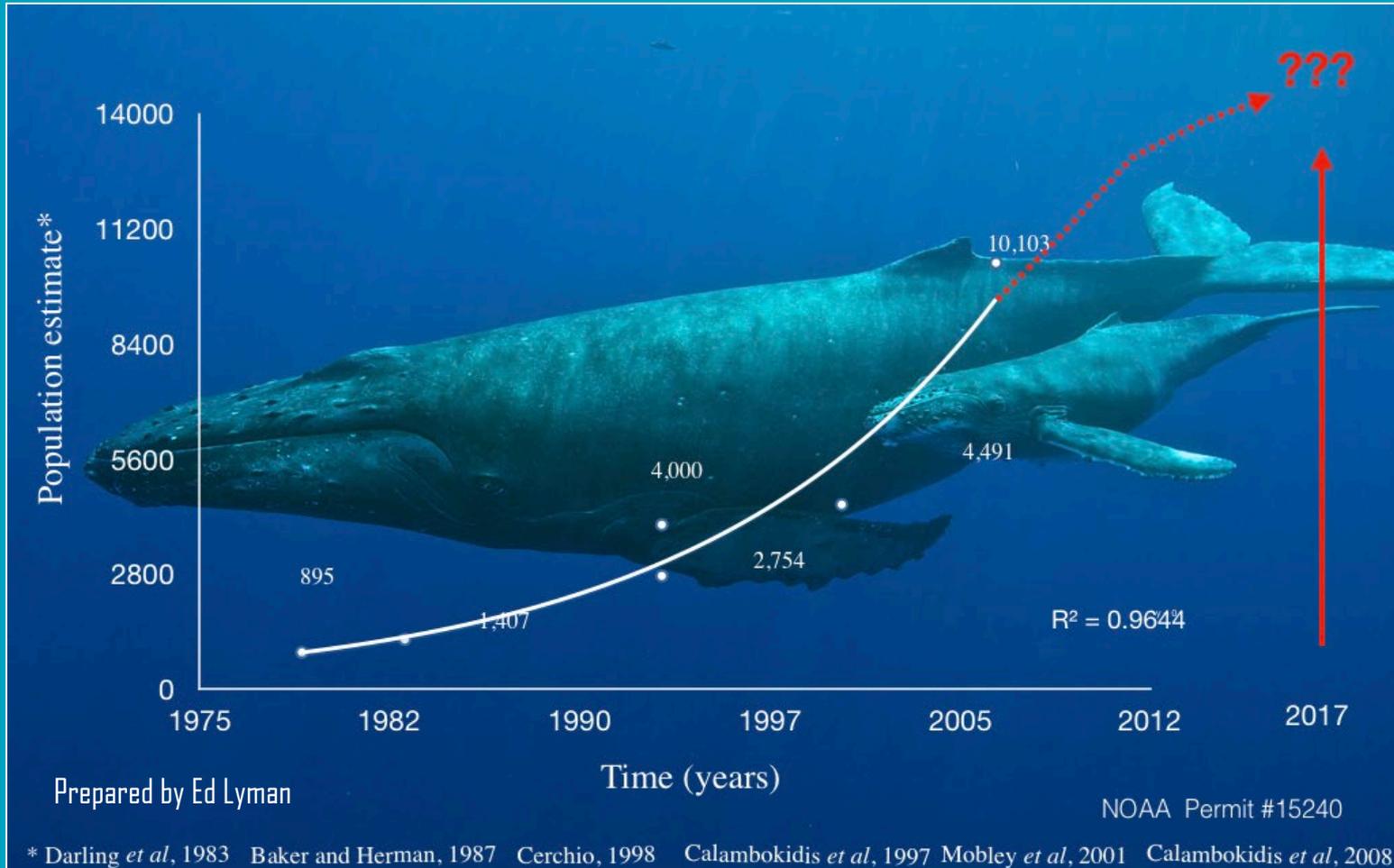


# The Hawaiian Islands Humpback Whale National Marine Sanctuary



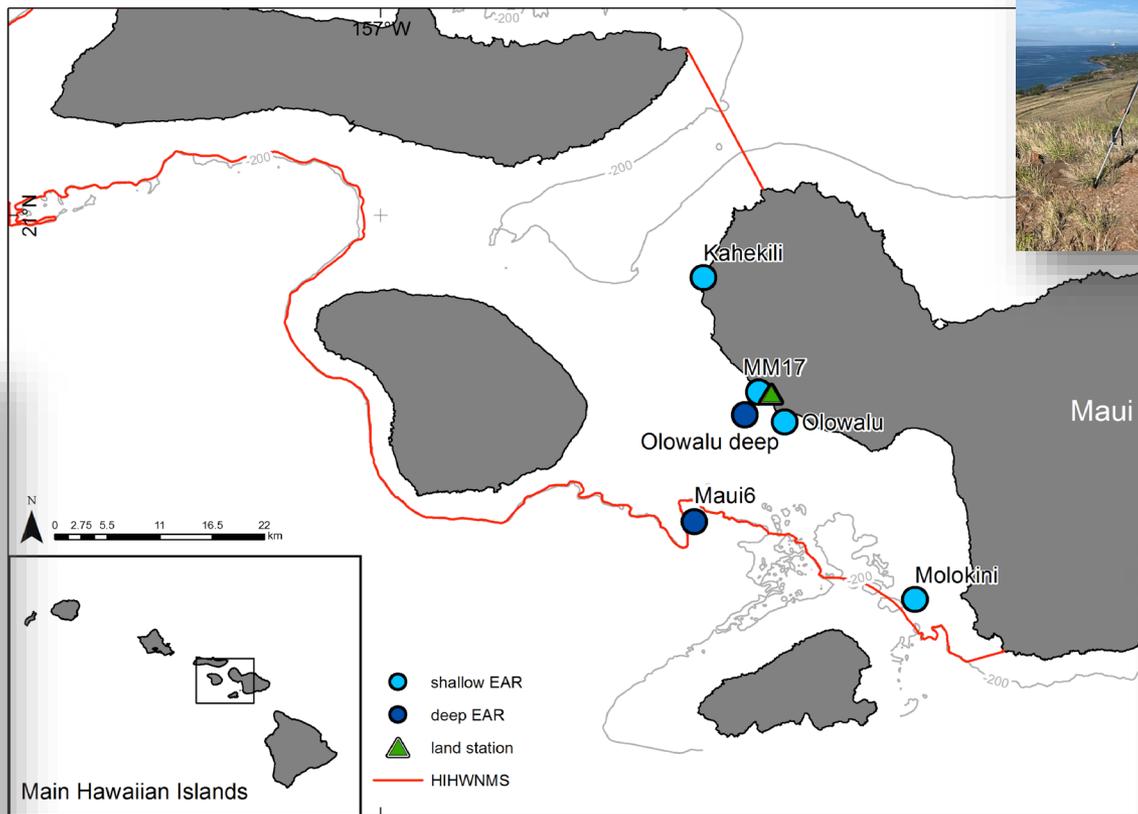


# Historical trends in the number of whales wintering in Hawaii





# Acoustic & visual monitoring



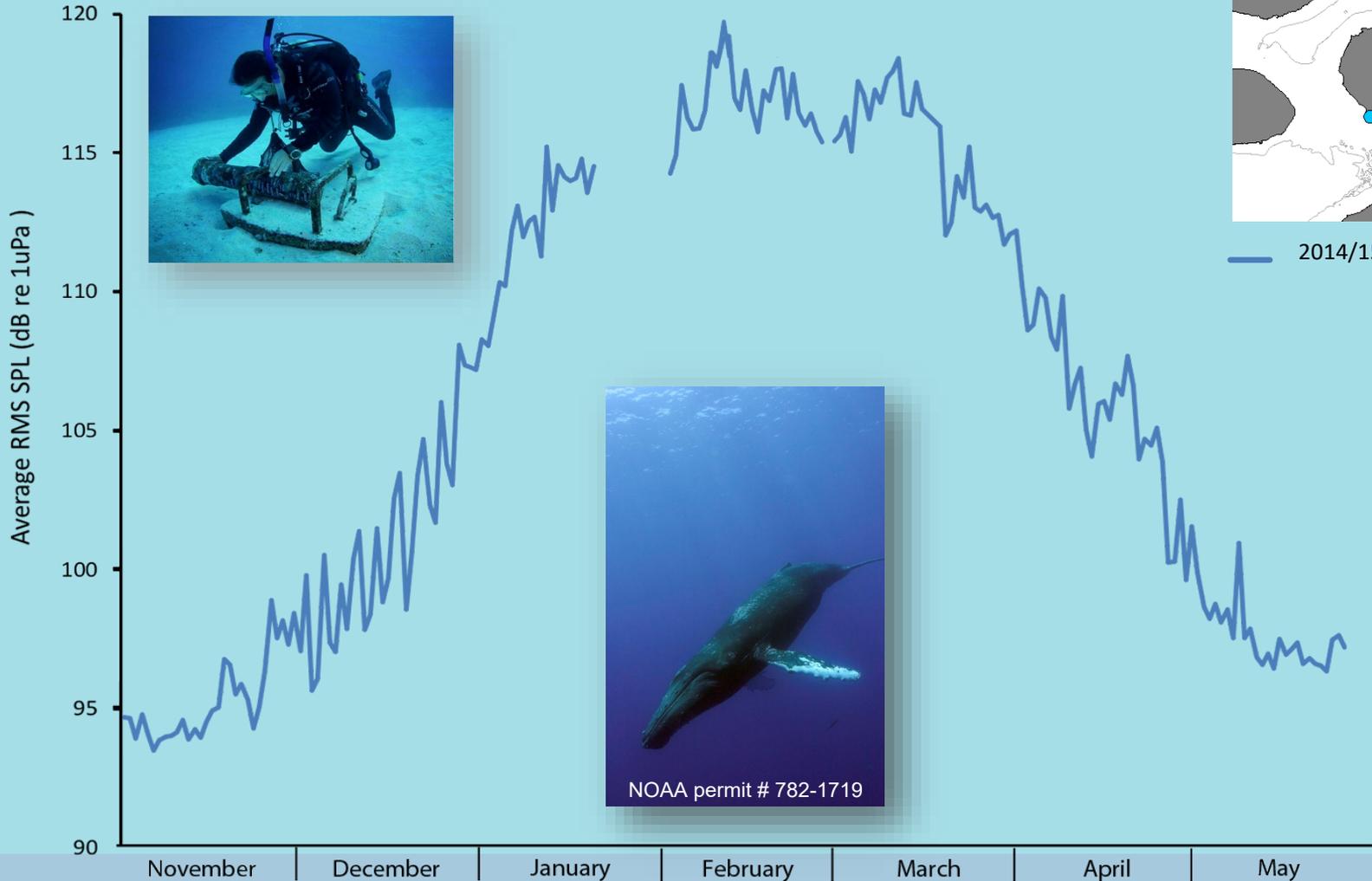
2017-20

2014-20



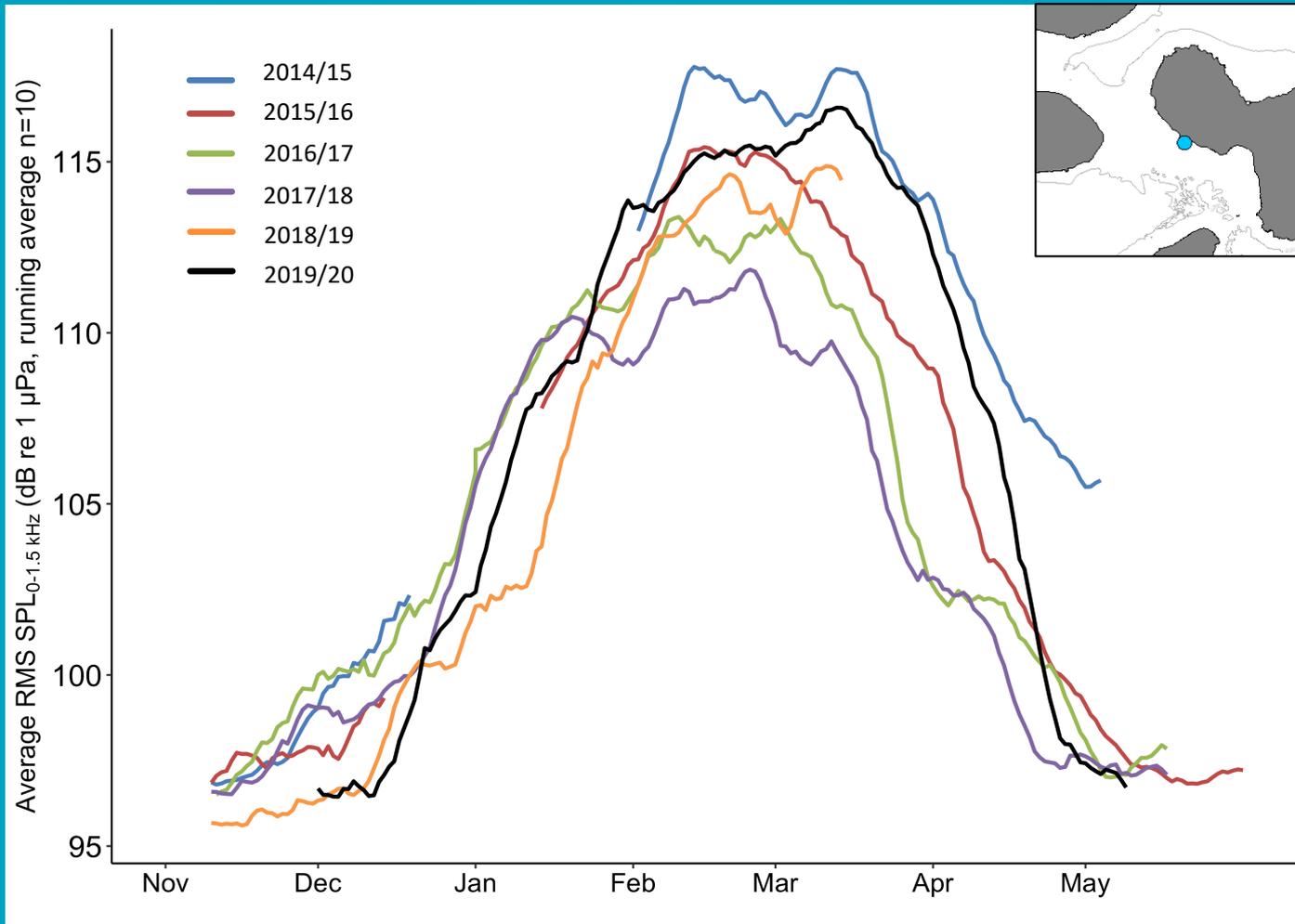


# Seasonal humpback whale chorusing



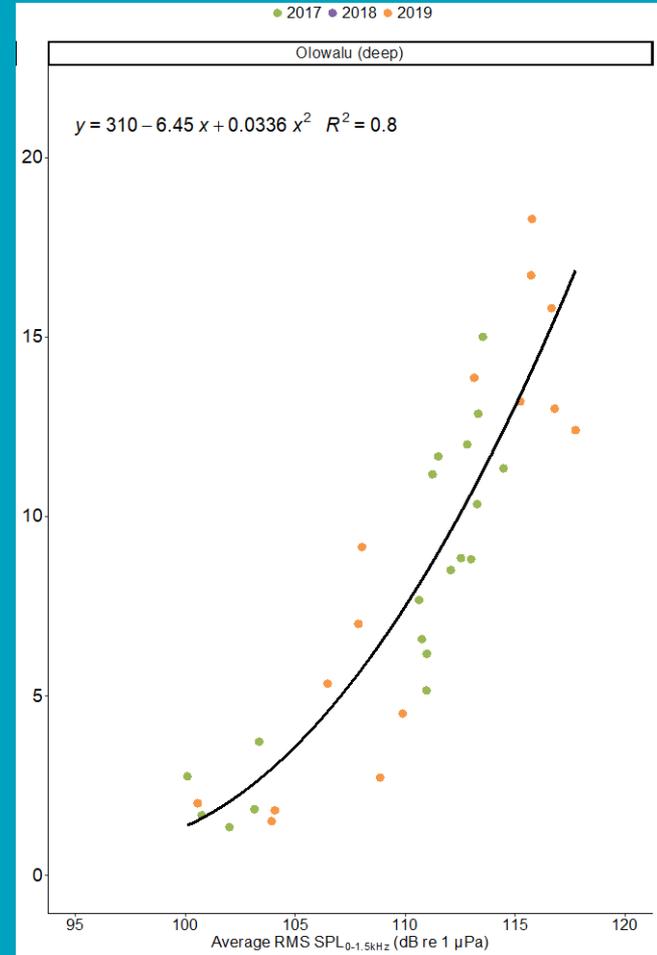
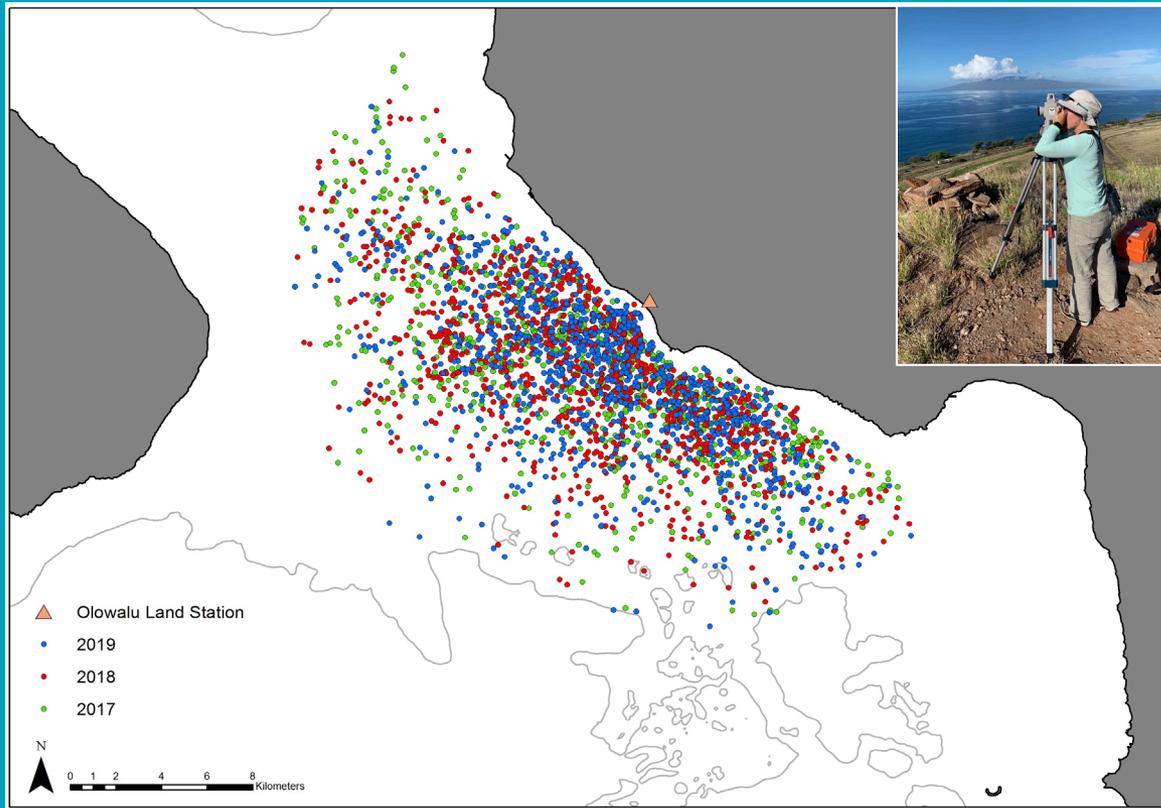


# Seasonal humpback whale chorusing 2014-2020





# Whale counts vs. chorusing dB

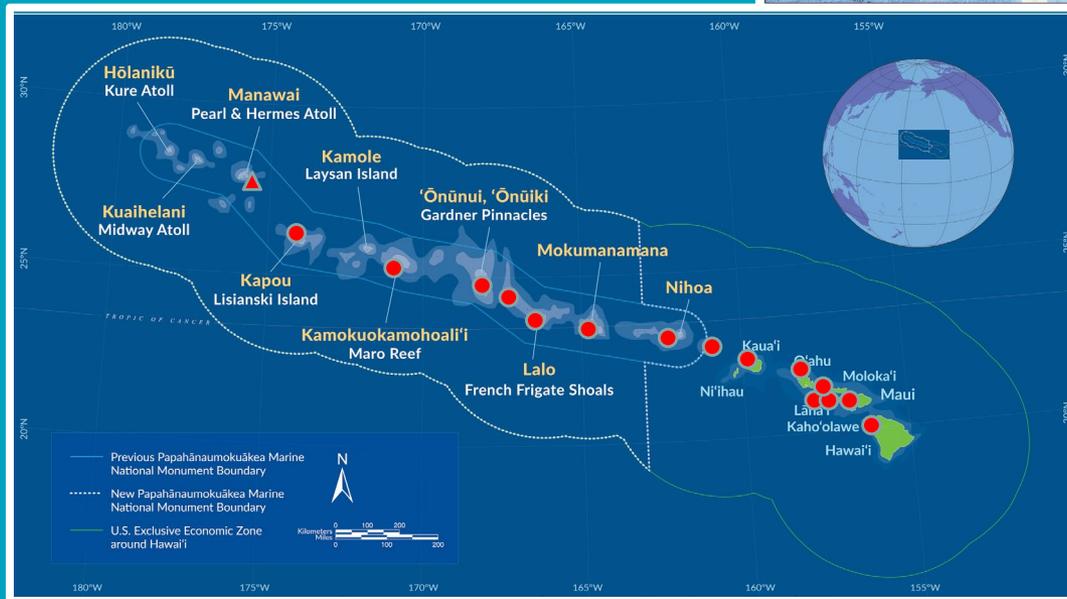




# SanctSound Project



3-year ONMS-wide effort to study the soundscapes of 7 National Marine Sanctuaries and 1 Marine National Monument funded by the U.S. Navy through a legal settlement





# Vessel transects



- R/V Koholā is used to conduct 8-10 systematic transects each whale season
- Distance sampling methods are used to calculate whale densities (whales/km<sup>2</sup>)
- Whale densities are used to track whale abundance in W. Maui within and between whale seasons

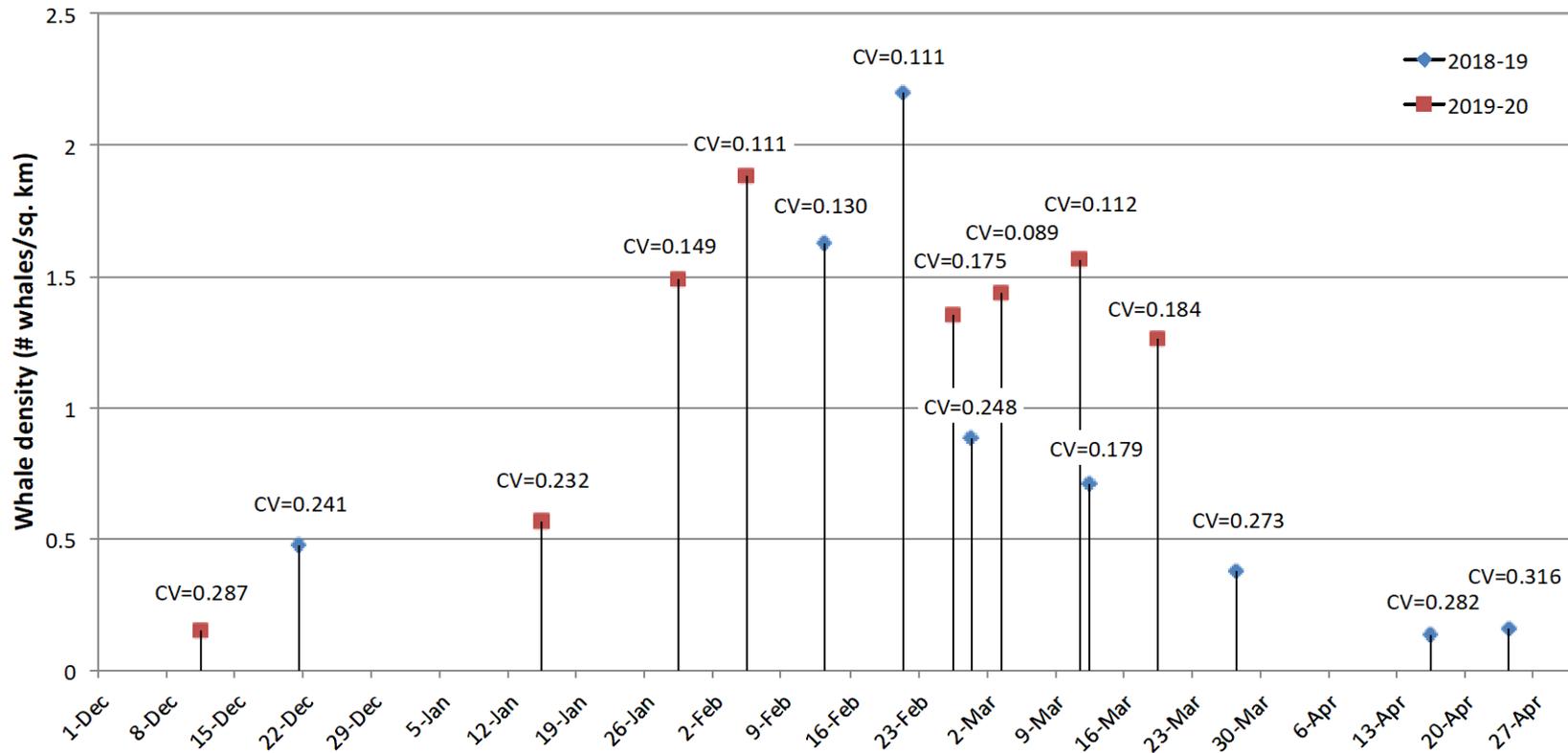




# Vessel transects



### Humpback Whale Densities 2018-19 and 2019-20

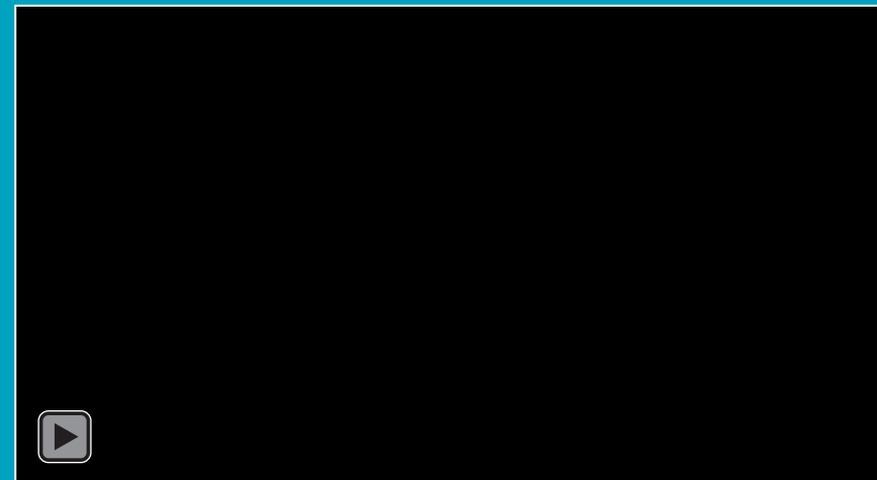




# Tagging studies

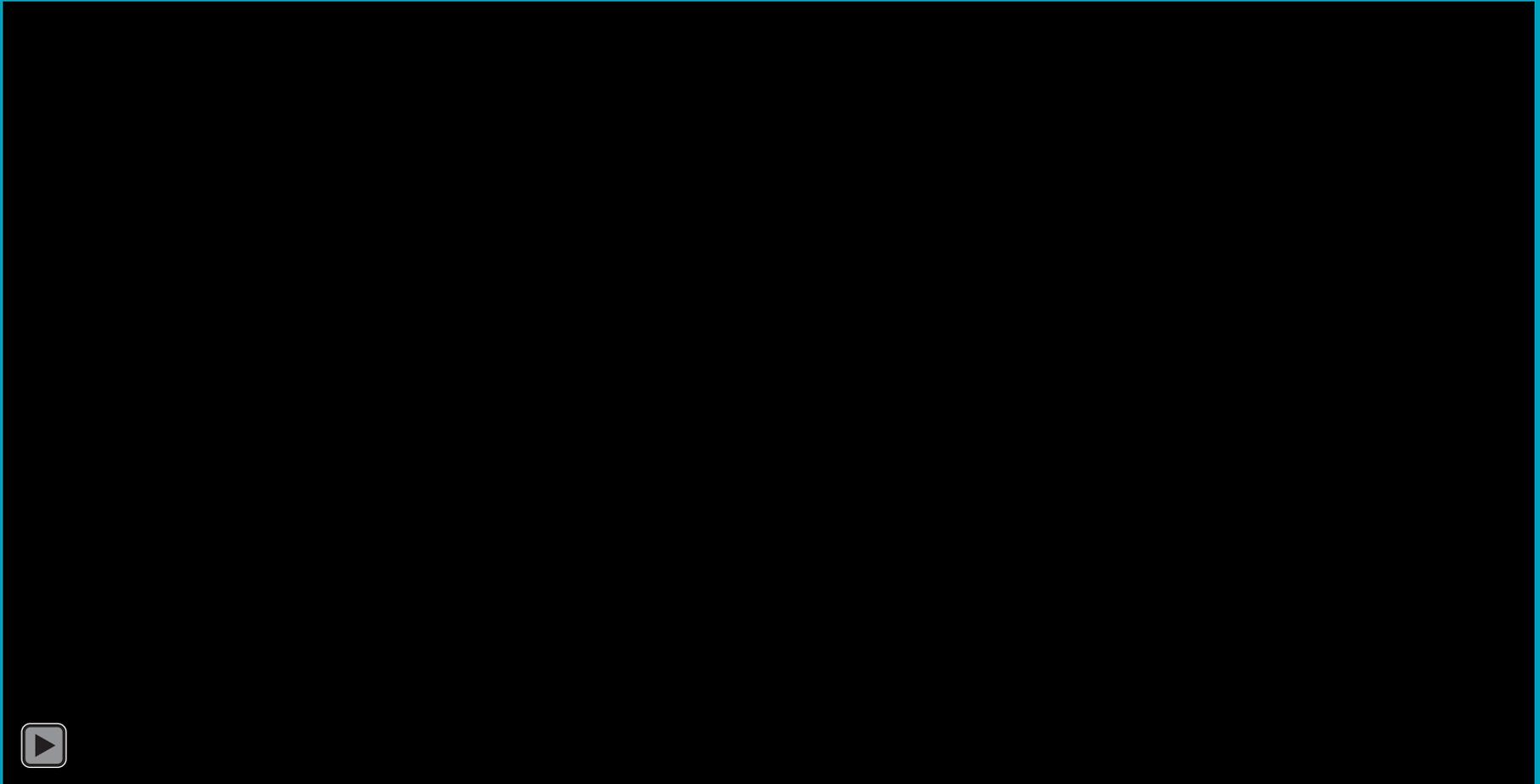


- Long-term collaborations with UH-Hilo, HIMB, Syracuse U. and MLML
- Temporary suction cup tags are deployed on whales using a pole
- Tags record sound, whale movements and dive depth.
- Data are used to study whale behavior, communication, exposure to noise and habitat use





# Tagging studies





Mahalo!

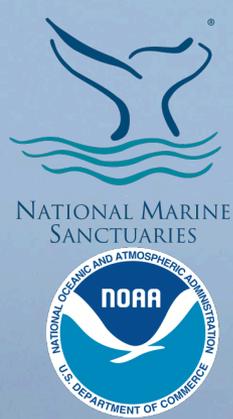
NOAA permit #18786-01

**9:20 AM – 10:30 AM**

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- **Resource Protection (Ed Lyman)**

**\*\*\*QUESTIONS CAN BE SUBMITTED VIA THE QUESTION BOX  
& WILL BE ANSWERED AFTER ALL THE PRESENTATIONS IF  
TIME PERMITS!**



# Health and Risk Assessment Monitoring and Entanglement Response Programs



Hawaiian Islands Humpback Whale  
National Marine Sanctuary  
Sanctuary Advisory Council Meeting  
July 14, 2020

Ed Lyman

Natural Resources Management  
Specialist

Hawaiian Islands Humpback Whale National Marine  
Sanctuary

Regional Large Whale Entanglement Response Coordinator  
NOAA Fisheries' Marine Mammal Health and Stranding  
Response Program

Rachel Finn

Resource Protection Assistant



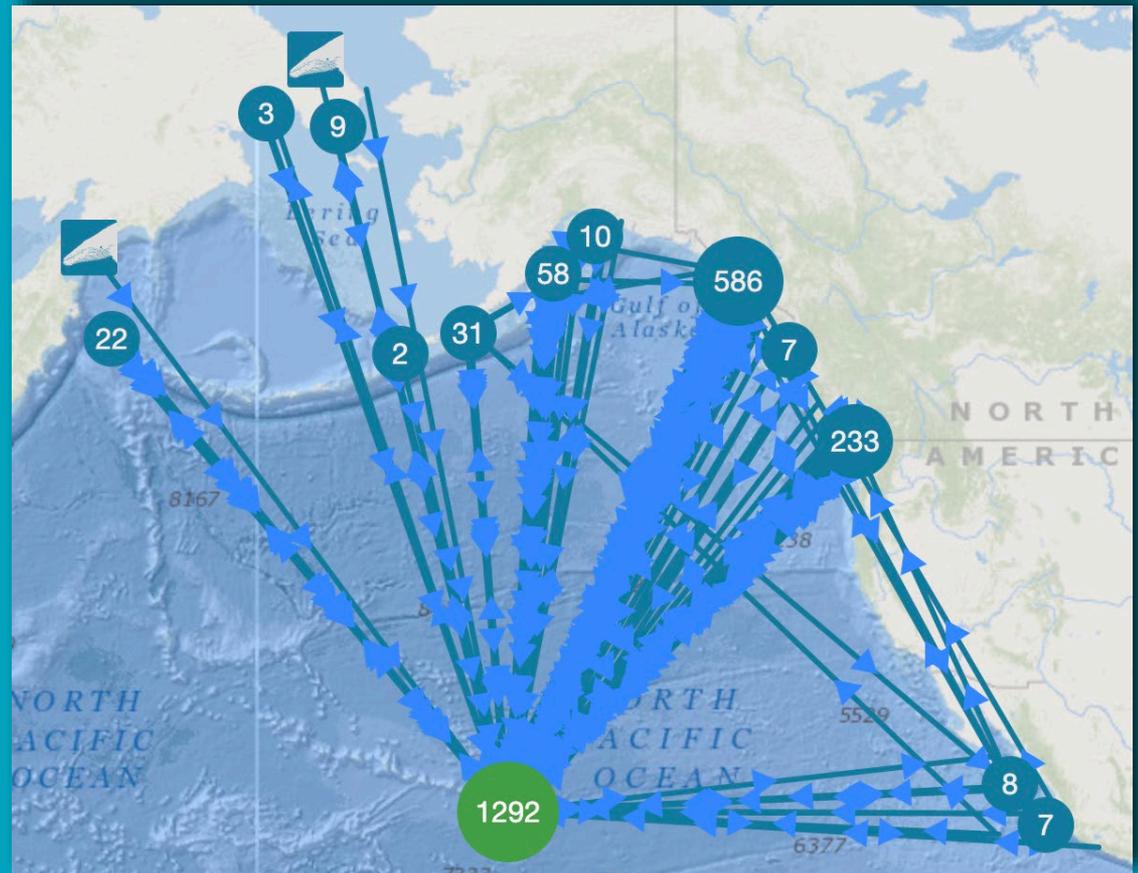
NOAA MMHSRP (permit # 18786-03)



# “HappyWhale” Partnership



- Uses AI to match flukes digitally
- Identifies animal, but also follow over time and space
- Can also provide population estimate
- Sanctuary has been contributing/ partnering with HappyWhale since 2016, but now have MOA
- > 1100 individual animals in Sanctuary catalog (not counting SPLASH effort)



Matches provided by HappyWhale partnership

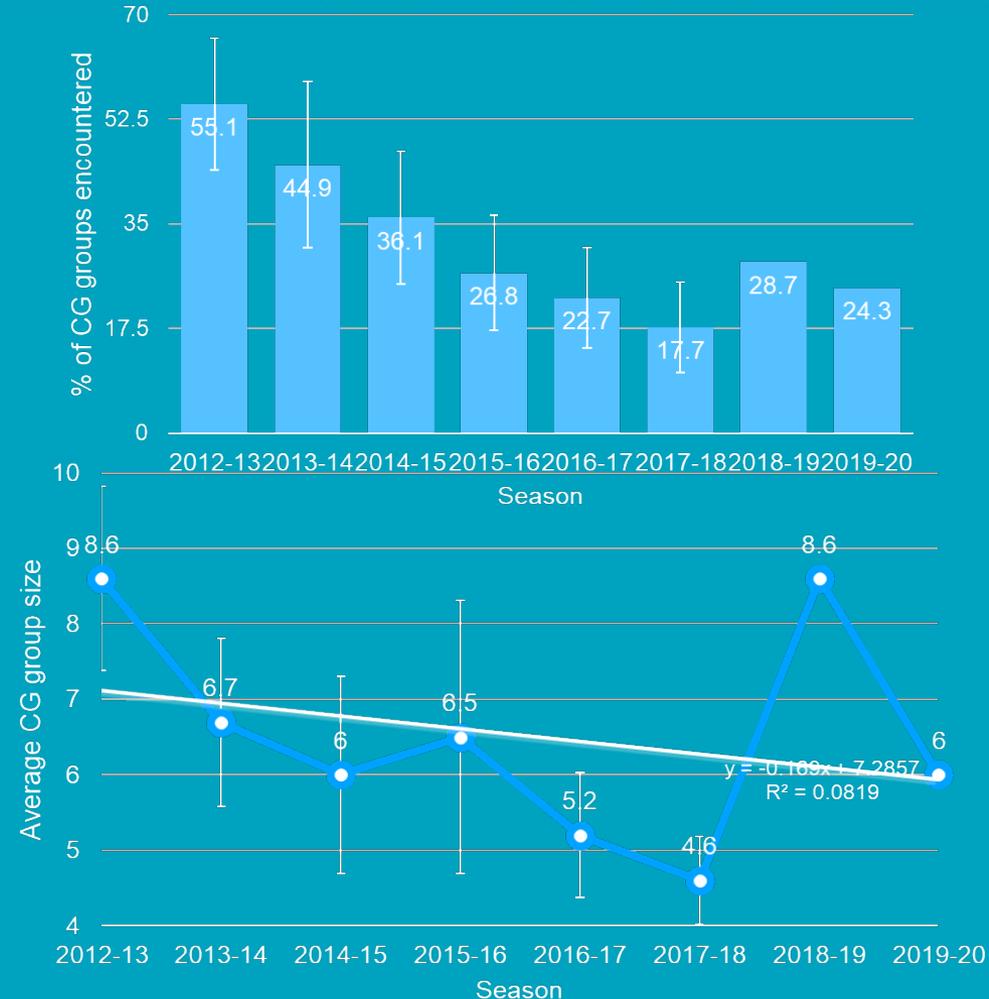


# Demographics (structure and behaviors)



Changes in:

- % of comp groups encountered over time
- average comp group size over time

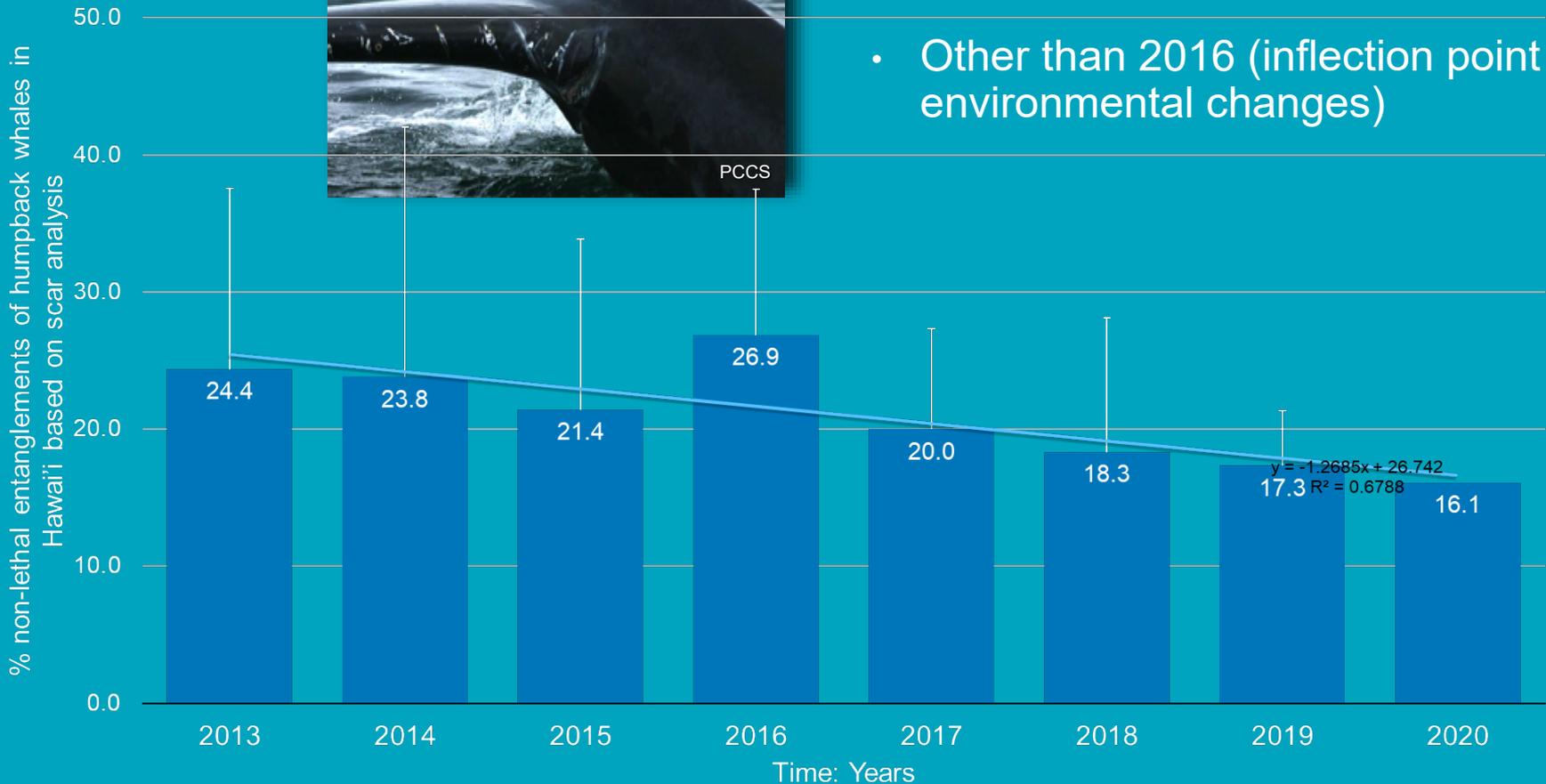




# Entanglement scar analysis



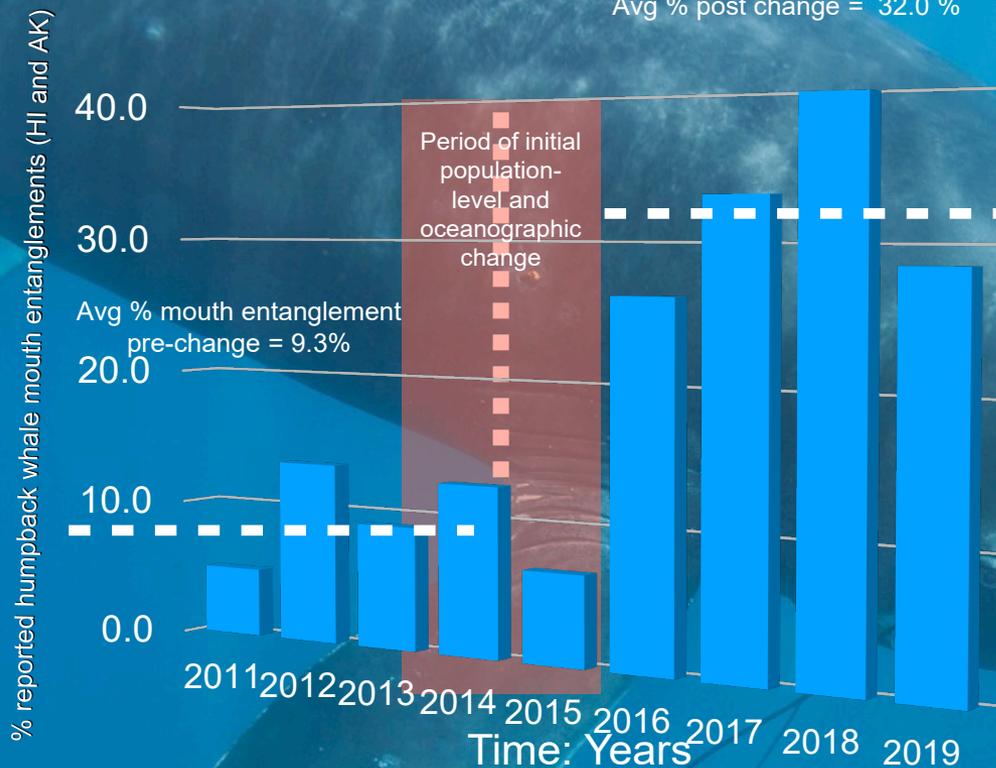
Hawai'i: 2013 - 2020



- Hawai'i scar rate generally decreasing
- Other than 2016 (inflection point of environmental changes)



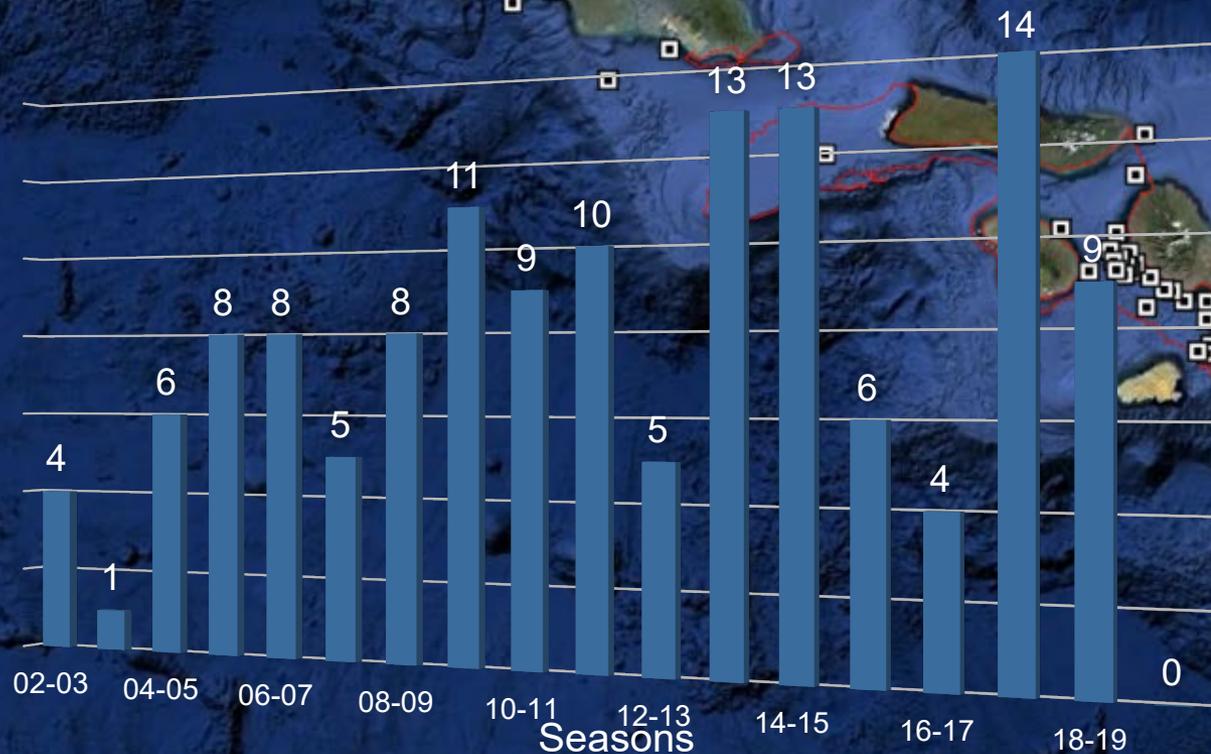
# Mouth entanglements (Alaska and Hawai'i reports)



- Prior to 2015-16 season, % of cases involving the mouth was around 25%
- Since 2015-16 season, value lies at 32%
- We also noted changes in:
  - Gear types
  - Source
  - Ageclass involved

# Entanglement reports

- 421 reports
- 209 (49.6%) confirmed
- 144 animals



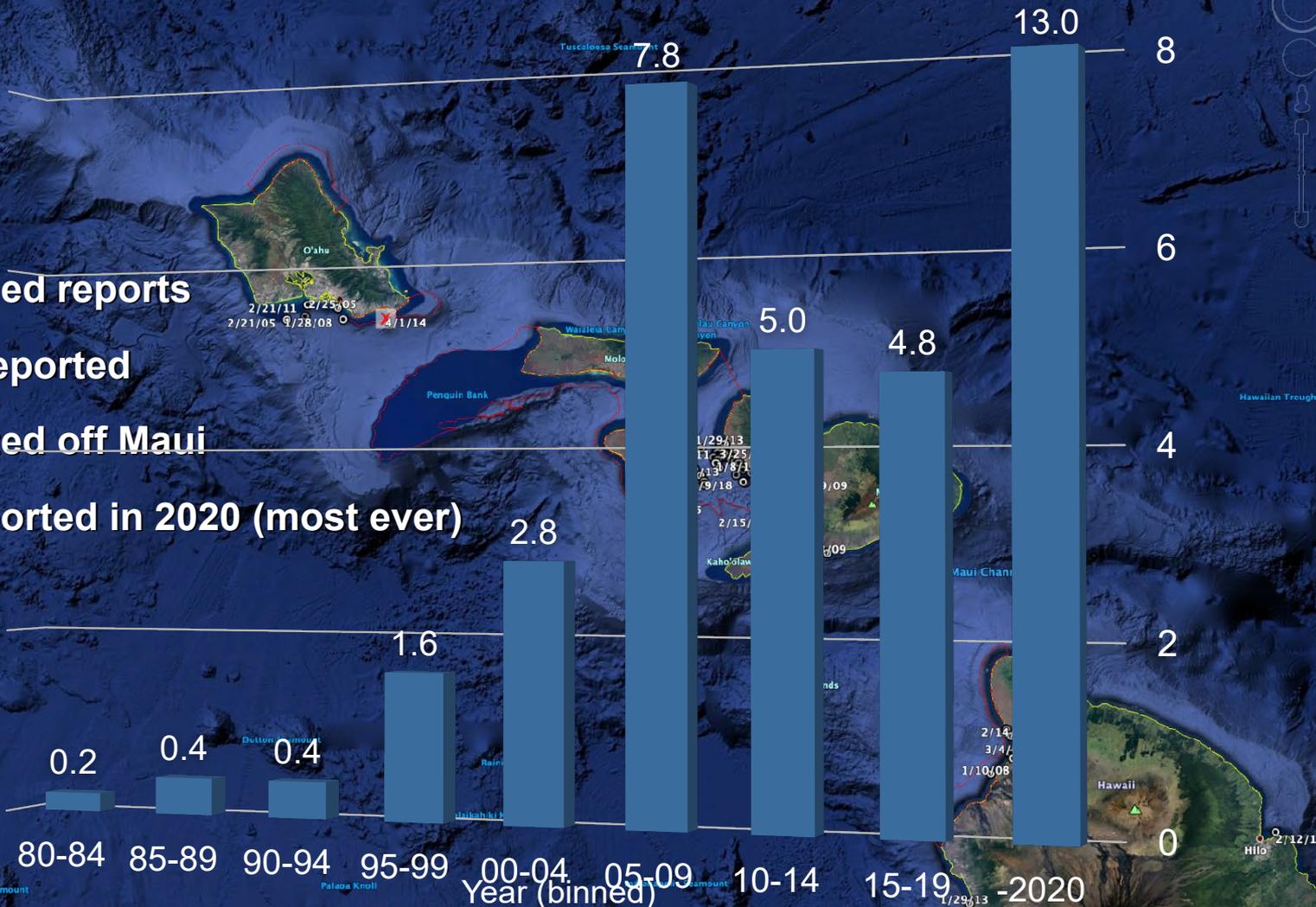
• Reports of entanglement under-estimate threat



# Whale-vessel contacts



- 124 confirmed reports
- 66.7% self-reported
- 67.1% reported off Maui
- 13 cases reported in 2020 (most ever)











# Hawai'i accomplishments

2002 - to date

- Gear removed from 33 whales
- More than 12,000 feet of line removed
- More than 70 sets of gear removed or documented identified

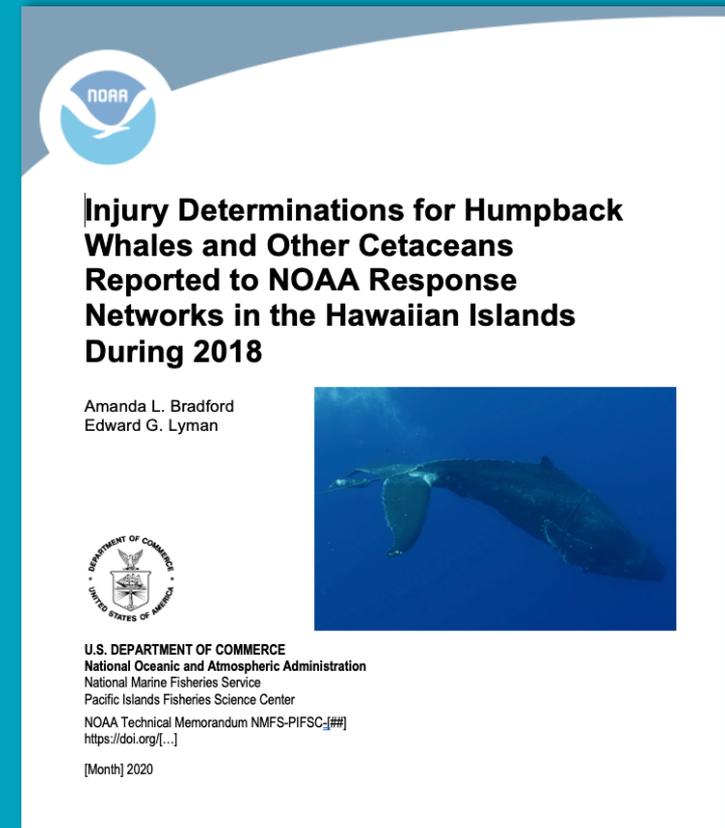


# Serious Injury Determinations

(partnership with NOAA Fisheries)



- Use of historical known outcomes and their associated impacts to quantify impact of future cases
- Done in partnership with NOAA Fisheries Pacific Isl. Science Center since 2007
- Looking into the use of AI to make the determinations

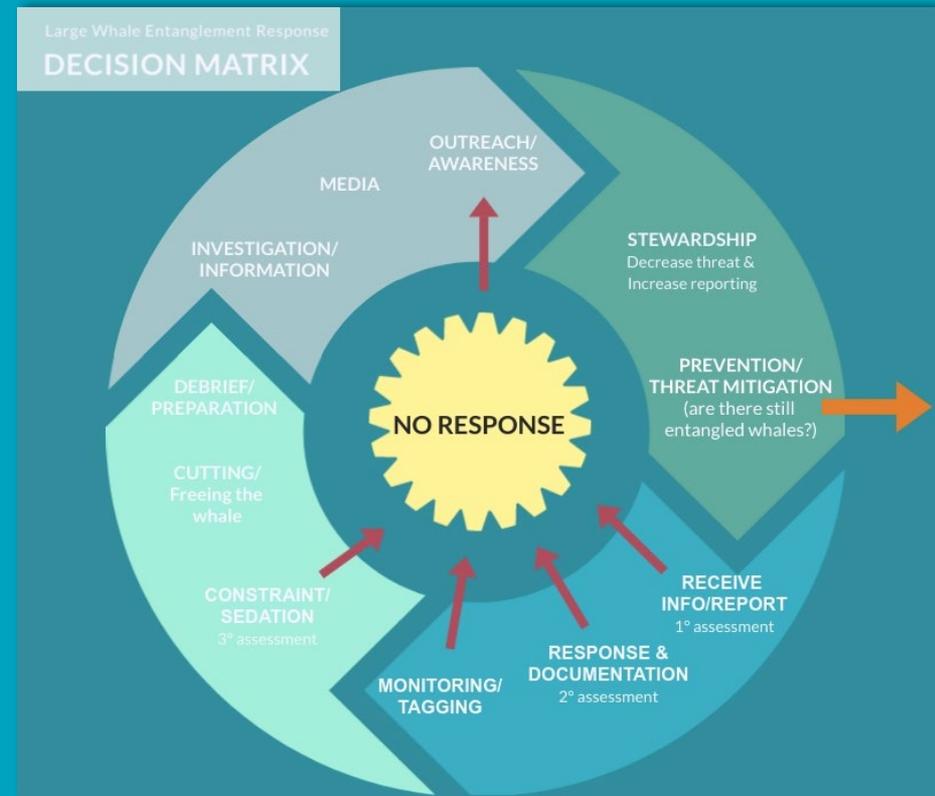




# Drafting Best Practices for Large Whale Entanglement Response



- Sanctuary taking a lead role in drafting large whale entanglement response best practices for country
- Under NOAA Fisheries and Marine Mammal Health and Stranding Response Program
- Represents another partnership with NOAA Fisheries as have “Service Letter Agreement”





# Alaska Detail (partnership with NMFS in AK)



- Since 2005
- > 100 trainings from Dutch Harbor to Ketchikan (> 500 hrs)
- Last summer lead 10 trainings (> 200 responders)



Photo courtesy of Andy Dietrick

NOAA Fisheries (AK region) reimburses sanctuary

Supporting response (ONMS, state of Hawai'i, NOAA Fisheries OPR/ PIR, others)



# Hawai'i Training



- Included our own response trainings throughout the islands
- Mini-Apprenticeship with a response team from Sakhalin Island, Russia

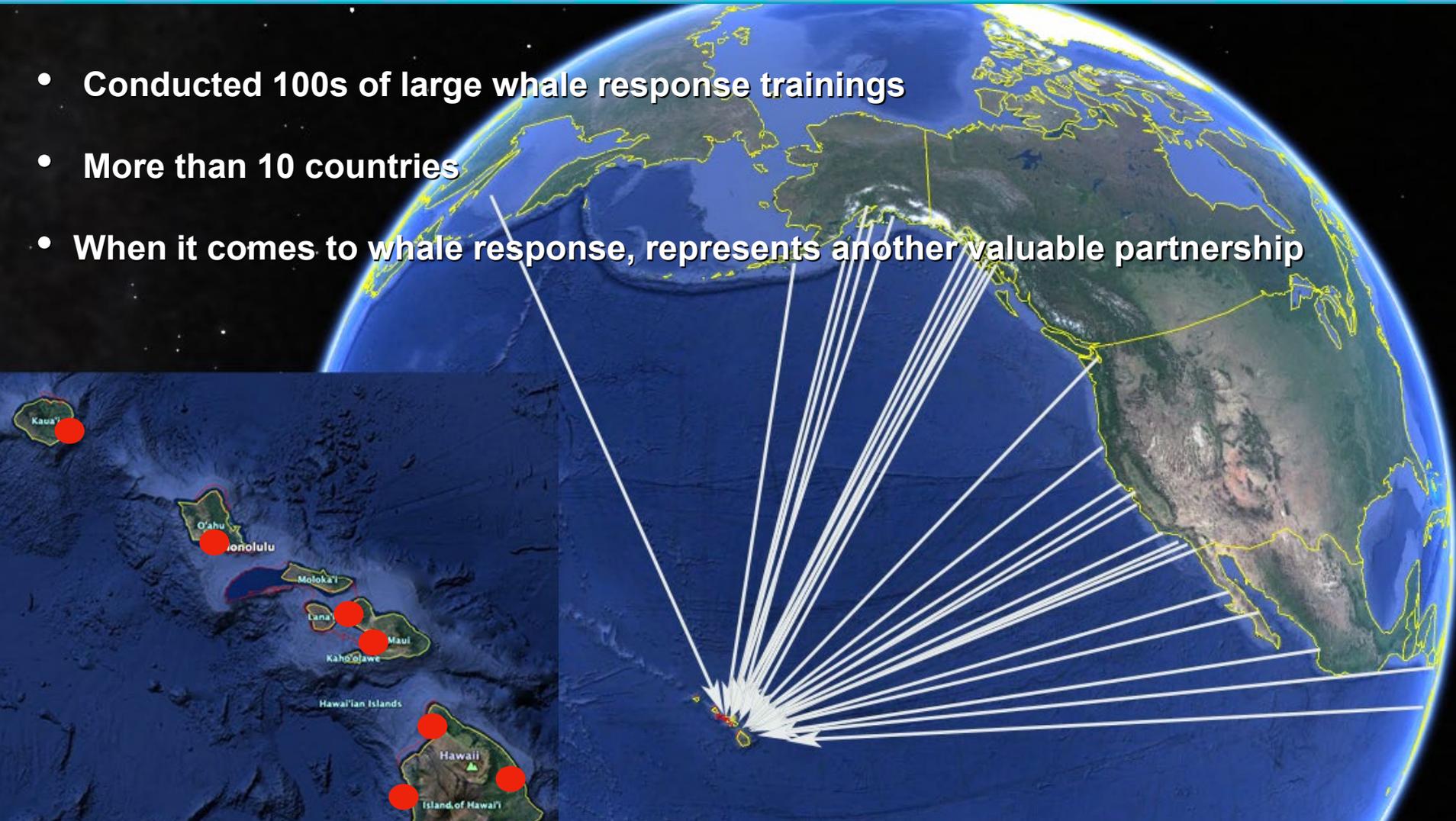




# Sanctuary Training Flukeprint



- Conducted 100s of large whale response trainings
- More than 10 countries
- When it comes to whale response, represents another valuable partnership

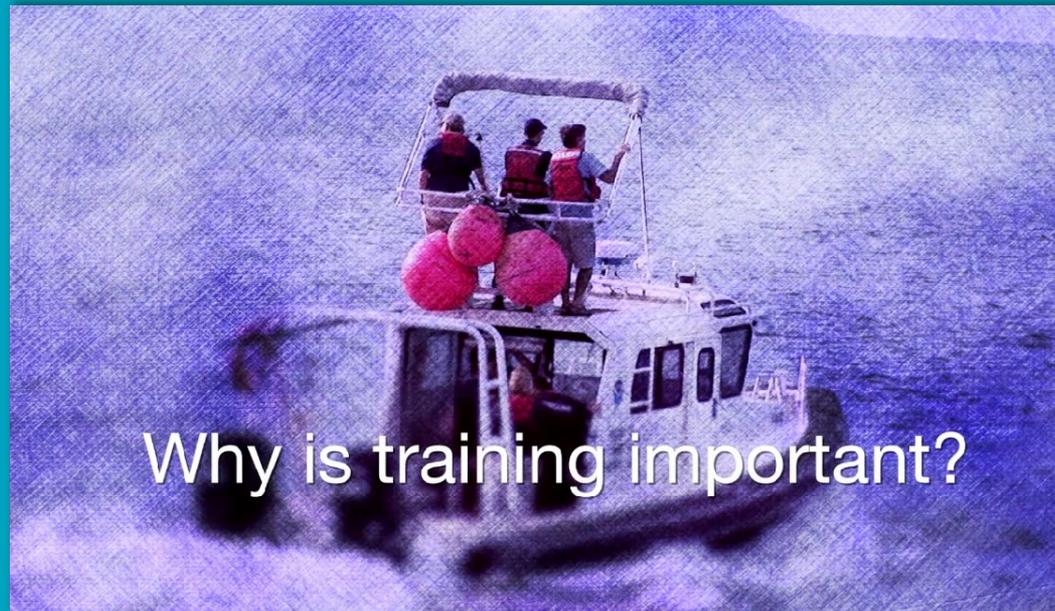




# On-line First Responder Course



<http://pacific-islandstraining.whaledisentanglement.org/>



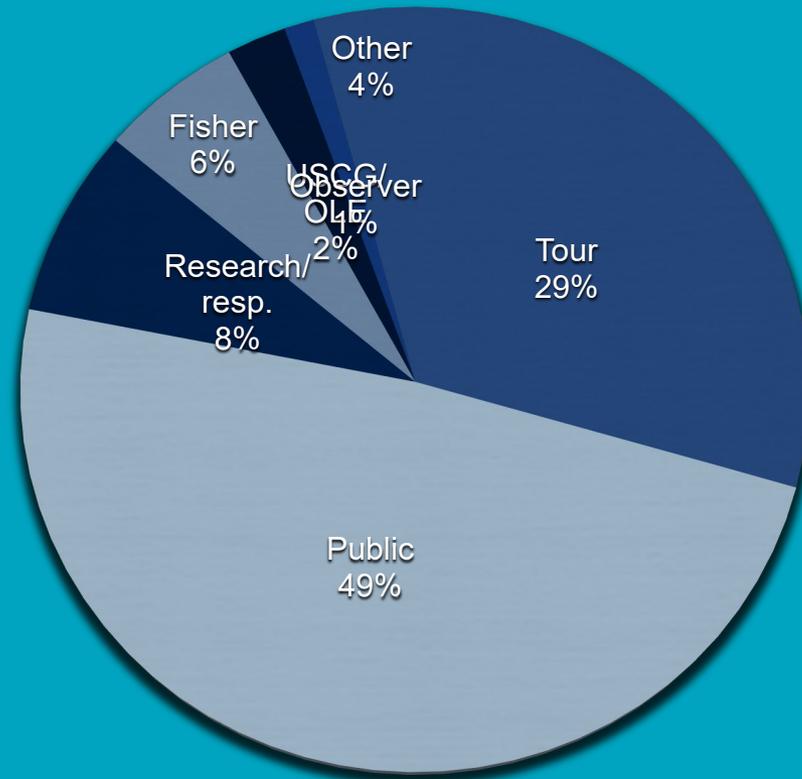
Why is training important?



# Health and risk assessment: On-water community's role



- Community is foundation of our monitoring effort
- Find, report, assess, document, monitor animals
- On-water community provides more than 50% of reports





# Community-based transects (partnership with on-water community)



- Use of vessels-of-opportunity to increase transect spatial effort
- Greater partnership with community (and volunteers)
- Presently 5 platforms for Maui Nui
- Information (along with monitoring data-logger) can be shared with community (e.g. Visitor Centers)

21:15

Transect-app\_V1 (kohola)

Vessel: Alpha Kai Observer 1: Lance  
Bearing: 250 Observer 2: Amy Eldredge

Sighting: 1  
 One  Three  5-7  11-13  
 Two  Four  8-10  >13

Distance:  
 w/i 50M  300 M  .75 mile  
 100 M  .25 mile  1 mile  
 200 M  .5 mile  > 1 mile

Bearing  9  10  11  12  
(clock):  1  2  3

Group Type:  
 MC  MCE  CG  Unknown

Beaufort:  Weather only/  
No animals

Weather:

Time:

Location:

STOP TRANSECT Delete Sighting Back Forward Next Sighting

Start Date/Time: 7/1/2020 7:55:24 End Date/Time:

Start Loc.: +20.736388, -156.454681 End Loc.:

Ocean Count on the water



# Use of drones (monitoring partnerships)



- Used since 2016
- Used in ~35% of responses
- Three multi-week efforts
- Drone partners:
  - Center for Collaborative Unmanned Technologies
  - Ocean Unmanned
  - Woods Hole Oceanographic Institution
  - ONMS UAS Program



# Use of drones

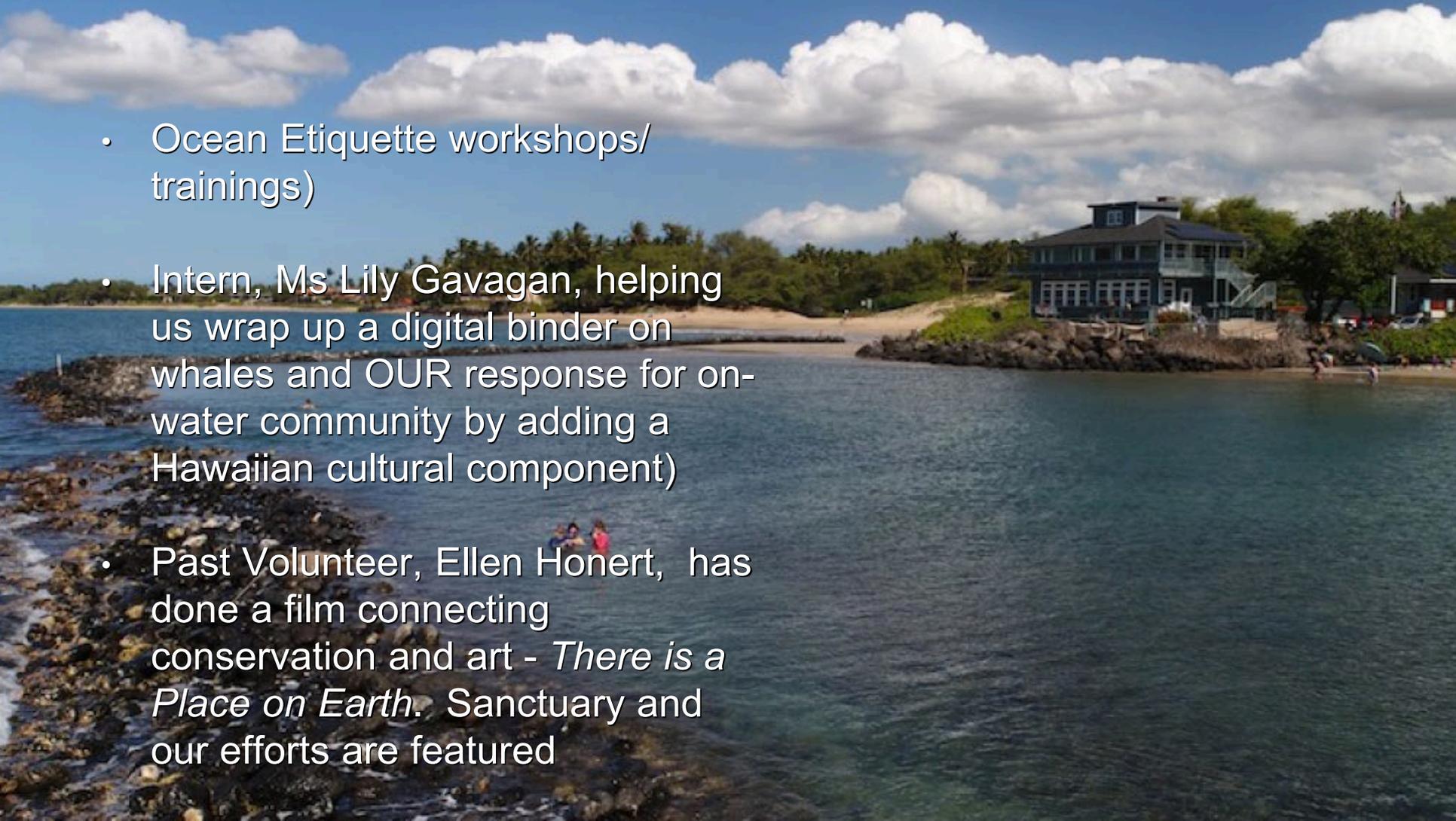
- Most recent:
  - Tested semi-autonomous drone
  - Used AI to self land (increase safety)
  - Pilot training
  - Sanctuary gets a drone with this capability

Planck Shearwater UAS



# Associated outreach and education

- Ocean Etiquette workshops/ trainings)
- Intern, Ms Lily Gavagan, helping us wrap up a digital binder on whales and OUR response for on-water community by adding a Hawaiian cultural component)
- Past Volunteer, Ellen Honert, has done a film connecting conservation and art - *There is a Place on Earth*. Sanctuary and our efforts are featured

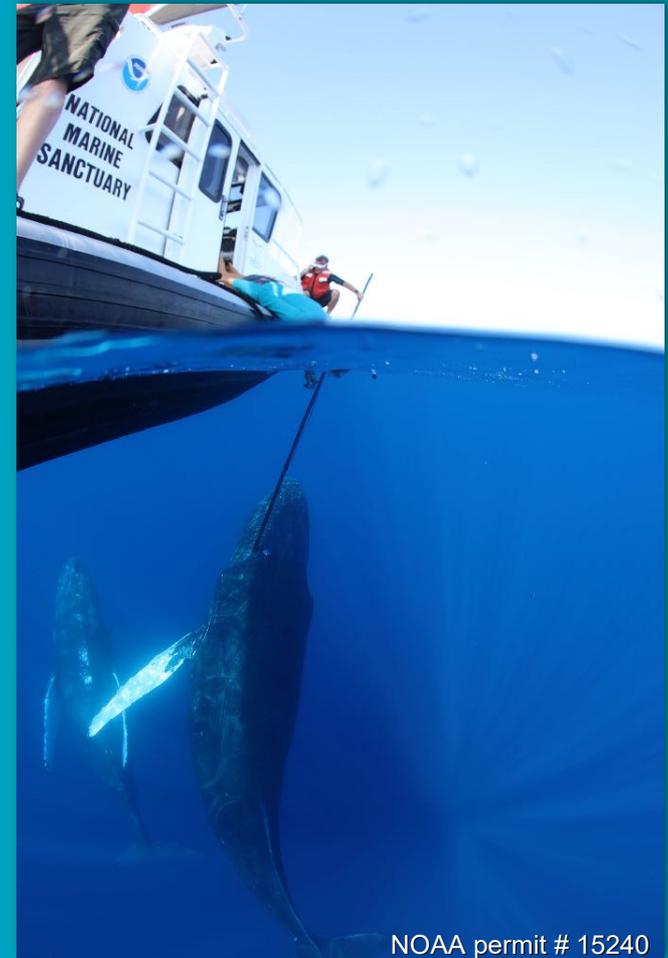




# Summary



- Sanctuary continuing to monitor the whales, especially important with recent changes
- Share our expertise
- Broad perspective (animals and threats do not remain in sanctuary waters)
- Developing many partnerships
- Continuing to work with the community
- Teamwork ('Ohana)



NOAA permit # 15240



# Acknowledgements



- NOAA Office of Protected Resources
- NOAA Fisheries Pacific Region Office
- NOAA Fisheries Pacific Islands Fisheries Science Center
- NOAA Office of Law Enforcement
- Hawaii Department of Land and Natural Resources
- U.S. Coast Guard/ CG Aux. (D14)
- NOAA Corps
- Fishers (Commercial, sport, recreational)
- Hawaiian Islands Humpback Whale National Marine Sanctuary
- Whale researchers (NGOs)
- West and East Hawaii Marine Mammal Response Network (under NOAA Fisheries PRD)
- Commercial tour operators
- Navy
- Watermen (other ocean -users)
- Glacier Bay National Park and Preserve
- Jupiter Research Foundation
- Woods Hole Oceanographic Institution
- Center for Collaborative Unmanned Technologies
- HappyWhale
- Ocean Mind
- Pacific Whale Foundation
- Whaleman Foundation
- Oceans Unmanned
- Hawaii Marine Mammal Consortium
- Hawaii Marine Education and Research
- Native Hawaiian Community

*All response activities on endangered whales are conducted under NMFS permit 932-1905 issued to the Marine Mammal Health and Stranding Response Program.*

Courtesy of Jason Moore/ NOAA MMHSRP permit # 932-1905



# Mahalo



# Questions

**for Hawaiian Islands Humpback Whale  
National Marine Sanctuary staff?**

**\*\*\*QUESTIONS CAN BE SUBMITTED VIA THE QUESTION BOX  
& WILL BE ANSWERED IF TIME PERMITS!**

**IF YOUR QUESTION IS NOT ANSWERED YOU MAY RECEIVE A  
FUTURE EMAIL ANSWERING YOUR QUESTION.**

**10:30 AM - 10:45 AM**

## **PUBLIC COMMENT**

Important Note for Members of the Public Planning to Make Public Comment: If you would like to comment during the virtual 80<sup>th</sup> Hawaiian Islands Humpback Whale National Marine Sanctuary advisory council meeting please sign up in advance by selecting “yes” during the online registration. The order of comments will be based on your date and time of registration. Please note, no public comments will be audio or video recorded. If you would like to provide public comment anonymously during the virtual meeting, please email your comment to [cindy.among-serrao@noaa.gov](mailto:cindy.among-serrao@noaa.gov) or type your comment into the question box and ask for it to be read anonymously during the assigned time.

10:45 AM - 11:25 AM

## POTENTIAL ACTIONS

- SAC comments on Flower Garden Banks National Marine Sanctuary proposed rulemaking for sanctuary expansion (Sol Kaho'ohalahala)



The image is a screenshot of the Flower Garden Banks National Marine Sanctuary website. At the top left, there are logos for the National Marine Sanctuaries and the Flower Garden Banks. To the right of these logos is the text "FLOWER GARDEN BANKS NATIONAL MARINE SANCTUARY" and a search bar. Below the header is a navigation menu with the following items: Visit, Get Involved, Learn, Science, About, Manage, News, Protect, Images, and Documents. The main content area features a large, vibrant underwater photograph of a coral reef. Overlaid on this image is the text "PROPOSED RULE FOR SANCTUARY EXPANSION" in large, white, bold, sans-serif capital letters. In the top left corner of the image area, there are small navigation links: "HOME", "MANAGEMENT", and "PROPOSED RULE FOR SANCTUARY EXPANSION".

10:45 AM - 11:25 AM

## POTENTIAL ACTIONS

- SAC discussion on proposed Chumash Heritage National Marine Sanctuary (Maka'ala Ka'aumoana)



10:45 AM - 11:25 AM

## POTENTIAL ACTIONS

- SAC discussion on Executive Order to Promote American Seafood Competitiveness and Economic Growth (Sol Kaho'ohalahala)

EXECUTIVE ORDERS

# Executive Order on Promoting American Seafood Competitiveness and Economic Growth

— ECONOMY & JOBS | Issued on: May 7, 2020



**11:25 AM – 11:30 AM**

## **NEXT STEPS (SOL KAHO‘OHALAHALA)**

- Next proposed meeting is July 29, 2020 and will be virtual
- Council officer elections will be held at the next meeting (Chair, Vice Chair, and Secretary)

**11:25 AM – 11:30 AM**

## **NEXT STEPS (SOL KAHO‘OHALAHALA)**

- Potential Future Meeting dates:
  - Wednesday, September 16, 2020
  - Wednesday, November 18, 2020
  - Wednesday, January 13, 2021
  - Wednesday, March 10, 2021
  - Wednesday, May 12, 2021
  - Wednesday, July 14, 2021
  - Wednesday, September 8, 2021

**\*Please save these dates**

# Questions?

**\*\*\*QUESTIONS CAN BE SUBMITTED VIA THE QUESTION BOX  
OR RAISE YOUR HAND TO BE UNMUTED!**

11:30 am: Pau!

**Mahalo!**