CINMS Management Plan Update Process

Update for the Sanctuary Advisory Council

January 22, 2021
Status of Management Plan Update Process

- **Sanctuary Condition Report** released July 2019
- **Public Scoping Period and Scoping Meetings**
  - Oct 1-Nov 15, 2019
- **Management Issue Identification and Prioritization**
- **Develop Draft Management Plan and Environmental Review Documents**
- **WE ARE HERE**
- **Public Review and Comment on Draft Documents**
- **Publish Final Management Plan, Final Environmental Review, and Final Rule**
- **Prepare Final Management Plan, Environmental Review, and Final Rule**

= public and advisory council input

= step complete
Status of Management Plan Update Process

Recent activities:

● Firmed up our 10 action plan topics, assigned staff leads, formed internal teams

● Briefed regional and national leadership

● Preparing for upcoming writing workshop to start developing the project’s Draft Environmental Assessment
Draft Management Plan: Action Plan Topics Taking Shape - Issue-Based Plans

- **Climate Change**
  - Vulnerability assessment
  - Support ocean acidification studies & monitoring
  - Assess impacts to deep sea corals
  - Role of marine reserves
  - Education & public engagement on ocean climate change/ocean acidification
  - CINMS emissions inventory & reduction
    - including VSR ship emission reductions

- **Marine Debris**
  - Understand macro and microplastic load/trend, with partners
  - CINMS shoreline focus for cleanups and source assessment/quantification
  - Collaborate with: fishermen on gear loss, non-profits on submerged debris
  - Education & outreach strategies/partnerships

- **Introduced Species**
  - Support research/tracking of habitat change from Undaria pinnatifida and other non-native species
  - Education/outreach with harbors/boaters to reduce additional spread
  - Support early detection and response within CINMS

- **Vessel Traffic**
  - Whale ship strike / Vessel Speed Reduction
  - Area To Be Avoided (ATBA) adjustment
  - Remote sensing (Shore-based radar, AIS)

- **Zone Management**
  - Support monitoring, enforcement, and joint CDFW/NOAA administration of Channel Islands MPA network
  - Santa Barbara Channel MPA Collaborative
  - CDFW MPA Decadal Review process
  - Evaluate and respond to other zoning issues/proposals
Draft Management Plan: Action Plan Topics Taking Shape - Programmatic Plans

- **Education & Outreach**
  - Blue Economy (tourism, rec use, recreational fishing)
  - Volunteer and outreach program
  - Citizen science
  - Visitor centers/partner facilities/signage
  - Media and communication tools
  - Curriculum and education product development
  - Collaborating with education partners
  - Regional & national initiatives
  - [see also: issue-based action plans]

- **Resource Protection**
  - Emergency response (spills, groundings, entanglements)
  - Enforcement
  - Technology development
  - White abalone
  - Permitting
  - Emerging issues
  - [see also: issue-based action plans]

- **Research & Monitoring**
  - Socioeconomic: human use assessment
  - Sanctuary condition tracking & reporting
  - Ocean noise monitoring
  - Coordination of priority field studies
  - Habitat mapping characterization of sanctuary features
  - Research interpretation & information sharing
  - Regional & national sanctuary system initiatives
  - [see also: issue-based action plans]

- **Maritime Heritage**
  - Shipwreck exploration, monitoring, interpretation
  - Chumash community partnership

- **Administration & Operations**
  - Vessel Operations Program and other field operations
  - Administrative & facility priorities and initiatives
  - Sanctuary Advisory Council
  - [see also: Climate Change action plan]
Using “Slido” (for advisory council members)
Using “Slido” (for advisory council members)

- Head to “www.slido.com” (best way!)
- Scan QR code using camera on phone
- Wait for Claire or June to put question link in chat
Join at slido.com #9462
Sanctuary Interpretive Signs - Goal

Increase awareness of the Channel Islands, highlight resources that make it special, promote commercial and recreational activities, and promote regulations in place to ensure the Channel Islands thrive into the future.
Sanctuary Interpretive Signs - Background

- Current signs installed go back as far as 17 years
- Strategic assessments
- Funding Challenges & Opportunities
  - Oil spill settlement funds
### Interpretive Signs - Many Partners!

<table>
<thead>
<tr>
<th>Area</th>
<th>Number of Signs</th>
<th>Sign Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Parks</td>
<td>7</td>
<td>Channel Islands National Park</td>
</tr>
<tr>
<td>State Parks</td>
<td>3</td>
<td>Carpinteria State Beach, El Capitan State Beach*, Refugio State Beach, Montana del Oro State Park</td>
</tr>
<tr>
<td>City/County Parks</td>
<td>9</td>
<td>Santa Barbara County Regional Parks, City of Goleta, City of Pismo Beach, City of Lompoc, Goleta Pier, Port Hueneme Pier</td>
</tr>
<tr>
<td>Harbors/Marinas</td>
<td>11</td>
<td>Santa Barbara Harbor, Ventura Harbor, Channel Islands Harbor</td>
</tr>
<tr>
<td>Other Jurisdictions</td>
<td>10</td>
<td>Vandenberg AFB, University of California Santa Barbara, UC Reserve at Coal Oil Point, Santa Barbara Zoo, Beachcomber Inn, Shell Beach, Hollister Ranch Shoreline Preserve</td>
</tr>
</tbody>
</table>

Table 2: CINMS Sign Distribution by Jurisdictional Location. (*) Sign was removed from El Capitan State Beach and is currently being refabricated.
Types of Signs: Sanctuary Orientation
Types of Signs: Channel Islands

Marine Life and Habitats

A Nourishing Environment

The waters surrounding the Channel Islands provide a natural habitat for an incomparably rich and diverse community of marine life. The mixing of cold waters from the North Pacific with warmer currents from Baja California results in flourishing populations of fishes and invertebrates, large forests of giant kelp, and abundant populations of whales, dolphins, seals, sea lions and seabirds. These pristine waters are susceptible to human impacts of pollution, over-harvesting, and changing environmental conditions. What can you do to help ensure that this special ocean environment remains healthy?

Un Ambiente Productivo

Las aguas que rodean las Islas Channel Islands proveen un hábitat natural para una comunidad de vida marina inigualable. La mezcla de aguas frías del Pacífico Norte con corrientes de aguas cálidas del Mar de California, resulta en presencias populacionales de peces y mariscos, impresionantes bosques de algas gigantes, y abundantes poblaciones de ballenas, delfines, focas, leones marinos, focas y aves marinas. Estas aguas prístinas son susceptibles a los impactos humanos de contaminación, sobreexplotación y cambios en las condiciones ambientales. ¿Qué puedes hacer tú, para asegurarte que este ambiente océánico permanezca saludable?

Legends of the fotografías

Paisajes

Un millar de especies de peces viven en las aguas de las Islas Channel Islands. Unas 130 especies de aves marinas también se encuentran en las aguas de las Islas Channel Islands, entre ellas la ballena gris, el tiburón pulpo, el gaviota real, el gaviota de las Islas de las Perlas y el pelícano pescador.

Elefantes de Marine Life

Los pantanos de marea son propios de laboratorio para miles de especies de crustáceos, moluscos y sábanas de algas.

Libro de Marineros

Los libros de marineros son un recurso valioso para los navegantes en tierras de la mano.

Del Peso

Un alimento para el mar es el alimento para la vida.

Rasgos de un elefante de mar

Un elefante de mar es un maravilla de mar y de la mar. Es un animal que nos enseña a cuidar el mar.

Aves Marinas

Un grupo de aves de mar es un maravilla de mar. Un grupo de aves de mar es un maravilla de la vida marina.
Types of Signs: Ocean Etiquette

- **WARNING**
  - ALL SEABIRDS ARE PROTECTED BY LAW
  - TODOS LAS AVES MARINAS ESTÁN PROTEGIDAS POR LEYES

**AVISO**
Anyone harming a pelican, gull, or other seabird can be prosecuted.

- Never feed seabirds.
- Never attempt to pet wild seabirds.
- Don’t hand-hold or teasing fish.
- Don’t discard monofilament line; recycle it or dispose of it in appropriate containers.

**Toda persona que dañe a un pelicano, gaviota o otra ave marina, será procesada legalmente.**

- Nunca alimente a las aves marinas.
- Nunca intente tocar a las aves silvestres.
- No deje caer la corriente a los pajaritos.
- No deposite los residuos de monofilamento; reciclarlos o desecharlos en las contenedores apropiados.

**HOTLINES/LÍNEAS DIRECTA**
- Report an injured or entangled Seabird to: Notifique un ave lesionada o atrapada:
  - 805-654-5530 Harbor Patrol
  - 805-566-9658 Wildlife Care Network

**NOTIFÍQUE LÍNEAS DIRECTAS**
- Report violations of state or federal law to:
  - 888-334-2258 CalMIP
Types of Signs: MPA Interpretive

Marine Protected Areas

The California Channel Islands shelter some of the richest marine ecosystems in the world and have been set aside as both a National Park and a Marine National Sanctuary. A network of 13 Marine Protected Areas covering 318 square miles (240 square nautical miles) have been established by the State of California and the federal government to provide a refuge for sea life.

Marine Protected Area Regulations
- Diving, sailing, swimming, and boating are allowed within Marine Protected Areas (MPAs) but fishing is restricted. Anchoring and transit through MPAs with catch onboard is allowed, so long as fishing gear is stowed and not in use.
- Anacapa Island MPA includes:
  - Anacapa Island Marine Reserve: Protects rare or unique ecotypes, geological, or cultural resources.
  - Anacapa Island Marine Conservation Area: Prohibits all fishing, geological, or cultural resources, except for commercial and recreational fishing for tragacanth.
  - Anacapa Island Special Closure: Prohibited access out to 120’ depth from Jan 1 to Oct 15.
Types of Signs: Blue Economy

Commercial Fishing

The productive marine environment within the Channel Islands National Marine Sanctuary supports economically important commercial fisheries including market squid, sea urchin, spiny lobsters and California halibut. Fishing activity occurs in the nearshore giant kelp beds and rocky reefs and in the deep offshore basins. Fishermen work on many different types of vessels using nets, traps, long lines, rod and reel and dive equipment. There are hundreds of fishermen and fishing vessels annually working within sanctuary waters and supporting local economies.

Explore the Channel Islands

The Channel islands are a popular destination for boating, scuba diving and seal-watching, spectacular sunsets, and beautiful scenery. The Channel Islands National Marine Sanctuary and National Park encourage responsible visitor use when boating, diving, or enjoying the islands, fishing, camping, swimming, kelping, and wildlife viewing. Be aware that the weather in the Channel Islands is in a continuous state of change. Monitor the National Weather Channel 1-900-YM (800) 787-8724. For current weather conditions, visit the weather page of the Channel Islands Boating Center or visit channelislandsnoaa.gov or www.waves.noaa.gov.
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#9462
Visitor Center Partnerships

Cabrillo High School Aquarium
Lompoc

Channel Islands National Park Visitor Center
Ventura Harbor

Aquarium of the Pacific
Long Beach

Channel Islands Boating Center
Channel Islands Harbor

Outdoors Santa Barbara Visitor Center - Santa Barbara Harbor

COAST - UCSB Campus

Santa Barbara Maritime Museum
Santa Barbara Harbor

Santa Barbara Museum of Natural History
Sea Center - Santa Barbara Stearns Wharf
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https://channelislands.noaa.gov/manage/plan/revision.html
Interpretive Signs - Background

2004
12 bilingual signs
Funding: American Trader Restoration Plan
Focus: seabird protection, minimize impacts from shore-based fishing activity

2005-2009
26 signs
Funding: ONMS California Signage Plan
Focus: sanctuary orientation, MPAs
Interpretive Signs - Background, continued

- **2012-2014:**
  - 12 bilingual signs
  - Funding: Torch Oil Spill Trustee Council, Santa Barbara County CREF Grant
  - Focus: Exploring tidepools with care, black abalone

- **2013:** Visitor survey of California sanctuary signs

- **2015:** Long Range Interpretive Plan for West Coast NMS

- **2019 & 2020:** Requested but did not receive ONMS funding for sign replacements (awaiting 2021 request results)

- **2020:** Signage inventory update and status report