

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

Olympic Coast National Marine Sanctuary (OCNMS)		
Activity	Description	Status
Port of Neah Bay Improvements	<p><b>OCNMS supported efforts by the Makah Tribe to replace a commercial fishing pier</b> in Port of Neah Bay</p> <ul style="list-style-type: none"> <li>In 2013, OCNMS wrote a support letter focusing on the economic necessity of the pier to the tribe, other commercial fishing interests, and oil spill response community, and the need to replace it.</li> <li>The project did not receive the requested funding, however reconstruction of the dock was completed with alternative funding.</li> <li>OCNMS has also supported other grant requests from Port of Neah Bay for improvements to the marina, and has supported stationing of an emergency rescue tug at Neah Bay to assist vessels as needed to help protect the marine environment.</li> </ul>	Dock completed
Marine Life Center of Port of Port Angeles	<p><b>OCNMS-Feiro Marine Life Center: City of Port Angeles: Port of Port Angeles Partnership</b></p> <ul style="list-style-type: none"> <li>A partnership among OCNMS, Feiro Marine Life Center, and the City of Port Angeles has been investigating the potential for a Port Angeles Marine Campus to promote the goals of each organization and to promote marine-based education, research and stewardship on the Port Angeles waterfront.</li> <li>The Port of Port Angeles has expressed their support for the project, is interested in partnering on environmental stewardship education, and will assist with providing economic data for facility planning. We are currently seeking Port economic development funding for a facility design that would provide economic development opportunities within the downtown Port Angeles area.</li> </ul>	Ongoing
Moorage Fees	<p><b>OCNMS contributes moorage fees.</b></p> <ul style="list-style-type: none"> <li>The Port of Port Angeles Boat Haven is the homeport of the R/V TATOOSH. OCNMS pays slip fees and utilities on the order of \$4,000/year, with a total expenditure of \$18,000 for 5 years of service.</li> <li>OCNMS conducts field operations out of the Quileute Harbor Marina from May through October each year. OCNMS pays slip fees and utilities on the order of \$500/year, with a total expenditure of \$2,000 for 5 years of service.</li> <li>OCNMS has discussed options for improving the pumpout capabilities of the Quileute marina with the Quileute Tribe.</li> </ul>	Ongoing
Whale Trail Signs	<p><b>OCNMS collaborated with the Whale Trail to install informational marine mammal signs in Port Angeles Harbor.</b></p> <ul style="list-style-type: none"> <li>In 2013, OCNMS worked with the Whale Trail to install a series of informational signs about marine mammals at various locations along the outer coast and Strait of Juan de Fuca, including one location in Port Angeles harbor.</li> <li>The signs describe marine mammals you can see from land (including harbors) with associated conservation messages to inspire appreciation and stewardship of whales and the ocean.</li> <li>OCNMS continues to support expansion of additional Whale Trail signs in Washington State, California, and British Columbia, which may include additional locations within ports.</li> </ul>	Completed, planning for additional sites

OCNMS helps coordinate Washington CoastSavers which is an alliance of partners who organize regular beach cleanups at areas adjacent to the harbor. (from Laverdure email 8/24/18)

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

Cordell Bank National Marine Sanctuary (CBNMS)		
Activity	Description	Status
Partnership Projects of Spud Point Marina, Bodega Harbor	<p><b>CBNMS Partnership with Spud Point Marina</b></p> <ul style="list-style-type: none"> <li>• Sanctuary signs installed at the harbor describe unique aspects of Cordell Bank and Greater Farallones national marine sanctuaries and how sanctuaries help protect these special areas.</li> <li>• CBNMS helped fund a separate enclosed bulletin board at the marina that displays NOAA and marina business information.</li> <li>• CBNMS staff members have a strong and positive working relationship with marina staff.</li> <li>• The sanctuary R/V FULMAR stays at Spud Point Marina at least three times a year during research and monitoring cruises, leading to fees paid for slip usage, fuel, and purchase of supplies.</li> </ul>	Ongoing since 2003
Bodega Bay Fishermen's Festival	<p><b>CBNMS and GFNMS staff participates in annual Bodega Bay Fishermen's Festival.</b></p> <ul style="list-style-type: none"> <li>• Since 2002 CBNMS and GFNMS (began in 2003) staff participate in annual Bodega Bay Fishermen's Festival: staff set up a booth with sanctuary information, including distribution of tide books containing education messages about the sanctuaries, and talk with fishermen about current events and issues affecting the local fishing community. Over 1000 people per year are contacted within the two-day event.</li> <li>• In 2014 and 2015 the Cordell Marine Sanctuary Foundation also assisted with this event.</li> </ul>	Ongoing (occurs every April)
Dock Use	<p><b>ONMS operates research vessels contributing to the local economy.</b></p> <ul style="list-style-type: none"> <li>• The R/V FULMAR routinely stages projects out of harbors at Bodega Bay, Sausalito, San Francisco, and Pillar Point.</li> <li>• These vessels are professionally crewed by 2-3 local residents who reside in areas adjacent to the sanctuaries.</li> </ul>	Ongoing
Advisory Council	<p><b>Harbors have representation on the CBNMS Advisory Council.</b></p> <ul style="list-style-type: none"> <li>• The supervisor of Spud Point Marina in Bodega Bay is a member of the CBNMS Advisory Council. CBNMS also has two maritime activities seats on the advisory council held by employees representing large shipping companies.</li> </ul>	Ongoing

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

Greater Farallones National Marine Sanctuary (GFNMS)		
Activity	Description	Status
Fishermen signage program at Pillar Point Harbor	<p><b>GFNMS partners with Pillar Point Harbor to create a series of maritime heritage signs for the harbor.</b></p> <ul style="list-style-type: none"> <li>• The series of signs includes profiles of the fisheries that originate from the harbor and profiles of the fishermen who catch the fish.</li> <li>• A local fisherman was a member of the planning and design team. Fishermen contributed funds towards the fabrication of the signs.</li> <li>• Seven signs have been installed at the main dock and the Half Moon Bay Chamber of Commerce features this interpretive dock walk.</li> </ul>	Fishermen signage program at Pillar Point Harbor
Regulatory signs at Pillar Point Harbor	<p><b>Installation of various signs at Pillar Point Harbor to inform boaters of MBNMS and state regulations.</b></p> <ul style="list-style-type: none"> <li>• In 2011 GFNMS installed signs at the harbor boat ramp, depicting the locations of MBNMS zones where motorized personal watercraft (i.e. jetskis) are allowed.</li> <li>• In 2014 another sign was installed at the boat ramp depicting locations of and regulations for the state implemented Special Closures and marine protected areas (MPAs) at Devil's Slide and Southeast Farallon Islands. The harbor built a roofed structure to hold the 2 signs.</li> <li>• GFNMS partnered with the Monterey Bay Sanctuary Foundation to place a sign kiosk at the boat ramp and another sign kiosk across from the harbormasters office. The kiosks inform boaters and harbor visitors of sanctuary regulations, the state implemented network of MPAs and how they can enjoy the harbor by boat or on foot.</li> <li>• A total of ten signs and a National Marine Sanctuary flag have been installed at Pillar Point Harbor..</li> <li>• The website of Pillar Point Harbor features their harbor as the Gateway to National Marine Sanctuaries.</li> </ul>	Ongoing
Partnership Projects of Spud Point Marina, Bodega Harbor	<p><b>GFNMS Partnership with Spud Point Marina</b></p> <ul style="list-style-type: none"> <li>• Sanctuary signs installed at harbor describe unique aspects of Greater Farallones and Cordell Bank national marine sanctuaries and how sanctuaries help protect these special areas.</li> </ul>	Ongoing
Bodega Bay Fishermen's Festival	<p><b>CBNMS and GFNMS staff participates in annual Bodega Bay Fishermen's Festival.</b></p> <ul style="list-style-type: none"> <li>• Since 2003 GFNMS and CBNMS staff participate in annual the Bay Fishermen's Festival: staff set up a booth with sanctuary information, including distribution of tide books containing education messages about the sanctuaries, and talk with fishermen about current events and issues affecting the local fishing community. Over 1000 people per year are contacted within the two-day event.</li> </ul>	Ongoing

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

Greater Farallones National Marine Sanctuary (GFNMS)		
Activity	Description	Status
Pillar Point Harbor Boat Lighting	<p><b>Annually lead a December kayak paddle to view the fishing boats lit up with holiday lights.</b></p> <ul style="list-style-type: none"> <li>GFNMS staff have participated in Pillar Point Harbor Boat Lighting activities since 2012 by leading a December kayak paddle to see the fishing boats lit up and to discuss maritime heritage.</li> </ul>	Ongoing
Excursions	<p><b>GFNMS leads wildlife tours that depart from Pillar Point Harbor</b></p> <ul style="list-style-type: none"> <li>In coordination with Pillar Point Harbor and businesses, GFNMS leads annual excursions, such as whale watching that also highlight fishing and maritime heritage.</li> </ul>	Ongoing
Dock Use	<p><b>ONMS operates research vessels contributing to the local economy.</b></p> <ul style="list-style-type: none"> <li>The R/V FULMAR routinely stages projects out of harbors at Bodega Bay, Sausalito, San Francisco, and Pillar Point.</li> <li>These vessels are professionally crewed by 4-5 local residents who reside in areas adjacent to the sanctuaries.</li> </ul>	Ongoing
Sediment management	<p><b>Collaboration with Pillar Point Harbor to produce potential sediment management measures.</b></p> <ul style="list-style-type: none"> <li>ONMS staff are collaborating with Pillar Point Harbor on the Santa Cruz Regional Sediment Management team to develop a range of sediment management measures that address harbor dredge needs, coastal erosion and sediment transport issues at Surfer's Beach and the San Mateo Coast.</li> </ul>	Ongoing since 2013
Advisory Council	<p><b>Harbors had representation on the GFNMS Advisory Council.</b></p> <ul style="list-style-type: none"> <li>Since the formation of the advisory council in 2001, GFNMS had a representative of the San Mateo Harbor District as a member representing Maritime Activities. The member retired in 2014.</li> </ul>	2001-2014

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

Monterey Bay National Marine Sanctuary (MBNMS)		
Activity	Description	Status
Signage at Monterey, Moss Landing and Santa Cruz harbors	<p><b>MBNMS partners with harbors adjacent to the sanctuary to create a series of signs displayed at the harbor.</b></p> <ul style="list-style-type: none"> <li>• MBNMS staff worked with the Monterey, Moss Landing and Santa Cruz harbors to design and install a series of signs about fishing and wildlife along the public trails adjacent to the harbors. A total of 15 signs have been installed at all three harbors.</li> <li>• In Monterey harbor, four regulatory and four interpretive signs of the sanctuary have been installed. Regulatory signs describe the motorized personal watercraft (i.e.jetski) zones and 10 tips for clean boating. The interpretive signs describe the abundant marine life in the sanctuary including harbor seals, otters, and seabirds.</li> <li>• In Santa Cruz harbor one regulatory sign describes the motorized personal watercraft zones and three interpretive installations are displayed. The interpretive installations are part of the Sanctuary Scenic Trail. The Scenic Trail is planned to be a 50 mile network of bicycle and pedestrian trails along the Monterey Bay that aims to serve transportation and recreation of walkers, joggers, bicyclists, families and people with mobility impairment. MBNMS contributed the interpretative elements of the sign, with the harbor contributing funds for construction and installation.</li> <li>• In Moss Landing, one sign depicts the motorized personal watercraft zones within MBNMS and two signs direct boaters to the pump-out stations, which provide guidance to boaters on best practices for disposing of oily bilge.</li> </ul>	Permanent displays; installations have occurred at different times over the past five years
Vessel home port	<p><b>ONMS operates research vessels contributing to the local economy.</b></p> <ul style="list-style-type: none"> <li>• Monterey Harbor is home port to the ONMS vessels R/V FULMAR and R4107.</li> <li>• The R/V FULMAR is shared by MBNMS, GFNMS, and CBNMS. Therefore the vessel routinely stages projects out of Bodega Bay, Sausalito, San Francisco, Half Moon Bay, Santa Cruz, Morro Bay, and Ventura harbors, in addition to its home port of Monterey. Expenditures at local marinas and business for yard work, repairs, supplies, fuel and away-from-home slip fees average \$150,000 to \$200,000 per year.</li> <li>• These vessels are professionally crewed by 2-3 local residents who reside in areas adjacent to the sanctuaries.</li> </ul>	Ongoing
Construction and installation of pump-out facilities	<p><b>MBNMS facilitates the construction and installation of pump-out facilities in harbors and marinas adjacent to the sanctuary.</b></p> <ul style="list-style-type: none"> <li>• MBNMS is committed to improving water quality of the sanctuary through regulatory prohibitions on sewage discharges from vessels and land-based sources. To facilitate compliance with these regulations MBNMS has dedicated significant resources (funding and staff time) towards installation of pump-out stations and outreach strategies for water quality improvement.</li> <li>• MBNMS collaborated with Monterey, Moss Landing and Santa Cruz harbors and key partners Ecology Action and Save Our Shores, to secure a grant from the CA Integrated Waste Management Board to install bilge and crankcase oil pump-out stations for boaters to dispose of oily bilge.</li> <li>• Staff also led a successful outreach campaign to educate the boating community by designing, constructing and installing signs that provide 10 tips for Clean Boating.</li> </ul>	Permanent facilities and displays

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

Monterey Bay National Marine Sanctuary (MBNMS) – continued		
Activity	Description	Status
Removal of invasive, <i>Undaria</i> , from Monterey harbor	<p><b>MBNMS partners with various harbors and marinas along the central coast to remove an invasive algal species.</b></p> <ul style="list-style-type: none"> <li>From 2003 to 2009, MBNMS staff have led and collaborated on a project to monitor and remove the non-native kelp <i>Undaria pinnatifida</i> from Monterey Harbor, Pillar Point Harbor, and San Francisco Marina. By the end of 2009, over 11,000 algal stipes have been removed from Monterey Harbor.</li> <li>While <i>Undaria</i> has recruited throughout the harbor, there is no evidence, to date, that it has spread outside of the harbor into sanctuary habitats.</li> <li>At the invitations of other harbors and marinas, MBNMS has discussed the removal effort, conducted trainings, and otherwise collaborated with harbormasters in Santa Barbara and San Francisco.</li> </ul>	Ongoing
Monitoring the invasive bryozoan <i>Watersipora</i>	<p><b>MBNMS partners with Monterey Harbor staff to track the spread of an invasive bryozoan, <i>Watersipora subtorquata</i>, and to assess its potential ecological impact on fouling communities.</b></p> <ul style="list-style-type: none"> <li>Since 2010, MBNMS divers have been monitoring the spread and ecological impact of <i>Watersipora</i>, an invasive bryozoan, using fixed photo quadrats taken at monthly intervals.</li> <li>Staff have collaborated with college students to complete research theses examining the ecological impact of <i>Watersipora</i> on other fouling species and how native crabs may destroy <i>Watersipora</i> bryoliths.</li> </ul>	Ongoing
Whale Fest	<p><b>MBNMS promotes whale watching at Whale Fest.</b></p> <ul style="list-style-type: none"> <li>MBNMS and the West Coast Regional Office collaborate closely with the Monterey Wharf Association to support its annual ‘Whale Fest’ and to promote whale watching in the sanctuary.</li> <li>ONMS leadership and staff have participated in the Whale Fest lecture series and hosted an informational booth at the event to educate festival participants about the sanctuary.</li> <li>In the past MBNMS co-authored a proposal sent to the Governor of California requesting the Governor proclaim Monterey Bay ‘Whale Watching Capital of the World.’</li> </ul>	Annual event in January since 2009
Weather/ Informational Kiosk	<p><b>Touch screen kiosks installed at the Monterey Harbor office to inform boaters of weather and the sanctuary.</b></p> <ul style="list-style-type: none"> <li>An informational touch-screen kiosk was installed in 2005, educating the harbor community and visitors about the weather, the sanctuary, and other pertinent information to boaters.</li> <li>Additional kiosks are being designed to be installed at the Monterey Harbor and Santa Cruz Wharf.</li> </ul>	Permanent display
Sanctuary events at Santa Cruz Wharf	<p><b>MBNMS collaborates and participates in celebrations at Santa Cruz Harbor and Wharf.</b></p> <ul style="list-style-type: none"> <li>MBNMS hosted a sanctuary booth with educational activities at the annual ‘Shark Festival and Sanctuary Celebration’ at the Santa Cruz Wharf.</li> <li>Local businesses and the harbor are main collaborators of the wharf celebrations.</li> <li>In 2014, MBNMS helped to celebrate the harbor’s 50<sup>th</sup> anniversary and the wharf’s 100 year celebration. The latter has been named the ‘Monterey Bay Sanctuary Celebration.’</li> </ul>	2005-2010; 2014
Wharf/harbor dive clean ups	<p><b>MBNMS participated in clean up the Monterey wharf.</b></p> <ul style="list-style-type: none"> <li>MBNMS participated in annual clean up dives of the Monterey Wharf, led by the harbor from 2004 to 2006.</li> </ul>	2004-06

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

	<ul style="list-style-type: none"> <li>This is now ‘Dive into Earth Day’ and occurs annually on April 22<sup>nd</sup>.</li> </ul>	
<b>Monterey Bay National Marine Sanctuary (MBNMS) – continued</b>		
Activity	Description	Status
Fishermen’s Festivals	<p><b>MBNMS co-hosted the Fishermen’s Festival with Monterey Harbor.</b></p> <ul style="list-style-type: none"> <li>MBNMS co-hosted with the Monterey Harbor two fishermen’s festivals, by helping to coordinate and plan the event.</li> <li>Festivities included fishing boat tours; an open house with local fishermen; fishing and ocean exhibits; fresh Monterey Bay seafood with celebrity chefs; special hands-on children’s activities (arts and crafts, treasure hunt, fishing demonstrations); abalone farm tours; and tours of the fishing history and activities at the Maritime Museum.</li> </ul>	Conducted in 2004/05
Sanctuary Classic	<p><b>Harbors and MBNMS collaborate to promote the annual ‘Sanctuary Classic’ (<a href="http://www.sanctuaryclassic.org">www.sanctuaryclassic.org</a>)</b></p> <ul style="list-style-type: none"> <li>The Sanctuary Classic is a recreational fishing and photography tournament that began in 2012. Thousands of recreational fishermen participate in this event from across the country, including the central coast of California.</li> <li>MBNMS and harbors are increasing public participation and consumer spending for the event by advertising with local constituents through social media, press releases, posting of large colorful banners at each harbor, and handing out brochures to the public.</li> </ul>	Ongoing
Permitting of harbor dredge disposal	<p><b>MBMNS facilitates disposal of dredge materials from harbors adjacent to the sanctuary.</b></p> <ul style="list-style-type: none"> <li>MBNMS has permitted and approved the disposal of dredged material from Santa Cruz, Moss Landing, and Monterey Harbors into the sanctuary.</li> <li>During the Sanctuary Management Plan Review Process of 2002, MBNMS convened a group of diverse stakeholders with opposing viewpoints to tackle in a collaborative, consensus-based process a myriad of contentious harbor and dredge disposal issues. Although routinely challenging, MBNMS staff were able to complete an action plan for dredge disposal and harbors as part of the new Management Plan that was met with unanimous agreement from participants, including harbors, environmental organizations, other state and federal agencies. This guiding action plan is continually used and referred to today by MBNMS staff and partners.</li> <li>Also during the Management Plan Review Process, MBNMS staff collaborated with harbors and partner federal agencies to ensure that historic dredge disposal sites in Monterey and Santa Cruz were effectively and clearly codified as ‘approved sites’. Disposal sites at Moss Landing had already been codified at the time of the sanctuary designation in 1992.</li> <li>MBNMS staff coordinate with state, federal, and local regulatory agencies on an annual basis to streamline permitting and approvals of dredged disposal within the sanctuary. Using a rough estimate, approximately 7,000,000 cubic yards of material have been discharged since sanctuary designation, and a negligible amount (less than 2%) of proposed material was denied for discharge (by all agencies) due to contamination levels, unsuitable grain size, or other environmental issues like turbidity or potential smothering of sensitive resources.</li> </ul>	Ongoing

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

Monterey Bay National Marine Sanctuary (MBNMS) – continued		
Activity	Description	Status
Marinas and Boating Action Plan	<p><b>MBNMS uses education and training programs outlined in the Marinas and Boating Action Plan to reduce harbor-generated pollution.</b></p> <ul style="list-style-type: none"> <li>• MBNMS developed in 1997 with harbor masters, resource agencies and the boating community activities to reduce pollution from boating and harbor activities (e.g., solid waste and debris, oil and gas from motor operations).</li> <li>• Successful education and outreach programs (brochures, signs with maps, and presentations at yacht clubs) communicate to boaters the environmental and economic impact of polluting activities.</li> <li>• Collaborative efforts with the non-profit Save Our Shores (SOS) and the CA Integrated Waste Management Board are providing oil-absorbent pads to boaters for clean-up of small spills through the Dock Walkers program of SOS, as well as brochures and maps of local harbors with locations of pump-out facilities and clean boating tips.</li> </ul>	Ongoing
Advisory Council membership	<p><b>Harbors have representation on the MBNMS Advisory Council.</b></p> <ul style="list-style-type: none"> <li>• Since the formation of the advisory council in 1994, MBNMS has had a representative of the four harbors on the advisory council, including Monterey, Santa Cruz, Moss Landing and Pillar Point.</li> </ul>	Ongoing



Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

Channel Islands National Marine Sanctuary (CINMS)		
Activity	Description	Status
Sanctuary Classic	<p><b>CINMS has been a strong supporter and active partner of the ‘Sanctuary Classic’ (<a href="http://www.sanctuaryclassic.org">www.sanctuaryclassic.org</a>).</b></p> <ul style="list-style-type: none"> <li>• The Sanctuary Classic is a recreational fishing and photography tournament that began in 2012. Thousands of recreational fishermen participate in this event from across the country, including the southern coast of California.</li> <li>• A kick-off location for this tournament has been Sea Landing at Santa Barbara Harbor.</li> <li>• CINMS efforts to support and promote the tournament have helped draw people to go sportfishing, including from charter vessels at local harbors.</li> <li>• CINMS expects to participate again if/when the tournament runs again in 2017.</li> </ul>	Ongoing; awaiting confirmation of tournament in 2017
Channel Islands Boating Center	<p><b>CINMS and ONMS collaborated to produce state of the art exhibits for the Channel Islands Boating Center.</b></p> <ul style="list-style-type: none"> <li>• CINMS and ONMS worked closely with the Ventura County Harbor Department for seven years to help complete the 15,000 square foot Channel Islands Boating Center, which was opened in 2013 in Oxnard, CA.</li> <li>• ONMS contributed nearly \$900,000 in funds plus immeasurable staff time to design and fabricate extensive exhibit panels, interactive features, touch screen kiosks, and a spherical display within the center that highlight sanctuaries, boating and CINMS.</li> <li>• The new center advances the harbor’s revitalization plans, and bolsters the sanctuary/harbor partnership.</li> <li>• CINMS maintains an office and part time staffing presence at the Channel Islands Boating Center.</li> <li>• CINMS staff retain membership on the Board of the Channel Islands Harbor Foundation, which, among other pursuits, assists with funding and support for programs within the Channel Islands Boating Center.</li> </ul>	Completed in 2013/ongoing
Santa Barbara Harbor Cleanup	<p><b>CINMS staff, volunteers, and advisory council members participate in Operation Clean Sweep.</b></p> <ul style="list-style-type: none"> <li>• Over the past several years, CINMS staff, volunteers and advisory council members have participated in Operation Clean Sweep at Santa Barbara Harbor. This event brings together divers and dockside volunteers each year to help clean up debris from the harbor seafloor; approximately 15.7 tons have been removed over eight events through 2014.</li> </ul>	Ongoing; annual event
Harbor signs	<p><b>CINMS installs various signs at the Santa Barbara and Channel Islands Harbors to inform boaters.</b></p> <ul style="list-style-type: none"> <li>• CINMS designed and led the implementation of commercial fishing signs that have been installed at Channel Islands Harbor next to the commercial fishing loading pier at Marine Emporium Landing. The signs promote awareness of the importance of commercial fishing to our local economy.</li> <li>• CINMS also designed and coordinated the initial installation of Channel Islands marine protected area (MPA) signs at all three local harbors: Santa Barbara, Ventura, and Channel Islands. In 2012 and 2015, CINMS also updated these signs by incorporating information for the network of MPAs along the mainland coast.</li> <li>• Since the mid-1990s, CINMS has funded the design and construction of twelve signs, at an average cost of \$3,000 each, for the harbors and marinas adjacent to the sanctuary.</li> </ul>	Completed in 2012 and 2015; permanent displays
Santa Barbara Seafood Festival	<p><b>CINMS staff, volunteers, and advisory council members participate at the Santa Barbara Seafood Festival.</b></p> <ul style="list-style-type: none"> <li>• Each year since 2002, the CINMS ‘community’ helps local fishermen with this Festival by working alongside local commercial fishermen to help prepare and serve their locally caught lobster, crab and fish.</li> </ul>	Ongoing

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
(completed, ongoing and planned)

<b>Channel Islands National Marine Sanctuary (CINMS) – continued</b>		
Activity	Description	Status
Weather/ Informational Kiosks	<p><b>Touch screen kiosks installed at harbors providing weather data to boaters and fishermen.</b></p> <ul style="list-style-type: none"> <li>• CINMS/ONMS touch screen kiosks are installed at Santa Barbara, Ventura and Channel Islands Harbors, and provide up to date online weather information for boaters and fishermen to check conditions before they head out to the Channel Islands.</li> <li>• These kiosks were originally developed with input and appreciation from the fishing community.</li> <li>• The weather kiosks have become part of the ONMS kiosk program, with nine now installed at different locations within Santa Barbara and Ventura counties.</li> <li>• The newest weather kiosks in the CINMS area are at the Channel Islands Boating Center.</li> </ul>	Permanent installation
Vessel home port and office spaces	<p><b>CINMS collaborates on improving harbor infrastructure and contributes harbor fees.</b></p> <ul style="list-style-type: none"> <li>• Santa Barbara Harbor is home port to the CINMS vessels R/V SHEARWATER and SHARK CAT). In 2009 via a cooperative agreement grant to the National Marine Sanctuary Foundation, ONMS provided Santa Barbara Harbor with \$100,000 for construction of a new end-tie slip that accommodates the R/V SHEARWATER, included slip fees through 2014, and provides the harbor room for another wide-berth vessel.</li> <li>• Since 2003 (arrival of the R/V SHEARWATER), CINMS has paid Santa Barbara Harbor nearly \$230,000 for slip fees for several vessels (R/V SHEARWATER, SHARK CAT and previously used XANTU). Ongoing slip fees/utilities for two vessels are approximately \$20,000/year.</li> <li>• Since 2003 CINMS has on an annual basis spent \$40,000 to \$150,000 at local boatyards for maintenance and repair work for the R/V SHEARWATER, and is a regular customer at local marine supply shops.</li> <li>• Santa Barbara Harbor was also home to the CINMS main headquarters office for nearly 20 years. Even after outgrowing this space and moving CINMS headquarters to UC Santa Barbara, CINMS continues to rent office space for storage and part time staffing to maintain direct connection with harbor constituents.</li> </ul>	Ongoing
Santa Barbara Maritime Museum	<p><b>CINMS collaborates with the Santa Barbara Maritime Museum at the Santa Barbara Harbor and the Channel Islands Maritime Museum at Channel Islands Harbor.</b></p> <ul style="list-style-type: none"> <li>• The Santa Barbara Maritime Museum is a very important visitor draw to the Santa Barbara Harbor.               <ul style="list-style-type: none"> <li>○ CINMS has invested significant resources (staff time, expertise, funding) to help the Santa Barbara Maritime Museum continue to be a main attraction at the harbor, including a number of exhibits, design of, and information for the Museum’s Outdoors Santa Barbara Visitor Center, and special events programming.</li> <li>○ CINMS also commits significant staff time serving on the Museum’s board.</li> </ul> </li> <li>• The Channel Islands Maritime Museum is a very important visitor draw to the Channel Islands Harbor.</li> <li>• Sanctuary staff work with Museum leadership to assist with lecture planning, jointly pursue NOAA funding for capital improvement projects, and assist with special maritime events.</li> </ul>	Ongoing
Marina Fest	<p><b>CINMS staff and volunteers participate at the Marina Fest.</b></p> <ul style="list-style-type: none"> <li>• CINMS staff help with planning of this annual community event held at Channel Islands Harbor, showcasing boating, local restaurants, and related environmental causes. CINMS volunteers greet visitors at a sanctuary outreach booth.</li> </ul>	Ongoing

Collaborations with ***Harbors*** and West Coast National Marine Sanctuaries  
 (completed, ongoing and planned)

<b>Channel Islands National Marine Sanctuary (CINMS) – continued</b>		
<b>Activity</b>	<b>Description</b>	<b>Status</b>
Advisory Council membership	<b>Harbor representation on the CINMS Advisory Council.</b> <ul style="list-style-type: none"> <li>• Since the formation of the advisory council in 1998, CINMS has had a representative on the council from the Channel Islands Harbor.</li> </ul>	Ongoing