

OLYMPIC COAST NATIONAL MARINE SANCTUARY

Olympic Coast National Marine
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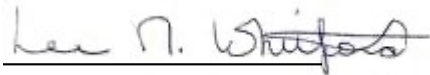
**OCNMS Advisory Council and the Intergovernmental Policy Council
Virtual meeting**

**Friday, November 6, 2020
Meeting Notes**

Reviewed by OCNMS Superintendent:



Carol Bernthal, Superintendent



Lee Whitford, Chair

Advisory Council (AC) Members/Alternates and Intergovernmental Policy Council (IPC) Members in Attendance: Lee Whitford (AC Chair, Education), Ed Johnstone (IPC Chair, Quinault Indian Nation), Joe Schumacker (Quinault Indian Nation), Julie Ann Koehlinger (Hoh Tribe), Jennifer Hagen (Quileute Tribe), Steve Joner (Makah Tribe), Dan Ayres (WA Dept. of Fish and Wildlife), Steven Fradkin (Olympic National Park), Kevin Decker and Steve Shively (Tourism and Economic Development), Casey Dennehy (WA Dept. of Ecology), Scott Hecht (NOAA Fisheries), Joel Kawahara (Fishing), Jan Newton and Tom Mumford (Research), John Veentjer (Secretary) and Dan Nutt (Maritime Industry), Rich Osborne (Conservation), Mark Ozias (Clallam County), Josh Peters (Washington Dept. of Natural Resources), David Sullivan (Jefferson County), LCDR Keola Valasco (US Coast Guard), Mike Doherty and Jim Vail (Citizen at Large), Tami Pokorny (North Pacific Coast Marine Resource Committee), Cindi Kunz (US Navy), and Tommy Moore (Northwest Indian Fish Commission).

Presenters and Others in Attendance: Erin Arneson, Jennifer Hennessey (WA State Governor's Office), Roy Morris (citizen), Corey Niles (WA Dept. of Fish and Wildlife)

NOAA/OCNMS Staff in Attendance: John Armor (Office of National Marine Sanctuaries), Andrew Torres and Greg Busch (NOAA Fisheries, Office of Law Enforcement), Jennifer Clinchy (NOAA Office of General Counsel), Eric Robert (Papahānaumokuākea Marine National Monument), Zac Cannizzo (ONMS & NOAA Climate Program Office), Carol Bernthal, Nicole Harris, Katie Wrubel, Jenny Weddell, George Galasso, Jacqueline Laverdure, Cheyenne Palmo, Holly Keedy, and Chris Butler-Minor (Olympic Coast National Marine Sanctuary).

The meeting was opened by Lee Whitford, Olympic Coast National Marine Sanctuary (OCNMS) Advisory Council (AC) Chair, with a reading of Robert Sund's poem "Running into the Sea." Ed Johnstone, Intergovernmental Policy Council (IPC) Chair, provided opening remarks on the origin of IPC which was formed as an agreement among Coast Treaty Tribes, state of Washington, and OCNMS to facilitate communication and exchange of information and policy recommendations relative to managing marine resources and activities within sanctuary boundaries. Mr. Johnstone noted that now we are at a better place, thanks to the hard work of so many people over the years. The IPC members have benefited from advances in science, allowing better understandings of harmful algae blooms, ocean acidification, hypoxia, and other issues which in turn has strengthened opportunities for preservation and mitigation management efforts.

Internal Affairs

- The amended draft agenda was adopted by consensus after a motion by Mike Doherty and second by Dan Ayres. <https://olympiccoast.noaa.gov/media/docs/20200925-sac-agenda-final.pdf>
- Meeting notes from the September meeting were approved with a motion by Mark Ozias and second by Mike Doherty. <https://olympiccoast.noaa.gov/media/docs/20200722-sac-final-notes.pdf>

Information, Discussion, and Action Items

Office of National Marine Sanctuaries Director Report to IPC & OCNMS advisory council on 2021 Key Priorities and 50th Anniversary planning

Office of National Marine Sanctuaries (ONMS) director, John Armor, began by acknowledging the sovereign status of the four coastal tribes and the IPC and thanking them for being great hosts for the sanctuary and participants in the meeting. He expressed appreciation for the opportunity to meet with the IPC and individual tribal representatives despite a less than ideal venue. John also acknowledged that this has been year with many challenges including the global pandemic, hurricanes, and wildfires all of which have required adaptability and creativity.

In programmatic updates he noted that these are exciting time with the designation of Malloys Bay - Potomac River National Marine Sanctuary, the first new sanctuary in 20 years and work on two more designations in Wisconsin on Lake Michigan and in upstate New York's Lake Ontario. In addition, work is being done on three sanctuary expansions: Monitor NMS Sanctuary off coastal North Carolina; Flower Garden Banks NMS in the north-western Gulf of Mexico, and Florida Keys NMS. Several sites are updating Condition Reports or Management Plans and the small boat program is recapitalizing its fleet – including the new vessel for OCNMS. This will facilitate important research in OCNMS on ocean acidification.

ONMS will celebrate its 50th Anniversary in October 2022, providing opportunities to review the management paradigm and philosophy to ensure sanctuaries are adapting and also addressing our efforts related to the ecosystems, cultural resources, and maritime heritage that we're charged with protecting so that they remain enduring, accessible, and relevant to our partners and communities. It's an opportunity to look forward at climate change needs and look hard at our relationship with tribal and indigenous peoples, not just in the Pacific Northwest, but around the sanctuary system. Goals associated with this 50th anniversary milestone include being effective at increasing visibility, providing credible science that informs management decisions, and learning how to involve our sites and partners in this work and celebration.

Updates on Shared Priorities

Jenny Waddell, OCNMS Research Coordinator, reflected on the seasonal mooring array which in place for over 20 years. In 2020, staff were able to deploy an array of 10 moorings during August and then deploy acoustic moorings via the R/V *Rachel Carson*. She thanked the Quileute Tribe for access to the La Push Marina. Jenny noted two proposals of interest through Northwest Association of Networked Ocean Observing Systems (NANOOS); one which would allow transformation of the arrays to provide near real-time data transmission and the other would build on the ocean observation efforts to monitor sound along the West Coast sanctuaries and provide a more coordinated network.

Katie Wrubel, OCNMS Resource Protection Specialist provided a brief review of the Ocean Acidification Sentinel Site (OASes) working group's efforts. At the first steering committee meeting in September, the terms of reference were approved. Recently three co-chairs were selected: Micah Horwitz with the Washington State Department of Ecology (DOE) and alternate DOE representative on the AC; Tommy Moore with Northwest Indian Fisheries Commission; and Russell Callender, director of Washington Sea Grant. This is an Advisory Council working group so a charter will be adopted at the next steering committee meeting in January.

Casey Dennehy, DOE, spoke about Washington Marine Spatial Planning (MSP) data prioritization and ocean habitat modeling efforts related to understanding what type of data are needed relative to new ocean uses such as offshore wind energy development or aquaculture. High priority data needs include physical drivers, seafloor habitat, ecological components, species presence, existing human uses, and historical/cultural

resources each with varying frequencies in data updates. Climate change and ocean acidification are going to be major themes moving forward. New ocean uses developed near sensitive habitat and indirect impacts to human well-being were also noted as concerns. DOE is utilizing qualitative network modeling to simplify understanding system dynamics and describe qualitative relationships between system variables. Future steps include data prioritization with a white paper summarizing the results and development of final ocean habitat models expected in the March to April timeframe.

IPC Priorities, Updates and Areas of Interest

Ed Johnstone spoke about the IPC charter and role, which emphasizes relationships between Coastal Treaty Tribes, Washington state, and OCNMS. Science efforts have been beneficial in informing tribal leaders on policy decisions related to coastal tribes' priorities. Tommy Moore confirmed IPC support for ocean monitoring and the mooring program along with continued work on the habitat framework and linkages to species. Common interests include the OASes designation, mapping and research cruises, and replacement of the R/V *Tatoosh*. Science panel annual review, research cruise opportunities, student access to educational opportunities via OCNMS and SeaGrant coast wide are high priorities and value. Joe Schumacker reiterated the value of mapping canyons with Nautilus this year as a great collaborative effort. Marine heat waves and hypoxia signals can be seen in the data and in physical evidence on shorelines. There is a nexus between the habitat framework and state modeling as habitat and species interactions serve as qualitative drivers in the models.

AC Priorities, Updates and Areas of Interest

Lee Whitford described the purpose of the AC as to advise and provide recommendations, act as liaisons with local and international communities on emerging issues such as research priorities and strategies to include in the management plan. George Galasso, Deputy Superintendent for OCNMS, spoke briefly on 2021 priorities such as preparing for the management plan review. The 2017 internal review showed that many of priorities from 2011 are still valid. There is an effort to better integrate climate assessment between the condition report leading up to the management plan. He reviewed 2021 sanctuary and regional priorities: OA, climate change, vessel operations, tribal engagement, acoustic monitoring and management, and the Blue Economy. Other important activities noted were core operations, resource protection, research, monitoring, education, outreach and community engagement, and maritime heritage activities.

OCNMS Climate Profile and Planning

Katie Wrubel and Zac Cannizzo provided a briefing on climate change efforts including better integration into the management plan and the creation of a climate profile for OCNMS. The planning cycle is an iterative process using information from the condition report and regional vulnerability assessments. Over the next year an Advisory Council working group will be established and tasked with informing the management plan review process in regards to vulnerabilities to prioritize as well as identify and fill data gaps with targets as there is a lot of new science since 2013. Similar efforts are occurring at the other west coast sanctuaries and finding incorporated into a 5-year planning document. Zac introduced the newly developed climate change impact profile and initiative and the process used which included an extensive literature review as a basis for the OCNMS profile. The process identified that ocean acidification and rising sea surface temperatures along with their effects on the coast line and changes to upwelling are priorities to address as they have important cultural, economic and ecological direct and indirect impacts.

Potential Areas of Common Interest and Communication between IPC and AC:

Tommy Moore, IPC and Chris Butler-Minor, OCNMS, facilitated the group discussion on priorities of mutual interest between the IPC and SAC. Items identified included the continuation of habitat framework work; support for the mooring program, OASeS, and replacement of the R/V *Tatoosh*, plus education and outreach especially to engage youth. Mutual support for the IPC and AC are very important and create opportunities to work together and communicate on topics of mutual interest. Various members shared their appreciation and need for sharing information/research efforts to develop common areas of interest and support each other, creating visibility locally and regionally and facilitate funding and support.

The meeting was closed with a poem by Lee Whitford “friends.”

Future Agenda Topics

Members are encouraged to contact AC Chair and/or Coordinator with suggestions for topics of interest to the council. Items noted include:

- Condition Report progress
- Acoustic monitoring in OCNMS
- Status of National Science Foundation Cascadia plate seismic survey
- 2021 AC Workplan

Location of Next Meetings

<https://olympiccoast.noaa.gov/involved/sac/meetings.html>

Friday, January 22, 2021

Location is virtually via GoToWebinar™

Registration URL: <https://attendee.gotowebinar.com/register/8683853083133136907>