

CHANNEL ISLANDS NATIONAL MARINE SANCTUARY

*Sanctuary Advisory Council Meeting*

**DRAFT Key Meeting Outcomes**

**January 23, 2015**

**Chase Palm Park Center, Santa Barbara, CA**

*Note: After council approval, this document will be posted online at <http://channelislands.noaa.gov/sac/minutes.html>. Audio recordings of this and other Council meetings are available upon request to [michael.murray@noaa.gov](mailto:michael.murray@noaa.gov).*

**Attendance:** At peak, eighteen of the council's twenty-one voting seats were present (see attached attendance roster). Three seats were absent for the day: Public at Large #2, NOAA Fisheries, and the California Department of Fish and Wildlife. Public attendance varied throughout the day, averaging five people.

**Administrative Business and Announcements:**

Danielle Tarr introduced herself and is now the new Sanctuary Advisory Council (SAC) member for Ventura County. The draft key outcomes from the November 21, 2014 meeting were unanimously approved as final.

**Superintendent's Report**

CINMS Superintendent Chris Mobley welcomed Danielle Tarr and introduced Julia Leo, a Presidential Management Fellow at the Bureau of Safety and Environmental Enforcement who will be doing a 4-month detail assigned at CINMS. Chris announced that staff at CINMS, Gulf of the Farallones National Marine Sanctuary (GFNMS), Cordell Bank National Marine Sanctuary (CBNMS), NOAA Fisheries (including SAC member Elizabeth Petras) and NOAA General Counsel were recently awarded a Department of Commerce Gold Medal for teamwork to move the placement of Santa Barbara Channel and San Francisco Bay shipping lanes to help protect endangered whales. The award is the highest honor given by the Department of Commerce. The SAC was acknowledged for their role, as well as the Channel Islands Naturalist Corps for years of whale sightings data collection. Chris also shared news that NOAA Corps officer Lyndsey Davis has left CINMS and is now stationed in South Carolina. She has been replaced by LTJG Elizabeth Mackie. Chris reported that 19 educators will be teaching MERITO Academy program curriculum to over 500 students over the next year, and that a new group of Channel Islands Naturalist Corps volunteers is being trained at the moment. He said the boundary expansion for CBNMS and GFNMS is moving towards the final rulemaking process, but they must first revise some of the text in the final rulemaking language.

**Member Announcements**

A number of Council members shared announcements (unrelated to meeting agenda items). Audio recordings are available upon request.

**Identification of 2015 Council Work Topics**

CINMS staff distributed suggested council work topics that were based on topics from previous years or from staff suggestions. Mike Murray described the topic selection process and explained each suggestion and staff reasoning for suggesting each topic. Council members were then invited to suggest additional work topics or recommend changes.

Capt. David Bacon suggested adding seafloor mining for precious metals and possibly hearing from BOEM about this. Donna Schroeder said BOEM has not received any applications for projects that they would have authority over. Donna also pointed out that CINMS would have authority to a degree in sanctuary waters. Also, she said there are no foreseeable projects that would be near the sanctuary at this time. Bruce Steele said that at the 10-year period there should have been a review of the Channel Islands marine protected areas (MPAs). He would like to go back to the SAC Marine Reserves Working Group members to ask them about their former

---

participation and intent, and where they are now. Robert Warner said he would be happy to share some of the science updates related to marine reserves observations. Phyllis Grifman said she thinks it would be important to survey stakeholders involved, and to follow up with an economic survey among stakeholders.

Michael Cohen suggested doing regular check-ins between the Marketing Subcommittee and CINMS staff involved in marketing/outreach. He suggested exploring new social media platforms other than just Facebook and Twitter to reach new markets. He said he would like Visit Santa Barbara (VSB) staff to come to a SAC meeting to review sanctuary use of the VSB website and make suggestions for improvements. Phyllis Grifman suggested creating a plan to establish best practices for social media outreach to create more visibility. Phyllis also suggested creating better working relationships with the Chumash community to improve social science at CINP/CINMS. Luhui Isha Waiya suggested the SAC could review a Tribal MPA education kit that is being developed, including a map, DVD, and booklet. She also suggested SAC members/agencies learn about Chumash community work with inter-tribal youth, and ways to strengthen this programming and process. Cliff Rodrigues suggested expanding on this and including minority/underserved youth communities. Russell Galipeau suggested focusing on effects of light pollution.

All of the council member suggestions were add to the list of possibilities, and Mike Murray asked all council members to submit individual priority ranking sheets to CINMS staff so staff could compile and rank 2015 SAC priorities. He suggested everyone try to rank about 1/3 of the topics “high”, 1/3 “medium”, and 1/3 “low”.

#### **Public Comment - Morning**

There was no public comment provided at this time, however, council member Amanda Allen suggested thinking of ways to encourage youth groups to come to SAC meetings for learning opportunities and engagement with the SAC. Kip Louttit suggested the SAC consider thinking of a way to celebrate and possibly participate in the National Park Service’s upcoming 100<sup>th</sup> birthday.

#### **Guest Speaker: Bridget Hoover on sanctuary involvement with desalination projects along California's central coast.**

Bridget Hoover, Water Quality Protection Program Director from NOAA’s Monterey Bay National Marine Sanctuary (MBNMS), provided a presentation on sanctuary involvement with a variety of desalination projects and proposals along the central coast, offering insight on associated marine environmental issues. MBNMS desalination concerns include entrainment and impingement to marine organisms, discharge of brine, and seafloor disturbance. Prohibitions include discharging and depositing any material within Sanctuary boundaries (outside if it would impact the Sanctuary), and alteration of the seabed. MBNMS has developed a desalination action plan to reduce impacts and conducted a desalination feasibility study (2006) as well as desalination guidelines. Bridget discussed projects including Santa Cruz Soquel Creek (SCWD2) Deep Water, and CalAm Slant Well. MBNMS works with local, state, and federal agencies on this topic. Public comments on the Ocean Plan Amendment were due 8/19/2014, and the amendment might go to SWRCB in May 2015. Considerations include surface water intakes (reducing intake flow volume and flow velocity, installing intake screens), sub-surface intakes, and how to regulate brine discharges. Bridgett fielded a variety of technical and policy questions about the topic.

#### **Ocean Acidification**

Julie Bursek from CINMS discussed 2014 ocean acidification (OA) research projects at CINMS. Julie explained that one project will assess environmental variability among natural populations of planktonic calcifiers, and investigate deep sea corals through ROV operations. In 2015, a study will investigate the persistence of the coral *Lophelia pertusa* under acidified conditions, and continuing work will assess environmental variability among natural populations of planktonic calcifiers. CINMS is also working on linking research work with education and outreach efforts, such as a taxonomic field guide and compiling imagery from deep sea coral cruises.

---

Bruce Steele commented that he is working to come up with a list of OA topics for a webinar series to be hosted by C-CAN (California Coastal Acidification Network). He also said that more fishermen are becoming interested and involved in OA issues.

### **Shipping and Whales**

Sean Herron reported that the first meeting of the SAC Marine Shipping Working Group will be on February 25 in Santa Barbara (venue is still to be determined). The working group will be professionally facilitated by Kearns & West. Sean displayed a slide showing all the working group participants and advisors, which includes six SAC members/alternates. Mike Murray explained that the SAC charter requires that a chair or co-chair of a working group must be a SAC member or alternate. Mike said that members have suggested Kristi Birney and Phyllis as nominees.

Kristi Birney suggested Phyllis Grifman as a co-chair. Chris Mobley said that Phyllis' experience as the SAC's vice chair and her professional experience would make her a good choice. Phyllis said she would be happy to co-chair with Kristi. **Michael Cohen made a motion to nominate Kristi Birney and Phyllis Grifman as co-chairs of the council's Marine Shipping Working Group. Dianne Black seconded the motion, and the motion was unanimously passed by voice vote** (see attached voting record).

Sean Herron updated the council on the 2014 Santa Barbara Channel Voluntary Ship Speed Reduction Pilot Program and recapped the program's participation. He said that the VSR partners are putting the final touches on a report that summarizes the program and its results. The report will be available soon.

Kip Louttit provided a shipping traffic report (and handout) from the Ports of LA/Long Beach. He said overall the ships continue to approach the ports fairly evenly from the north, west, and south. He said that the International Maritime Organization has declared all ships within 200 nautical miles from the US coastline must use 0.1% low sulfur fuel as of January 1, 2015 (California had already required this fuel within 24 miles of the coast since January 1, 2014). It appears too early, Kip felt, to determine the effect this will have on traffic patterns.

### **Proposed UCSB Bren School Graduate Student Group Thesis Project: "Economic Incentives for Vessel Speed Reduction in the Santa Barbara Channel"**

Students from UCSB's Bren School of Environmental Science & Management (Shannon Walker, Kendall Mills, and Jennifer Bone) introduced themselves and said their proposed project plan would draw from the past work and programs done through the sanctuary, SAC, previous Bren student groups, and partners. They propose a whale ecosystem service valuation, air pollution and human health valuation, and an integrated cost-benefit analysis/economic incentive-based solutions. The project's scope and approach will become more refined over the coming months. They would ultimately like to use their findings to inform the SAC and related working groups.

Phyllis Grifman asked if the group will incorporate the regulatory changes for ship fuel requirements into their analysis. Answer: yes. Bob Warner noted that the previous Bren Group did could not obtain accurate whale distribution data. The students said that they will be incorporating new information but also acknowledged that whale distribution data is not strong. Vic Cox asked about modeling capabilities to determine changes in air emissions from changing speeds. Kristi Birney commented that the Santa Barbara Air Pollution Control District (SBAPCD) does have a good sense about reductions in air pollution from changing shipping speeds, but dispersion is not as well understood. **Bob Warner made a motion to approve a draft SAC letter of support to the Bren School regarding the proposed student project. Debra Herring seconded the motion, and the council unanimously voted (by voice) to approve the letter** (see attached voting record).

### **Public Comment - Afternoon**

Wendy Motta, representing U.S. Congresswoman Lois Capps, said that Capps is authoring two ocean

---

acidification (OA) bills this congressional session; one is an OA research bill, a bipartisan effort, and the second is a new bill to support research partnerships between the fishing industry and academic community.

### **Working Group Reports**

*Channel Islands Technical Advisory Committee (TAC) on Enforcement:* (Bill Struble, NOAA Office of Law Enforcement). Bill Struble reported that they are working on a couple cases out at the islands, mostly related to MPA violations. Sean Hastings added that a new pilot program sanctuary staff and CDFW wardens are working on will be to develop a mobile app using funding from the Resources Legacy Fund that would allow wardens to electronically record data on iPad Minis rather than on paper data sheets. He said the purpose is to streamline data collection and enhance data analysis and collaboration among enforcement agencies.

*Chumash Community Working Group: (Luhui Isha Waiya).* Luhui Isha talked about her current efforts working on an map and educational kit containing information about historical Chumash areas. She commented on the Wishtoyo Foundation's involvement with restoration efforts along the Santa Clara River. She also shared that a group of Catholic high school students visited the Wishtoyo Foundation's village site to discuss the possible canonization of Father Junipero Serra.

*Research Activities Panel: (Bob Warner).* Bob Warner said he and Mark Steele recently met with Chris Caldwell from CINMS and plan to schedule a RAP meeting before the next SAC meeting. They plan to introduce Chris to researchers that work in the sanctuary and hear from Chris about sanctuary research priorities.

*Marketing Subcommittee: (Michael Cohen).* Michael congratulated the sanctuary on its progress with on social media posts on Facebook and Twitter, and encouraged staff to begin utilizing other social media platforms such as Instagram and Pinterest.

*Sanctuary Education Team:* no updates.

*Recreational Fishing Working Group: (Captain David Bacon).* Captain Bacon said recreational fishermen have created a California Chapter of the Coastal Conservation Association, and its official creation will be announced in March. The mission statement is "Conserving the resource and anglers' access to it." Merit McCrea and Captain Bacon are on the board of directors. He would be willing to do a presentation on it for the SAC in the future.

*Commercial Fishing Working Group: (Bruce Steele)*

Bruce posed an open question asking why is it there is funding to answer environmental questions, but not funding to answer questions about seafood/fisheries sustainability. He pointed out that it is very costly for the Marine Stewardship Council to certify a fishery as sustainable. Brief council discussion ensued, including some comments from Sean Hastings with CINMS.

*Conservation Working Group: (Kristi Birney).* Kristi Birney reported that the CWG met on January 21<sup>st</sup>, and that working group meeting notes are available (shown on screen). She mentioned that at their meeting the CWG discussed how the Santa Barbara Channel Marine Protected Area (MPA) Collaborative continues to work on its MPA Awareness Campaign, including recently participating in Underwater Parks Day at the Santa Barbara Museum of Natural History Sea Center.

### **Meeting Close-Out**

Dianne Black closed out the meeting, noting that next SAC meeting will be held March 20, 2015 in Ventura.

**Meeting Attendance Roster (January 23, 2015)**

Andrea Mills	Tourism	<i>Absent</i>
Garrett Kababik	Tourism – Alternate	<i>Present</i>
Debra Herring	Non-Consumptive Recreation	<i>Present</i>
Stuart Wilson	Non-Consumptive Recreation -	<i>Present</i>
Michael Cohen [Secretary]	Business	<i>Present</i>
Capt. Kip Louttit	Business - Alternate	<i>Present</i>
Kristi Birney	Conservation	<i>Present</i>
Greg Helms	Conservation - Alternate	<i>Present</i>
Bruce Steele	Commercial Fishing	<i>Present</i>
Stephanie Mutz	Commercial Fishing - Alternate	<i>Absent</i>
Capt. David Bacon	Recreational Fishing	<i>Present</i>
Merit McCrea	Recreational Fishing - Alternate	<i>Present</i>
Amanda Allen	Education	<i>Present</i>
Cliff Rodrigues	Education – Alternate	<i>Present</i>
Dr. Robert Warner	Research	<i>Present</i>
Dr. Mark Steele	Research – Alternate	<i>Present</i>
Phyllis Grifman [Vice-Chair]	Public At Large #1	<i>Present</i>
Victor Cox	Public At Large #1 - Alternate	<i>Present</i>
Eric Kett	Public At Large #2	<i>Absent</i>
Richard Block	Public At Large #2 - Alternate	<i>Absent</i>
Luhui Isha Waiya	Chumash Community	<i>Present</i>
Mati Waiya	Chumash Community - Alternate	<i>Absent</i>
Elizabeth Petras	NOAA Fisheries	<i>Absent</i>
Shelby Mendez	NOAA Fisheries - Alternate	<i>Absent</i>
Russell Galipeau	National Park Service	<i>Present</i>
David Ashe	National Park Service - Alternate	<i>Absent</i>
CDR Casey Hehr	US Coast Guard	<i>Present</i>
LT CMDR Joseph Giammanco	US Coast Guard – Alternate	<i>Absent</i>
Donna Schroeder	Bureau of Ocean Energy Mgmt	<i>Present</i>
Dr. Ann Bull	BOEM – Alternate	<i>Absent</i>
John Ugoretz	Dept. of Defense	<i>Present</i>
Walt Schobel	Dept. of Defense - Alternate	<i>Present</i>
Craig Shuman	CA Dept. of Fish & Wildlife	<i>Absent</i>
Kai Lampson	CA Dept. of Fish & Wildlife - Alternate	<i>Absent</i>
Rich Rozzelle	CA Natural Resources Agency	<i>Present</i>
Amy Vierra	CA Natural Resources Agency -	<i>Absent</i>
Dr. Jonna Engel	CA Coastal Commission	<i>Absent</i>
Kristen Hislop	CA Coastal Commission - Alternate	<i>Present</i>
Dianne Black [Council Chair]	Santa Barbara County	<i>Present</i>
Susan Curtis	Santa Barbara County - Alternate	<i>Absent</i>
Danielle Tarr	Ventura County	<i>Present</i>
<vacant>	Ventura County - Alternate	--
Chris Mobley	Channel Islands NMS [non-voting]	<i>Present</i>
Paul Michel	Monterey Bay NMS [non-voting]	<i>Absent</i>
Karen Grimmer	Monterey Bay NMS - Alternate [non-	<i>Absent</i>

Maria Brown	Gulf of the Farallones NMS [non-	Absent
-------------	----------------------------------	--------

**Vote on Approving Kristi Birney and Phyllis Grifman as Co-Chairs of Marine Shipping Working Group**

<i>Name</i>	<i>Council Seat - position</i>	<i>Vote</i>
Garrett Kababik	Tourism - alternate	Yes
Debra Herring	Non-Consumptive Recreation - member	Yes
Michael Cohen	Business - member	Yes
Kristi Birney	Conservation - member	Yes
Bruce Steele	Commercial Fishing - member	Yes
Capt. David Bacon	Recreational Fishing - member	Yes
Cliff Rodrigues	Education - alternate	Yes
Dr. Mark Steele	Research - alternate	Yes
Phyllis Grifman	Public At Large #1 - member	Yes
Victor Cox	Public At Large #1 – alternate (for absent PAL #2)	Yes
Luhui Isha Waiya	Chumash Community - member	Yes
Elizabeth Petras	NOAA Fisheries – member	ABSENT
Shelby Mendez	NOAA Fisheries- alternate	
Russell Galipeau	National Park Service – member	ABSENT
David Ashe	National Park Service - alternate	
CDR Casey Hehr	US Coast Guard - member	Yes
Donna Schroeder	Bureau of Ocean Energy, Management, Regulation & Enforcement - member	Yes
Walt Schobel	Dept. of Defense - alternate	Yes
Craig Shuman	California Department of Fish & Wildlife – member	ABSENT
Kai Lampson	California Department of Fish & Wildlife- alternate	
Rich Rozelle	California Natural Resources Agency - member	Yes
Kristen Hislop	California Coastal Commission - alternate	Yes
Dianne Black	Santa Barbara County - member	Yes
Danielle Tarr	Ventura County - member	Yes

**YES: 18 ABSTAIN: 0 NO: 0**

**Vote on SAC letter of support to the Bren School regarding proposed student project**

<i>Name</i>	<i>Council Seat - position</i>	<i>Vote</i>
Garrett Kababik	Tourism – alternate	Yes
Debra Herring	Non-Consumptive Recreation - member	Yes
Michael Cohen	Business – member	Yes
Kristi Birney	Conservation - member	Yes
Bruce Steele	Commercial Fishing - member	Yes
Capt. David Bacon	Recreational Fishing - member	Yes
Cliff Rodrigues	Education - alternate	Yes
Dr. Mark Steele	Research - alternate	Yes
Phyllis Grifman	Public At Large #1 - member	Yes
Victor Cox	Public At Large #1 – alternate (for absent PAL #2)	Yes
Luhui Isha Waiya	Chumash Community - member	Yes
Elizabeth Petras Shelby Mendez	NOAA Fisheries – member NOAA Fisheries- alternate	ABSENT
Russell Galipeau David Ashe	National Park Service – member National Park Service - alternate	ABSENT
CDR Casey Hehr	US Coast Guard - member	Yes
Donna Schroeder	Bureau of Ocean Energy, Management, Regulation & Enforcement - member	Yes
Walt Schobel	Dept. of Defense - alternate	Yes
Craig Shuman Kai Lampson	California Department of Fish & Wildlife – member California Department of Fish & Wildlife- alternate	ABSENT
Rich Rozelle	California Natural Resources Agency - member	Yes
Kristen Hislop	California Coastal Commission - alternate	Yes
Dianne Black	Santa Barbara County - member	Yes
Danielle Tarr	Ventura County - member	Yes

**YES: 18 ABSTAIN: 0 NO: 0**