

CHANNEL ISLANDS NATIONAL MARINE SANCTUARY
2016 Sanctuary Advisory Council Work Topics: Year-End Update

<i>Topic</i>	<i>Possible SAC Activities</i>	<i>Year-End Status & Notes</i>	<i>Priority: H,M,L¹</i>
A. <u>SHIPPING and VESSEL-RELATED ISSUES</u>			
A1. Marine Shipping Working Group Process Completion	<ul style="list-style-type: none"> a) Wrap up of Marine Shipping Working Group (MSWG) process. Last in-person meeting in Jan 2016, followed by preparation of report with recommendations addressing a variety of shipping related issues in our region (e.g., ship strikes on whales, ship speed/routing, conflict with Navy training activities). b) MSWG to present final results to the council, requiring most of the March 2016 SAC meeting for MSWG report presentation, related NCCOS economic study results presentation, whale habitat/distribution modeling results, related UCSB Bren student these presentation, council discussion/questions, and public comment. c) Council to consider and take action on (e.g., ratify, move forward) MSWG recommendations (May 2016). 	<p>All Completed.</p> <ul style="list-style-type: none"> a) MSWG completed their work in early 2016. b) MSWG results presented to SAC in March, as well as NCCOS economic study (prelim) and UCSB Bren project. c) Council deliberations in March & May; action taken in May to forward MSWG report. 	H
A2. Vessel Groundings	<ul style="list-style-type: none"> a) Council to learn about and be provided the opportunity to express written support for a CINMS grant application focused on addressing the problem of vessel groundings at the Channel Islands. If funded, activities would likely be implemented in late 2016 or 2017. 	Incomplete. This did not happen because the grant proposal opportunity did not come together.	M
B. <u>MARINE PROTECTED AREAS (MPAs)</u>			
B1. Biological & Socioeconomic Monitoring of Channel Islands MPAs	<ul style="list-style-type: none"> a) Hear and learn from scientists that have been conducting monitoring in/around the Channel Islands MPAs b) Consistent with past reporting from the Research Activities Panel (RAP) hear an informal characterization of the status of key biological/ecological MPA monitoring programs/studies at the Channel Islands, based on scientists sharing status info. 	<ul style="list-style-type: none"> a) Complete. In November 2015, Dr. Robert Warner summarized findings from a paper published in Scientific Reports: <i>Recovery trajectories of kelp forest animals are rapid yet spatially variable across a network of temperate marine protected areas</i> (Jennifer E. Caselle, Andrew Rassweiler, Scott L. Hamilton & Robert R. Warner). In 2016, no new presentations provided to the SAC, but 4 talks were given in October at the California Islands Symposium that related to the study of effects of Channel Islands MPAs². b) Partially complete. The RAP met in May, reviewing Channel Islands programs and projects. A report-out followed at a subsequent SAC mtg. 	H

¹ “High” (H) rankings were those priority topics that the Executive Committee expected to substantively place on SAC meeting agendas, sometimes more than once, and/or expected to ask working groups to take on. “Medium” (M) rankings were for those topics that are placed on SAC meeting agenda as time and opportunity allowed. “Low” (L) ranking is for topics that were expected to be unlikely to be placed on SAC meeting agendas unless circumstances changed.

² Abstracts of presentations given at the 2016 California Islands Symposium available [here](#). Specifically related to the study of Channel Islands Marine Protected Areas, talks were given by Caselle et. al., Robinette, Sprague et. al., and House et. al.

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B2. MPA Education & Enforcement	<ul style="list-style-type: none"> a) In coordination with the Santa Barbara Channel MPA Collaborative group, learn about new education and outreach activities relevant to the Channel Islands MPAs as well as mainland coast MPAs. b) Hear from the Technical Advisory Committee (TAC) on Channel Islands Enforcement, including with regard to MPAs; Learn about new enforcement tools under development (e.g. mobile devices). 	<ul style="list-style-type: none"> a) Mostly incomplete. Although the council did not receive a specific presentation on this topic, brief announcements about activities of the SB Channel MPA Collaborative continued to be provided to the SAC via Conservation Working Group reporting. b) Complete. A TAC report was provided in July, accompanied by a detailed presentation on the NOAA Office of Law Enforcement provided by Dayna Matthews. Also, a presentation on NOAA's office of General Counsel for Enforcement was provided in November. 	H
C. <u>EXTERNAL SUPPORT for SANCTUARY</u>			
C1. Marketing, Travel & Tourism	<ul style="list-style-type: none"> a) SAC Marketing Subcommittee to hear from the staff lead on social media development with the Office of National Marine Sanctuaries, learning about suggested social media tips applicable to CINMS and building on national programs and projects (e.g., Earth is Blue campaign; Get Into Your Sanctuary Day), and providing advice/assistance to CINMS via full council. b) SAC Marketing Subcommittee to reconvene (or have regular check-ins with staff); address recommendations/opportunities raised during July 2014 Tourism panel session; continue to recommend ways to improve CINMS use of social media (to reach a new year-end goal of 10,000 likes on the CINMS Facebook page, which has 5,278 as of 1/20/16). c) Bring back Visit Santa Barbara and similar organizations to learn from their expertise. d) Go for 10,000 Facebook followers, keep working with DMOs, build out Instagram. 	<ul style="list-style-type: none"> a) Incomplete. This didn't come together in 2016. b) Partially complete. The Marketing Subcommittee did not formally reconvene in 2016, but with continued support, reminders and assistance from the Subcommittee Chair (M. Cohen), the CINMS Facebook page increased from 5,278 likes in January 2016 to 6,935 likes by December 28, 2016. c) Incomplete. No presentations by Visit Santa Barbara or other tourism boards in 2016, although CINMS has been reaching out to them for marketing ideas and to assist with advisory council recruitment leads. d) Partially Complete. CINMS is at 6,935 followers (as of 12/28/2016). We have not yet developed Instagram for CINMS. 	M
D. <u>RESEARCH COMMUNITY INPUT</u>			
D1. RAP advice and input	<ul style="list-style-type: none"> a) Research Activities Panel to provide input and draft documentation review on the status and trends of marine resources within the sanctuary, reporting out to the SAC. This information will be applied to a sanctuary Condition Report, expected in 2017. b) Ask the RAP for a priority list for research over the coming years. 	<ul style="list-style-type: none"> a) Complete. RAP members and other scientists participated in a CINMS Condition Report two-day workshop held in May, providing data and professional input on the status of sanctuary resources. Progress report provided to the SAC in July. b) Incomplete. This did not happen in 2016, although the Condition Report input provided by RAP members will help CINMS to identify research priorities, and it is expected the RAP and SAC can provide advice on this during the next management plan revision process (2017+). 	H

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E. EDUCATION			
E1. Education and Outreach on Fishing in CINMS	Fishing representatives (commercial & recreational) to propose and help arrange educational talks to the council designed to elevate our understanding of Channel Islands-based fishing opportunities, practices, resources, fisheries, etc. For example, learn about (and consider supporting) direct marketing of locally caught seafood (Stephanie Mutz and others).	Partially complete. In July, commercial fisherman Stephanie Mutz provided an educational talk to the council that explained the various commercial fisheries operating in our area and efforts to market local catch directly to local restaurants and at local fish markets.	H
E2. New Sanctuary Webinar Series	Council to learn about a new National Marine Sanctuaries Webinar Series, and provide suggested topics for potential CINMS contributions.	Incomplete. The council did not receive a special presentation on this or engage in discussion about it, but council members were notified by email about upcoming Webinar sessions.	L
E3. Youth Involvement	Sanctuary Education Team to help high schools pursue NOAA grant funding to help high school student groups engage in sanctuary-related projects, including consulting with and presenting to the advisory council. AMANDA/CLIFF: Support this. Student visits could be 15 minutes.	Incomplete. This was considered by the SET and investigated, but a specific project, with grant-funding and designed to interface with the SAC, did not come together in 2016. Additionally, students from Hollister Elementary were scheduled to present projects to the council in May as part of their MERITO Academy training, but had to cancel.	H
E4. Channel Islands Symposium	Encourage council attendance as an important educational opportunity. Consider how some council issues can be covered at this event.	Partially complete. At SAC meetings the council received regular reminders about the California Islands Symposium. About 10 council members were noted in attendance. Some presenters at the Symposium are likely to be pursued as possible guest speakers for future SAC meetings.	M
F. CLIMATE CHANGE EFFECTS			
F1. Ocean Acidification (OA)	<ul style="list-style-type: none"> a) Council to invite scientists from UCSB Hofmann Lab to explain their latest OA work, including highlights following planned 2016 summer field work within the Park and Sanctuary. b) Council to hear and learn from scientists working within CINMS to explore, monitor and sample deep sea coral habitats, in part to detect possible OA effects. This could include learning from upcoming cruises (April/May 2016) on the NOAA R/V Bell M Shimada featuring ROV operations as well an Ocean Exploration Trust deep water mission aboard the E/V Nautilus in July 2016. 	<ul style="list-style-type: none"> a) Incomplete. This did not happen in 2016. b) Partially complete. In July, Chis Caldwell, Julie Bursek and Chris Mobley reported to the SAC on the study of deep sea areas within CINMS, including coral habitats, as part of the Nautilus Live expedition, and Caldwell reported on other seafloor mapping expeditions that occurred in 2016. 	M
F2. Climate Change Adaptation	<ul style="list-style-type: none"> a) Consider convening a climate change panel to inform the council on the issue of adaptation. b) Learn about rapid vulnerability assessment tool for climate change impacts (connect with Greater Farallones National Marine Sanctuary). Recommend bringing in expertise on modeling of shoreline change. 	a) & b) Mostly complete. Although not set up as a panel, the council did receive a thorough explanation in September of how the Greater Farallones National Marine Sanctuary and partners assessed expected climate impacts to habitats and identified adaptation strategies. This included an explanation of a rapid vulnerability assessment approach, which CINMS and CINP recently began working on. In addition, in November the council heard from Dr. Claudia Anderson about Harmful Algal Blooms.	H

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G. PROPOSED / POSSIBLE DEVELOPMENTS in CINMS			
G1. Proposed Navy Fiber Optic Cable	<p>a) Council to invite the Navy back to provide an update on a proposal to lay new fiber optic communication cables on and under the sea floor from San Nicolas Island to Point Mugu and Santa Cruz Island.</p> <p>b) Learn about public commenting opportunities, ask questions and discuss issues, share feedback with Navy and CINMS Superintendent.</p>	a) & b) Complete. Presentation by and council discussion with the Navy (J. Ugoretz) in July. This was followed by sharing announcements with the SAC when the Navy's draft environmental document was available for review and comment.	L
H. ADDITIONAL TOPICS / ACTIVITIES SUGGESTED BY COUNCIL MEMBERS			
H1. NPS Centennial	Plug in to the NPS 100 year centennial celebration. CINP lecture: past present and future. Try to do some focused social media posts to support this. Promote council member viewing of West of the West, a new Sam Tyler film on the Channel Islands (3 90-minute episodes, also will air on PBS).	Partially complete. The council received regular NPS Centennial updates and announcements at SAC meetings. CINMS staff helped to amplify and share related social media posts. Council members were notified of and encouraged to view (live or on TV) the West of the West film series.	H
H2. CHNMS	Proposed Chumash Heritage National Marine Sanctuary – 1) discuss if the council wants to and should weigh in on this or other proposed sanctuaries; 2) if so, receive more information about this proposed site (to include process overview and context; invite Bill Douros to present).	Not pursued. The council's Executive Committee considered this possibility and opted to wait until proponents of the sanctuary designation expressed interest in presenting to the SAC, or a specific request was made for the SAC to consider endorsement of the proposed site (no such request was received).	M
H3. Enforcement priorities	Advisory council input on CINMS enforcement priorities (as a follow-up to the invitation that came from NOAA's Director of Law Enforcement at the 2016 SAC Summit).	Partially complete. The advisory council received two presentations from NOAA enforcement officials in 2016: Office of Law Enforcement (Dayna Matthews, July) and General Counsel Enforcement Section (Paul Ortiz, November). The council also learned about Chair Dianne Black's role in working with four other council Chairs/members from around the sanctuary system to craft a letter to NOAA leadership about the need for increasing attention to enforcement of sanctuary regulations, and in November approved of the Chair signing on to that letter.	M
H4. Support for local buoys	Consider letter of support for saving local buoys (March 2016)	Complete. At two SAC meetings the council received updates on the changing buoy situation, learning that funding for one had been secured, but not for another (Goleta Point). SAC developed/approved a letter in November, which was distributed to relevant contacts with NOAA, Scripps, and the CDBW.	H
H5. ONMS Strategic Plan	Review draft documentation from ONMS headquarters on new strategic plan	Pending. The draft strategic plan is expected to become available for public review in January 2017.	M
H6. Input to CDFW on fisheries	Invite CDFW to SAC meetings to share information on fisheries management developments and to solicit input from the council	Incomplete. This was not formally pursued in 2016, but the council received regular brief updates on CDFW fisheries management news from CDFW SAC member Julia Coates.	L
H7. Marine Debris	Better understand the issue of marine mammal entanglement, including as it relates to marine debris. Potential for council recommendations on clean up/prevention.	Incomplete. This did not come together in 2016, but could be pursued in 2017.	H
H8. Alternative energy	Learn about marine proposals (offshore wind or wave energy) in our region.	Incomplete. This was not pursued in 2016.	L