

**CHANNEL ISLANDS NATIONAL MARINE SANCTUARY  
2015 Sanctuary Advisory Council Work Topics<sup>1</sup>**

| <i>Topic</i>   | <i>Possible SAC Activities</i>   | <i>Notes</i>  | <i>Priority:<br/>High, Medium,<br/>Low<sup>2</sup></i> |
|--|--|---|--|
| <b>A. <u>EXTERNAL SUPPORT for SANCTUARY</u></b>        |  |   |  |
| A1. Marketing, Travel & Tourism                        | <ul style="list-style-type: none"> <li>• SAC Marketing Subcommittee to reconvene (or have regular check-ins with staff); address recommendations/opportunities raised during July 2014 Tourism panel session; provide input/feedback on sanctuary “brochure” for travel writers; continue to recommend ways to improve CINMS use of social media (to reach a goal of 5000 fans on CINMS Facebook page, which has 2,274 as of 1/20/15). MICHAEL C: Invite Visit Santa Barbara back.</li> <li>• PHYLLIS: SAC/Marketing Subcommittee could help develop a plan for CINMS best practices with social media outreach. CHRIS MOBLEY: Search optimization tools too.</li> </ul>   | Michael Cohen: Encourages CINMS to continue to prioritize this – more than just Facebook. Twitter and Instagram too. CINMS social media posting benefits all. | <b>M</b>   |
| <b>B. <u>SHIPPING-RELATED ISSUES</u></b>               |  |   |  |
| B1. Marine Shipping Working Group Process              | <ul style="list-style-type: none"> <li>• The council-created Marine Shipping Working Group to hold 5 meetings, and possibly 2 public forums, as members work with professional facilitators and SeaSketch spatial planning tools to develop recommendations that address a variety of shipping related issues in our region (ship strikes on whales, air pollution, ship speed/routing, Navy training activities, noise and changes from Emissions Control Area (ECA)).</li> <li>• Council to provide guidance and feedback to the working group throughout the year.</li> <li>• Council to receive, consider and take action on (e.g., ratify, move forward) a final set of working group recommendations.</li> </ul> |   | <b>H</b>   |
| B2. Noise<br><i>(not exclusively a shipping issue)</i> | <ul style="list-style-type: none"> <li>• Council to receive presentation from ONMS staff/experts involved in shaping a new NOAA Ocean Noise Strategy, including how sanctuaries contribute to the conservation of acoustic habitat.</li> <li>• Hear from scientists monitoring and modeling noise within and around CINMS.</li> </ul>  |   | <b>H</b>   |

<sup>1</sup> Rankings are based on worksheets submitted by 23 council members at the January 23, 2015 SAC meeting.

<sup>2</sup> “High” priority topics are those that the Executive Committee will work to get on SAC meeting agendas more than once. “Medium” priority topics may be placed on a SAC meeting agenda as time and opportunity allows. “Low” priority topics are unlikely to be placed on SAC meeting agendas in a significant way (unless circumstances change).

**Channel Islands National Marine Sanctuary – 2015 Suggested SAC Work Topics and Ranking Worksheet**

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|---|--|--------------|--|
|   | <ul style="list-style-type: none"> <li>• Revisit SAC 2004 recommendations for addressing anthropogenic noise; gauge progress.</li> </ul>   |              |  |
| <b>C. <u>RESEARCH DIRECTIONS and SCIENCE PRIORITIES for CINMS</u></b> |  |              |  |
| C1. RAP/Council Advice on Research Program Directions                 | <ul style="list-style-type: none"> <li>• Research Activities Panel (RAP) to convene (possibly Winter/Spring 2015) to meet with new CINMS research team, learn about science programming approach/directions/staffing needs being considered at CINMS, and provide feedback/recommendations.</li> <li>• RAP to report-out to SAC, propose recommendations for possible council ratification. SAC to consider, possibly add-on.</li> </ul>   |              | <b>H</b>   |
| <b>D. <u>FISHERIES / FISHING EDUCATION</u></b>                        |  |              |  |
| D1. Education and Outreach on Fishing in CINMS                        | <ul style="list-style-type: none"> <li>• Fishing representatives (commercial &amp; 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).</li> <li>• Council to advise on improvement of 2015 Sanctuary Classic summer recreational fishing and photography contest (assuming it returns), and learn from its progress and results.</li> </ul>  |              | <b>M</b>   |
| <b>E. <u>MARINE PROTECTED AREAS (MPAs)</u></b>                        |  |              |  |
| E1. Biological & Socioeconomic Monitoring of Channel Islands MPAs     | <ul style="list-style-type: none"> <li>a) Hear and learn from scientists that have been conducting monitoring in/around the Channel Islands MPAs, including expected new journal publication based on 10 years of data. (BOB WARNER: A public brochure product is also going to be available for this.)</li> <li>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 information at a RAP meeting.</li> <li>c) Receive and learn from new ONMS economic reports (from Bob Leeworthy) when ready.</li> <li>d) Social Component: Reflect on and learn from commercial fishing industry participation in the Channel Islands reserves process and 10 years of adaptation to the network (Bruce Steele suggestion). BRUCE: Go back to the SAC Marine Reserves Working Group members to ask them about their former participation and intent, and their perspectives today on the Channel Islands marine reserves. Merit: Questions could be: Did you get what you wanted from the process, and do you want what you actually got. (Support from Phyllis G, with an economic survey too using fairly rigorous social science). Greg supports. Russell G: Oct. 2016 California Islands Symposium could be a venue for an additional session on this.</li> </ul> |              | <b>H</b>   |

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| E2. MPA Education & Enforcement                            | <p>e) 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. Council and SET opportunities to provide ongoing feedback on outreach efforts.</p> <p>f) 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); Learn from a Santa Barbara Channel MPA Collaborative enforcement workshop planned for April 2015.</p>   |              | <b>H</b>   |
| <b>F. <u>CLIMATE CHANGE EFFECTS</u></b>                    |  |              |  |
| F1. Ocean Acidification (OA)                               | <ul style="list-style-type: none"> <li>• Council to hear from and understand the latest ocean acidification monitoring and science experiments being set up within and adjacent to CINMS (Hofmann lab reports/presentations in May 2015).</li> <li>• Council to hear and learn from scientists working within CINMS to explore, monitor and sample (for OA) deep sea coral habitats. This could include learning about recent cruises featuring ROV operations (P. Ettenoyer/D. Rosen) as well as future CINMS cruises (NOAA <i>Shimada</i> ROV operations/OA work in March 2015; Bob Ballard Ocean Explorer deepwater mission in August 2015).</li> <li>• Ongoing updates, discussion and council/staff education on the latest work to advance understanding, education and responses to ocean acidification.</li> </ul> |              | <b>H</b>   |
| F2. Habitat and Species Range Shifts                       | <ul style="list-style-type: none"> <li>• Learn from experts about the issue of climate change affecting the range and qualities of marine habitats and associated shifts in the ranges of some marine species, including CINMS area observations or implications.</li> </ul>   |              | <b>M</b>   |
| <b>G. <u>PROPOSED / POSSIBLE DEVELOPMENTS in CINMS</u></b> |  |              |  |
| G1. Proposed Navy Fiber Optic Cable                        | <ul style="list-style-type: none"> <li>• Hear from the Navy (possibly in May 2015) about 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.</li> <li>• Ask questions and discuss issues, share input with Navy and Sanctuary Superintendent.</li> </ul>  |              | <b>M</b>   |
| G2. Desalination   | <ul style="list-style-type: none"> <li>• Learn from Monterey Bay National Marine Sanctuary (Bridget Hoover, January 2015) about sanctuary experience evaluating, permitting and monitoring a variety of desalinization projects.</li> <li>• Hear from the National Park Service about possible small-scale desalinization units to be</li> </ul>   |              | <b>L</b>   |

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|  | considered for use at the Channel Islands National Park. Consider sanctuary implications and marine environmental aspects; provide council advice.  |  |  |
| <b>H. <u>ADDITIONAL TOPICS / ACTIVITIES SUGGESTED BY COUNCIL MEMBERS</u></b> |   |  |  |
| <b>H1. Seafloor Mining</b>   | <ul style="list-style-type: none"> <li>Seafloor mining for precious metals. This could be a big upcoming issue. Polymetallic sulphides near hydrothermal vents. BOEM would be willing to provide information to the SAC (but not yet a lot of interest/foreseeable projects shown in this within the Pacific Region).</li> </ul>  | Suggested by Capt. David. Support from Greg H. | <b>L</b>   |
| <b>H2. Chumash Community Collaboration</b>                                   | <ul style="list-style-type: none"> <li>Create better working relationship with Chumash community on multiple program fronts (Phyllis)</li> <li>Tribal MPA education kit – map, DVD and booklet (Luhui). Council could review this product. To help youth understand historical areas and connections, and current protected areas.</li> </ul>   |  | <b>M</b>   |
| <b>H3. Youth Education</b>   | <ul style="list-style-type: none"> <li>Intertribal: Chumash community work with inter-tribal youth (Luhui). SAC members/agencies to learn about this and consider ways to strengthen this programming and the process.</li> <li>Cliff R: Youth educational opportunities for other minority/underserved youth communities.</li> <li>General update on all education programming at CINMS</li> </ul> |  | <b>L</b>   |
| <b>H4. Light Pollution</b>   | <ul style="list-style-type: none"> <li>Effects of lighting on phenology, seabirds, pinnipeds (Russell Galipeau). Understand Impacts and mitigation options.</li> </ul>  |  | <b>M</b>   |
| <b>H5. Youth Involvement with Council</b>                                    | <ul style="list-style-type: none"> <li>Amanda: Develop opportunities for youth to engage with the SAC. Sanctuary Education Team to assist?</li> </ul>   |  | <b>M</b>   |
| <b>H6. National Park Service 100 Year Anniversary</b>                        | <ul style="list-style-type: none"> <li>Learn about, help recognize, participate/promote/piggy back.</li> </ul>  |  | <b>M</b>   |