

## SANCTUARY ADVISORY COUNCIL

Thursday, May 10, 2001

9:00 a.m. - 3:00 p.m.

Kaua`i Marriott Resort & Beach Club

Lihu`e, Kaua`i

### *Final Meeting Minutes*

#### **Attendance**

*SAC Members Present:* Sallie Beavers, Athline Clark, Elizabeth Corbin James Coon, Bill Friedl, Walter Haas, June Harrigan, Cindy Knapman, Teri Leicher, Bill Lennan, Charles Maxwell, Naomi McIntosh, Dick Poirier, Glenn Soma, Mike Stanton, Mike Tosatto, Jeff Walters, Reginald White, Aulani Wilhelm.

*SAC Alternates Present:* Carl Berg, Lunakanawai Hauanio, Wallace Patch, Claud Stuccliffe

*Excused:* Hannah Bernard, Margaret Dupree, Eric Gilman, Isaac Harp, Lou Herman, Jack Laufer, Cliff Libed, Patty Miller, Paul Nachtigall

#### *Others Present:*

HIHWNMS: Chris Brammer, Kellie Cheung, Jean Souza

NMFS: John Reghi

PUBLIC: Rob Wilder (Pacific Whale Foundation)

#### **Distributed Materials**

- Meeting Agenda
- SAC Final Meeting Minutes (3/6/01)
- Acting Sanctuary Manager Report
- State Co-Manager Report
- Research Subcommittee Report/Minutes
- Education Subcommittee Report/Minutes
- O`ahu Events Report
- Draft Resolution Supporting the South Pacific Whale Sanctuary
- Draft Letter to Secretary Abraham re the C02 Experiment
- Scientific Consensus Statement on Marine Reserves & MPAs
- NOAA Report Newsletter
- NOAA Organizational Chart
- NMSS Advisory Council Chairs & Coordinators Meeting Report
- NMSS Education Plan
- NMSS Foundation Information

- NMSS Research Coordinator’s Meeting Summary
- NMSS Talking Points for LFA
- NWHI Advisory Council Member Contact Information
- Makai Newsletter Article
- Misc. Newspaper Articles (Sanctuary Ocean Count)

**Welcoming Remarks & Officer Elections**

SAC Vice Chair Charles Maxwell called the meeting to order at 9:05 a.m. Mr. Maxwell welcomed everyone and made a few housekeeping announcements. Officer elections for the Chair, Vice Chair and Secretary seats commenced immediately following that. Nominations were as follows:

<u>Chair</u>	<u>Vice-Chair</u>	<u>Secretary</u>
Jim Coon	Hannah Bernard	Sally Beavers
Lou Herman	Bill Friedl	Patty Miller
Charlie Maxwell	Charlie Maxwell (declined)	
	Patty Miller	

**Final Election Results**

<b>CHAIR:</b>	<b>Jim Coon</b>
<b>VICE CHAIR:</b>	<b>Bill Friedl</b>
<b>SECRETARY:</b>	<b>Sallie Beavers</b>

Following the elections, new SAC Chair Jim Coon assumed his seat and presided over the remainder of the meeting.

Mr. Coon called for an approval of the minutes from the last meeting which was held on March 6, 2001 in Honolulu. A motion was made to amend the minutes to reflect a request that Isaac Harp made at the last meeting. The amendment reads as follows: “*Mr. Harp requested Acting Sanctuary Manager Naomi McIntosh to update the SAC on the US Navy’s proposed HISWTR project.*” Motion carried. Upon addition of this information, minutes were approved as amended.

**Presentation by Walter Haas**

Because this was the SAC’s first meeting on Kaua`i, Dr. Haas requested ten minutes to briefly discuss recent issues pertaining to the island, provide some historical information about Kaua`i, and distribute maps of the island.

Kaua`i County alternate Carl Berg pointed out that the island's south shore records the most humpback whale sightings. He also noted that this area is host to a large and developing whale watch industry.

Following the discussion, Naomi McIntosh announced that Jean Souza organized an optional field trip to Kilauea Point National Wildlife Refuge on the north shore of Kaua`i following the meeting. Although there were no volunteers for the trip, one SAC member remarked that it could be incorporated into a future SAC meeting and trip to Kaua`i.

In reference to the maps that Dr. Haas passed out, Mike Stanton suggested that the sanctuary pursue having the airlines (Hawaiian and Aloha) provide information on sanctuary locations and humpback whales on their maps during whale season.

### **Acting Sanctuary Manager Report**

Ms. McIntosh announced that the O`ahu staff has been out of the office for the past two days attending oiled wildlife response training. She noted the difficulty in planning neighbor island meetings but commented that it is important to continue to hold meetings in varied locations. She briefly discussed some of the handouts that were made available at the meeting and went over her printed report (See Attachment 1).

Bill Lennan commented on recent developments surrounding the Ehime Maru wreck, indicating that it will be raised and towed to shallower water. The Army Corps of Engineers will authorize a permit to move the vessel and conduct clean up efforts. June Harrigan noted that the Department of Health will also keep a close eye on potential water quality problems.

### **Other Reports**

Jeff Walters distributed copies of his State Co-Manager Report (See Attachment 2) as well as informational materials such as news articles and website materials.

Mr. Coon noted that Research, Education and Conservation Subcommittee reports (See Attachments 3, 4 & 5) are available on the back table for review. He then opened it up for county reports.

Mr. Haas indicated that he had nothing to add, noting that the Kaua`i Family Ocean Fair was covered in the NOAA newsletter.

Bill Friedl provided copies of the O`ahu County Report (See Attachment 6).

Sallie Beavers reported that the sanctuary sponsored three well-attended lectures on the Big Island during whale season as well as the Big Island Ocean Count. Hot issues in the area include the West Hawai`i Fishery Council's proposal regarding gill netting, LFA,

C02 Ocean Sequestration, and the pending Hilo office for the NWHI Coral Reef Reserve. She further noted that a year ago, the SAC voted to draft a resolution asking the sanctuary to open an office in Kona. Ms. Beavers indicated that this fell through the cracks and suggested that the SAC initiate it once again. She also proposed that the NWHI office be combined with HIHWNMS.

Dick Poirier, chair of the Charter Review Subcommittee, indicated that he will be preparing the first working draft (based on the revisions prepared by Sanctuary staff) and will submit it to the subcommittee for review. Once the subcommittee reviews it, it will go to the SAC for review, then sent to the sanctuary co-managers. After that phase, it will be forwarded back to the SAC for action at the August SAC meeting.

Mr. Poirier also noted that what the SAC does must be allowed by the charter. If it is not allowed by the charter, it must not be disallowed by Roberts Rules. He emphasized that the SAC should be aware of this when reviewing the drafts.

### **NMFS Office of Law Enforcement Presentation**

John Reghi, Assistant Special Agent in Charge, introduced himself, indicating that he has been with NMFS-OLE for eight months. He spent 13 years with the Federal Marshall Service and has a background in environmental science and resource development.

Primary Goals of NMFS-OLE:

1. Target major marine resource offenders
  - a. Identify significant non-compliers, prioritize them in order of greatest actual and potential impact on resource and return to compliance
  - b. Leverage partnerships to enhance OLE's ability to focus on major offenders
2. Establish and promote community-oriented policing and problem solving philosophy
  - a. COPPs program enhances compliance through outreach, improved enforcement partnerships and leveraged partner capabilities
3. Improve compliance through advanced technologies
  - a. Update, expand and utilize vessel monitoring system technology in appropriate fisheries

Mr. Reghi indicated that NMFS-OLE has participated in a number of sanctuary activities including the annual Ocean User's Workshops series. They have also participated in other informal workshops sponsored by the State.

Between January and April 2001, NMFS received 39 violation complaints. Other incidents include 5 whale strikes/collisions, a transom breach in February 2001 off of Kaua'i, and a humpback whale stranding on March 5, 2001 in Punalu'u. In another protected species enforcement action, Fisherman Daniel Isobe was found with two green sea turtles in the back of his pickup truck. He was arrested by NOAA-OLE on March 1, 2001 and pled guilty.

Mr. Reghi remarked that there has been a noticeable explosion in “swim with the dolphins” businesses. NMFS will be looking at these businesses (many of which are run underground) very closely. He noted that a 50-yard approach regulation is recommended.

Teri Leicher commented that she understands these regulations to be a recommendation only. She further remarked that in her years of experience, dolphins enjoy interaction with humans and the regulations regarding approach and intent of approach need to be clarified. Charlie Maxwell asked how NMFS addresses cultural values and handles kanaka maoli who revere dolphins as aumakua (family guardians). Mr. Reghi responded that NMFS tries to look at all issues in considering enforcement. He emphasized that we need to show respect for the animal and err on the side of caution. Mr. Coon suggested that there is some hypocrisy in “busting” the individual citizen getting a spiritual connection vs. the commercial operation that “rapes the environment.” Need to show more consistency in who gets singled out - not the little guy who is easier to target.

Mr. Reghi noted that NMFS is trying to establish a decent program, however, they do not have enough officers to handle all of the cases. They are also trying to develop a database on whale incidents to monitor the types of incidents that occur (e.g., whale strikes, etc).

### **Management Plan Review**

Ms. McIntosh updated the SAC on the management plan review and reminded the SAC that the Governor needs to approve the management plan in June 2002. Depending on public comments, she said that boundary expansion and addition of other marine species would be considered during the next five years.

Ms. Beavers asked why other species were not being considered for inclusion during this review process. Ms. McIntosh responded that including other species would require an intensive habitat assessment. This would therefore require different sanctuary boundaries, which in turn would trigger NEPA. Dr. Walters indicated that if additional laws were not added, only additional species, then there may not be a requirement for NEPA. He noted, however, that without new regulations the sanctuary might receive criticism of being ineffective in protecting additional species.

Mr. Friedl stated that we need to do a better job in protecting whales before proposing anything new to the Governor. Ms. Beavers asked if we would have to wait five years to add species if we don't address it during this review period. Ms. McIntosh replied that it could possibly happen before the next five-year review. Teri Leicher stated that Kona hasn't really gained anything from the Sanctuary and adding more mammals would elicit the same questions as before. Athline Clark acknowledged that we need to move forward but stated that if we decide that we want to add additional species then it should be presented to the Governor as a recommendation. Jeffrey Walters agreed, adding that the Governor will want to know the SAC's position.

Ms. McIntosh thanked everyone for their comments, acknowledging that these questions are important and represent what the public would want to know about the process. Currently sanctuary staff is in the process of looking at the draft management plan, making revisions, identifying problems and outcomes, and developing strategies and activities to address these problems. She also mentioned that the Sanctuary has started to hold informal meetings with various agencies including WESPAC and the US Navy.

Ms. McIntosh reviewed the management plan schedule and announced that the State of the Sanctuary report will be released in July along with the draft revised management plan. Public meetings will be held in August and the SAC will play a part in this by reviewing the draft plan. SAC members will also be asked to help facilitate discussions and get the message out to the public.

### **Old Business**

MOTION: A motion was made to approve the resolution supporting the NWHI. Motion carried.

MOTION: A motion was made to approve a letter of appreciation to those involved in Punalu`u whale stranding in March. Athline Clark remarked that other incidents should also be recognized in this letter. Motion was amended to expand commendations in the letter. Motion carried.

Other related comments to this issue include amending the charter to give the SAC Chair authority to send letters of this nature without prior approval of the Manager. This would enable the SAC to properly represent their community without being “hogtied” in getting things done. Ms. McIntosh responded that the SAC can draft letters and she will just put a cover letter on it when submitting it.

ACTION: Commendation letter should be redrafted to reflect other actions taken in previous stranding incidents.

MOTION: A motion was made to approve the letter to improve marine mammal stranding protocols. Motion carried.

### **New Business**

MOTION: Bill Friedl called for a motion regarding the stranding network. According to Mr. Friedl, the responses to recent stranding incidents in Hawai`i indicate the following:

(1) The public at large is inadequately informed about appropriate responses and lawful actions for encounters with stranded marine mammals; and

(2) The officially constituted response team lacks adequate coordination and required breadth to respond in an adequate and timely manner.

Therefore, the Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Council requests that the Sanctuary Manager ask that NOAA provide the personnel and support to adequately revitalize and publicize the Marine Mammal Stranding Network in Hawai'i and that NOAA report progress on this matter to the Hawaiian Island Humpback Whale National Marine Sanctuary Advisory Council in December 2001. Motion carried.

Ms. McIntosh announced that Carrie Robertson has moved and will be unable to complete the remainder of her whale watch term. Reginald White, the whale watch alternate, will officially take over the remainder of her term.

**ACTION:** Ms. McIntosh will look into the options for selecting a whale watch alternate.

Mr. Coon suggested that a selection committee be formed to help select new SAC members. This committee will help to fast-track selection recommendations to NOAA. Members whose seats are currently up for reappointment will not be eligible to sit on the committee. **Selection Committee members are: Jim Coon, Cindy Knapman, Teri Leicher, Dick Poirier, Glenn Soma, and Mike Stanton.**

**MOTION:** A motion was made to extend the terms of the newly selected officers to occur after the selection of new members. Currently, officers are elected in March, prior to the new membership turnover that occurs in July. Motion carried.

Teri Leicher proposed that an orientation session for new members be held prior to their first meeting. Other suggestions included creating an orientation video for new members, forming a subcommittee to develop alternate ideas on this issue, instructing outgoing members to meet with and update incoming members, and hold a videoconference for new members.

**ACTION:** Staff to consider options for orienting new members prior to their first SAC meeting.

**MOTION:** Ms. McIntosh announced the need to set a meeting schedule for the next year. A total of six meetings should be anticipated. A motion was made to have the managers and new SAC officers come up with a meeting schedule and provide it to the SAC at a later date. Motion carried. **The tentative date for the next meeting is: August 7, 2001.**

**ACTION:** It was suggested that SAC members provide blackout dates for the staff to work around when planning the meeting schedule.

**ACTION:** Mr. Coon stressed the importance of having each Chair provide subcommittee/activity reports prior to meetings for adequate SAC review. Mr. Maxwell commented that any action items that come up should be given to the subcommittees for further work. This will enable issues to be brought to the SAC's attention in a timely manner. Mr. Coon acknowledged that the Vice Chair will be tasked to make sure all action items are ready prior to each meeting.

Discussion turned to the establishment of a Sanctuary office in Kona. Ms. Beavers expressed concern that NWHI will be setting up an office in Hilo. She suggested that the sanctuary combine offices with NWHI in Kona, or possibly set up separate offices in Kona. She emphasized that Kona needs to have sanctuary representation.

**MOTION:** A motion was made to have the sanctuary set up an office in Kona. The motion was amended to state that Sallie Beavers and Bill Friedl will work on drafting a resolution for this. Motion carried.

**ACTION:** Jim Coon stated that he would like to see the SAC take some kind of stand on LFA. Comment deadline is May 18, 2001.

### **Public Forum**

Rob Wilder addressed the SAC on his position regarding LFA. SAC members identified a number of questions and issues regarding the issue, including the fact that Navy operations will be conducted outside Sanctuary boundaries, and that it is difficult to protect humpback whales since they are migrating animals. Jim Coon reminded the SAC that they may take a different position than the Sanctuary.

**MOTION:** Dr. Haas moved that the SAC oppose use of LFA in Hawaiian waters during whale season and within their migratory route between islands and between Hawai'i and their feeding grounds. Discussion continued and Mr. Friedl suggested that the Letter of Authorization should be based on the Marine Mammal Protection Act. He further stated that if the SAC has concerns about the Navy's monitoring techniques, then that should be the focus of the letter. Lunakanawai Hauanio suggested that the motion be amended to include the establishment of a Navy escrow fund. Motion failed.

Discussion on the letter continued and Mr. Coon suggested that the letter to the Navy regarding LFA should emphasize the SAC's concern that current monitoring efforts may not be adequate and may not allow safe passage for whales. Mr. Lennan added that the SAC needs to specify the latitude/longitude corridor for the main migration route. Ms. Beavers mentioned that Dr. Bruce May could provide guidelines on this corridor. Dr. Walters reminded everyone that the letter goes to Donna Weiting, not the Navy. He



stated that the letter should support the rule as it is currently written because it already mentions Hawai`i.

Mike Tosatto also noted that the rule states that they Navy can operate at 180 db and under within 12 nautical miles. June Harrigan recommended looking at the factual basis on whether 180 db is really acceptable. She remarked that perhaps the subject should go back to the research committee before a final recommendation is made.

**MOTION:** Mike Tosatto moved that a letter to the Navy specifically address the items that NMFS has to do. Other points on the letter should include:

- (1) The SAC is not convinced that research has shown that LFA sound does not pose a threat at 180 db
- (2) LFA should not be conducted within 12 nautical miles
- (3) Add the migratory route clause identified earlier in the discussion

Motion carried.

Mr. Coon turned the discussion to the C02 Ocean Sequestration experiment that was touched upon at the last meeting. Mr. Hauanio remarked that based on information provided to the SAC, the group should take a real role in opposing the project. Reginald White responded that the State Legislature recently opposed it and unanimously approved a resolution calling for the completion of an EIS. The project has now been moved outside of the 3-mile state limit to federal waters.

**ACTION:** Mr. Coon recommended that the South Pacific Whale Sanctuary issue be placed on the agenda for the next meeting.

With no further business, the meeting was adjourned at 3:00 p.m. **The next SAC meeting is scheduled for Tuesday, August 7, 2001 in Honolulu.**

## ATTACHMENT 1

### **ACTING SANCTUARY MANAGER'S REPORT**

#### **Sanctuary Advisory Council**

Thursday, May 10, 2001

#### National Marine Sanctuary System News

- March 22 to 24, Claire Cappelle attended the NMSS Education Coordinators meeting in Silver Spring, MD. Education Coordinators discussed the NMSS Education Plan.
- March 24 – 26, Acting Sanctuary Manager Naomi McIntosh attended a Leadership Team Meeting for Sanctuary Managers.
- March 27 - 29, Acting Sanctuary Manager and State Co-Manager traveled to Washington, DC to attend the annual Ocean and Coastal Program Managers' meeting. The theme of this years' meeting was "Sustainable Coasts and Oceans: Emerging Approaches to Managing Coastal Resource".
- March 27, Acting Sanctuary Manager and State Co-Manager, along with representatives from ONMS and the NWHI met with Hawaii's Congressional delegation in Washington, DC.
- ONMS has completed the NMSS Research Coordinators Meeting Summary Report. Copies of the report are available to SAC members on the display table.
- The next Research Coordinators meeting is being proposed for Nov/Dec 2001.
- ONMS Budget. Travel, Supply and Equipment ceilings have been imposed on all of NOAA. The intent of these ceiling restrictions is to limit the amount of funds NOAA spends on travel, administrative supplies and office equipment. The ceiling restrictions may cause a delay in the completion of some programs within the ONMS. Funding for travel within the program will be for priority areas only. The priority travel for ONMS is travel related to the following project areas, management plan review, SAC meetings, local site travel, the Aquarius Project in Florida, the SSE mission in the Gulf of Mexico "Islands in the Stream" and for scheduled missions at the Monitor Sanctuary.
- National Marine Sanctuary Foundation. The NMS foundation is up and running, Lori Arguelles, (formally Director, NOAA Public Affairs) Director of the Foundation, presented an update on the Foundations recent activities at the last Leadership Team meeting in March. Information on the foundation's goals and objectives, vision, and list of Board members is available on the display table. The first Board meeting was held on Monday, March 26 and the Foundation held a kick off reception at the Smithsonian Natural History Museum. The highlight of the reception included a Sanctuary IMAX film. Foundation brochures are available by contacting the director at (202) 508-3781.

#### Sanctuary Administration News

March 2001

- March 19<sup>th</sup>, Marc Kagen, NOAA Videographer visited Hawaii Sanctuary Program on Maui and Kauai and worked with staff to capture images of the Hawaii Sanctuary. Hawaii Sanctuary video images will be housed at the NOAA Public Affairs office.
- NMFS is accepting comments until May 3<sup>rd</sup>, (extended to May 18th) on the proposed rule for the taking of marine mammals incidental to the Navy's Operations of Surveillance Towed Array Sensor System Low Frequency Active Sonar, the Sanctuary has been receiving inquiries from the public on this issue.
- NMFS issues press advisory to public to notify authorities first before lending assistance during marine mammal entanglement incidents after crew of a 65-foot catamaran releases entangled whale on Maui.

#### April 2001

- 1) April 4<sup>th</sup> to 7<sup>th</sup>, Joylynn Oliveira and Jean Souza attended the National Association of Interpreters Conference. Joylynn Oliveira, Sanctuary cultural education specialist presented on the topic of "Encouraging native Hawaiians to volunteer with the Sanctuary Program".
- 2) April 5<sup>th</sup>, Naomi McIntosh attended the 2<sup>nd</sup> NWHI Ecosystem Reserve Advisory Council Meeting
  - 1) Federal and State agency trustees met on April 5<sup>th</sup> to determine if an Environmental Assessment is needed to address environmental concerns regarding the raising of the Ehime Maru from the seafloor.
- April 28<sup>th</sup>, NMFS holds public hearing on Oahu for the Navy's Proposal to deploy Surtass LFA Sonar.

#### Management Plan Review

- April 9<sup>th</sup>, Management Plan Meeting to brainstorm strategies was held. Participants included staff and SAC members.
- April 18<sup>th</sup> and 19<sup>th</sup>, Sanctuary Advisory Council Education Subcommittee met on Maui to discuss ideas for exhibits in the Maui education center, Management Plan review and brainstorm strategies for the education action plan.
- April 26<sup>th</sup>, Sanctuary Advisory Council Research Subcommittee met to detail research strategies for the Management Plan Review.
- April 30<sup>th</sup>, Naomi McIntosh and Jeff Walters met with the Navy's Regional Environmental office to provide an overview of the Sanctuary's Management Plan Review.
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#### Education and Outreach Activities

- 3) March 24<sup>th</sup>, Kauai Ocean Fair, Sanctuary sponsors annual daylong education event at Kilauea Point National Wildlife Refuge, Kauai

- March 31<sup>st</sup>, Maui Sanctuary staff participates in 9<sup>th</sup> Annual East Maui Taro Festival to celebrate Hawaii's native Hawaiian culture.
- April 10<sup>th</sup>, Tuesday, Maui Sanctuary Education Center hosts lecture with Robin Newbold, REEF Hawaii
- April 21<sup>st</sup> to April 22<sup>nd</sup>, Oahu Sanctuary Office participated in Earthday festivities on Oahu. "The Great Keikifest" sponsored by Atlantis Adventures attracted approximately 7000 people during the 2-day event.
- April 21<sup>st</sup>, Maui Sanctuary Office co-sponsored and participated in Earthday Festivities on Molokai.
- April 28<sup>th</sup>, the Maui Sanctuary Office participated in the Keep Hawaii Beautiful Campaign sponsored by Maui's Community Work Day. The Sanctuary participates regularly in scheduled clean-ups of beaches and dunes in the immediate vicinity of the Sanctuary office on Maui. Clean-ups are scheduled every two months. The Sanctuary has been an active participant in this effort since 1995.
- May 5<sup>th</sup>, the Kauai Sanctuary Office participated in the Annual Community Celebration at the Kilauea Point Lighthouse from 4 to 7 p.m., sponsored by the Kilauea National Wildlife Refuge.

## ATTACHMENT 2

### STATE CO-MANAGER REPORT

May 10, 2001

#### MEMORANDUM

*To: Sanctuary Advisory Council, Hawaiian Islands Humpback Whale National Marine Sanctuary*

*From: Jeff Walters, Sanctuary Co-Manager*

*Subject: Update from the Sanctuary Co-Manager for the period March 7, 2001 through May 10, 2001.*

#### 5-Year Sanctuary Management Plan Review

Public Outreach Coordinator Liza Simon and I have continued to participate in management plan review activities, including meetings with the SAC research, education, and management plan review subcommittees. Liza is currently working on a draft of the "State of the Sanctuary Report," which will provide an overview of the Sanctuary's accomplishments to date. On behalf of DLNR, I want to thank all the SAC members who have contributed so much during the recent subcommittee meetings regarding the revised plan. With help from national program staff, we hope to have a draft version of the plan for SAC review by the end of this summer.

#### State Scientific Research Permits

With almost all of the humpbacks "out of state" by now, the field research season here in Hawaii is basically over. It appears as if all 9 permitted researchers were able to conduct some good work this year. A meeting with researchers and state and federal management/permitting personnel is being planned for this fall to correspond with the beginning of the next season. DLNR and NMFS have agreed to continue to coordinate closely on all permitting matters (see trip report below).

#### State Administered Research Projects

All 3 projects appear to be going well. At a DLNR brown bag lecture on April 19, Dr. Joe Mobley presented a summary of a recent report regarding distribution of humpbacks and odontocetes in Hawaiian waters. Dr. Mobley is using Sanctuary funding this year to augment his survey results with data from the 1999-2000 whale season. Dr. Alison Craig attended Joe's talk and offered some interesting findings regarding humpback residence times. Dr. Craig is currently working with Drs. Lou Herman and Adam Pack of the Dolphin Institute on the other component of the abundance and residence time study. Drs. Jim Darling and Whitlow Au also have Sanctuary-funded projects in progress regarding sub-surface behavior and acoustic monitoring, respectively.

### Trip to Washington DC and NOAA HQ, March 26-29, 2001

I joined Sanctuary Manager, Naomi McIntosh in the DC area during March 26-29. The main purposes of the trip were to:

- 4) Attend NOAA's Annual Ocean and Coastal Managers' Meeting;
- 5) Meet with leadership and staff from various NOAA agencies including the Office of National Marine Sanctuaries (ONMS) and the NMFS Office of Protected Resources to discuss Sanctuary-related and other marine resource-related issues; and,
- 6) Brief Hawaii's Congressional delegation on Sanctuary-related developments and issues.

Some highlights/outcomes of the trip include:

- a. Meetings with ONMS were quite productive and its leadership appears to continue to support their partnership with the State in co-managing the Sanctuary;
- b. Members and staff from Hawaii's Congressional delegation also appear to continue to support the Sanctuary and the federal-state partnership.
- c. A meeting with NMFS Office of Protected Species was also quite productive and OPR staff expressed a desire to work more closely with DLNR and other local government and non-government groups on marine mammal and sea turtle conservation efforts.
- d. The new Manager of the new NOAA-NOS Pacific Services Center, based in Honolulu, expressed his hopes to work closely with DLNR and other State agencies in providing technical assistance on marine and coastal resources management activities.
- e. Discussions with the Director and board members of the National Marine Sanctuaries Foundation indicate that the foundation is up and running, and as a fund raising, "development" organization has the potential to help us generate funding which could be specifically earmarked and administered for our Sanctuary.
- f. State Office of Planning Director David Blane and CZM staff person Ann Ogata-Deal were active participants at several meetings and indicated their desire for OP and Hawaii's CZM Program to continue to work in close collaboration with the Sanctuary.

### Sanctuary Ocean Count

State and federal staff have continued with follow-up work on this year's very successful Sanctuary Ocean Count, held on February 24. Info about the count can be viewed at the Sanctuary's web site (<http://www.hihwnms.nos.noaa.gov>). A draft web page highlighting the count on the Big Island is available for public review at: <http://www.lava.net/~jwalters/BIOC.htm>

### Public Education and Outreach

Liza Simon collaborated with other Sanctuary staff on several activities related to this year's Kauai Family Ocean Fair held on March 24. An article (attached) by Liza about the fair just appeared in the April issue of *NOAA Report*. Liza also worked at the Sanctuary's booth during the Keiki Fest on Oahu, on April 21-22. Several new articles (sample attached) prepared by Liza are being published on the Sanctuary's web site (<http://www.hihwnms.nos.noaa.gov>). Liza also continues to work on the design and copy

for a new Sanctuary newsletter. We expect the first issue of the newsletter to be ready by the end of summer. Liza also participated in the education subcommittee retreat/meeting on April 17 – 18, and assisted in preparing the brochure for the new lecture series to be held at the Sanctuary headquarters on Maui. Currently, Liza is busy preparing the first draft of the “State of the Sanctuary Report,” which will provide an overview of the Sanctuary’s accomplishments to date and will be released in conjunction with the revised management plan.

#### Administrative Matters

The current contract between NOAA and DLNR is being modified to include certain projects and activities identified for State implementation in the Sanctuary’s FY 01 annual operating plan, and to extend the date of contract expiration. An entirely new contract to continue the funding arrangement after the current contract expires will be developed over the next several months.

#### Other Activities

- 2) Jeff served as acting chair during March 8 meeting of the WESPAC Coral Reef Ecosystem Fisheries Management Plan Team, presented meeting summary at WESPAC meeting on March 13, and attended subsequent plan team meeting on April 11 and 12.
- 3) Liza and Jeff attended Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve meeting on April 5.
- 4) Liza and Jeff attended DLNR-DAR staff meeting on April 26. A major topic of the meeting was the State’s role in the new NWHI reserve. Jeff was “volunteered” to sit on a DLNR-DAR working group regarding the reserve.
- 5) Jeff accompanied Naomi McIntosh during meeting on April 30 with Navy representatives regarding the management plan review and revision.
- 6) Jeff attended a DLNR / DOH training on oiled wildlife response on May 8 and 9.

cc: Gilbert S. Coloma-Agaran, DLNR Chairperson  
William S. Devick, DLNR-DAR Administrator

## **ATTACHMENT 3**

### **SAC RESEARCH SUBCOMMITTEE MEETING**

#### **Management Plan Review**

April 26, 2001

State Office Tower

235 S. Beretania Street, 6<sup>th</sup> Floor

Honolulu, Hawai`I 96816

#### ***Meeting Summary***

##### **Attendance**

SAC Members: Bill Friedl, Walter Haas, June Harrigan, Lou Herman, Cindy Knapman, Paul Nachtigall, Dick Poirier.

Sanctuary Staff: Chris Brammer, Claire Cappelle, Kellie Cheung, Naomi McIntosh, Jeff Walters.

##### **Introduction**

Jeff Walters welcomed the group and reviewed the day's agenda. He then discussed the research projects that the sanctuary has been involved to date. These include:

1. Sub-surface behaviors (PI: Jim Darling)
2. Acoustic feasibility study re. Population (PI: Whitlow Au)
3. Residence times (PI: Louis Herman & Adam Pack)
4. Population estimate (PI: Joseph Mobley)

##### **Management Plan Review**

Naomi McIntosh provided an overview of the management plan review process for the Hawai`i Sanctuary and distributed handouts on the NMSS management plan revision. Dr. Walters then went over the activity planning process that would take place at this meeting.

##### **Research Subcommittee Activity Planning**

The following are activities that were identified by the research subcommittee for selected parts of the draft revised management plan for the Hawai`i sanctuary.



**GOAL 2: PROMOTE AND COORDINATE RESEARCH TO ENHANCE THE UNDERSTANDING OF HUMPBACK WHALES AND THEIR HABITAT, AND TO IMPROVE MANAGEMENT DECISION-MAKING.**

*Objective 2.1: Research Development*

**Background**

Currently, consistent, long-term baseline information required to accurately assess and monitor human impacts on humpback whales and their habitat is insufficient. This information is required to ensure effective implementation of management strategies to protect the humpback whale and its habitat and to differentiate between natural and anthropogenic impacts.

**Target(s)**

By FY\_\_ the Sanctuary will have initiated a detailed research and ecological monitoring program that characterizes the central North Pacific stock and its habitat in Hawaii. The program will improve the knowledge of the humpback whale's vital life rates (age at sexual maturity, pregnancy rates, variability in reproductive success, calving intervals, age-specific mortality and survivorship rates, longevity), abundance, distribution, movement, behavior and interrelationships with its Hawaiian habitat.

**Strategy 2.1.1** Characterize and monitor the central North Pacific stock of humpback whales.

**Activities**

1. Continue to monitor the abundance of the whales throughout the main Hawaiian Islands. Determine and compare the abundance for the various islands and sub-habitats.
2. Determine the characteristics of the migratory parade of whales into Hawaii to include temporal and spatial characteristics. Examine the demographics of the various habitats to determine how the population characteristics vary with habitat.
3. Determine the movement of individuals through the Hawaiian Islands. Determine how movement is affected by age, sex, or reproductive state.
4. Determine average residency duration of whales as a function of age, sex, and reproductive state and how residency may vary across sub-habitats.
5. Determine the frequency and function of selected behaviors and the social and environmental contexts in which they occur (e.g., singing, surface active behaviors)
6. Determine calf and adult mortality rates. Determine calving intervals.
7. Determine characteristics and functions of social groupings (e.g., competitive groups, dyads, mother-calf-escort groups).
8. Continue long-term monitoring to identify and trace individual whales to determine life history and longevity.
9. Examine acoustic communication including "singing" social sounds and mother-calf vocal exchanges.

**Strategy 2.1.2** Characterize and monitor the habitat of humpback whales and other natural and anthropogenic factors affecting the whales and their habitat.

**Activities**

1. Examine new techniques to determine what humpback whales hear.
2. Monitor the effects of increased ship and ferry activity on the behavior of humpback whales.
3. Determine new techniques to detect whales in front of ships and ferry.

***Objective 2.2: Research Implementation and Administration***

**Background**

Sanctuary is in the process of identifying research needs and does not have sufficient research data and money to implement all research needs and programs.

**Target(s)**

By FY05, the sanctuary will have clearly identified current research needs and prioritized them according to ranking system for funding. The sanctuary will have obtained additional research funding.

**Strategy 2.2.1** Conduct ongoing project evaluation and management review to regularly update research needs and priorities.

**Activities**

1. Hire Research Coordinator. Responsibilities include: writing RFPs, advertising RFPs, establishing a schedule for the funding process, establishing a policy to prevent and resolve conflicts of interest, initiating a peer review process (which includes select SAC members), sorting through results of review process, providing recommendation to the manager, and drafting/monitoring contracts.
2. Role of SAC is to help identify research priorities. SAC will be briefed on these selections. Research Coordinator will work closely with the SAC Research Subcommittee.

**Strategy 2.2.2** Establish administrative procedures for identifying, selecting, and funding/managing research projects.

**Activities**

1. SAC Research Subcommittee receives annual reports from the Research Coordinator. The subcommittee then recommends to the SAC, any research updates needed for the subsequent research year.

### ***Objective 2.3: Research Communication and Information Management***

#### **Background**

Current communication and cooperation among the research community and resource managers does not promote the sharing of critical information that will enable better management and understanding of the humpback whale and its habitat.

#### **Target(s)**

By FY\_\_, the sanctuary will have established a communication mechanism that ensures agency/academia/NGO/general public participation and information sharing on an annual basis. Information from these meetings will be made readily accessible through the website, publications, library depositories, GIS and other information management systems.

**Strategy 2.3.1** Facilitate communication and cooperation among researchers, and between researchers and decision-makers.

#### **Activities**

1. General website to make research results available and to identify ongoing projects.
2. Regular printed reports summarizing latest research (acknowledging sanctuary funding)
3. Workshops and seminars bringing together researchers, sanctuary administrators, agency representatives, educators and the public.
4. Develop/revise MOU between the sanctuary and NMFS to ensure that the respective roles are understood regarding research responsibilities.

**Strategy 2.3.2** Provide appropriate analysis, interpretation and access to research results through library depositories, GIS, and other information management systems.

#### **Activities**

1. Continue and increase existing programs (including website)
2. Develop newsletter which would include technical aspects of research.
3. Get sanctuary activities covered by public access television.

### **Sanctuary Research Priorities**

Following discussion on the management plan, the subcommittee was asked to identify and prioritize 3 research activities for FY02. Below is the list of ideas, in order of the number of votes:

1. Determine demographics of populations in various island habitats (4 votes)
2. Examine boat/whale interactions; determine way to lower possible vessel collisions with whales (4 votes)
3. Population abundance and distribution (3 votes)
4. Follow arrival, movement, and departure of a specified number of whales (3 votes)
5. Examine acoustics and their function (3 votes)
6. Abundance (digitized whale fluke database) (2 votes)
7. Examine “migratory parade” and social behavior (2 votes)
8. Distribution (find calving areas around Kaua`i) (1 vote)
9. Vital life rates (1 vote)
10. Workshop/symposium on ship strikes (1 vote)
11. Determine characteristics and functions of different social groupings (1 vote)

## **ATTACHMENT 4**

### **SAC Education Subcommittee Retreat**

**April 17-18, 2001**

*Maui Sanctuary Site*

*726 S. Kihei Road*

*Kihei, Hawai`i 96753*

#### **Meeting Summary**

The Education Subcommittee participated in a very productive 2-day retreat at the Sanctuary Office in Maui. The group worked on two different projects. One was the Maui Education/Visitor Center. Special facilities monies have been appropriated for renovation of the building and creating new exhibits. Claire Cappelle provided a brief overhead presentation on the visitor center ideas proposed by NMSS headquarters, the yearly and monthly visitors to the visitor center. The Ed group spent the first day evaluating the center, going over the proposed plans and brainstorming ideas for renovation. Work should begin on this project by Summer 2001.

The second project was the revision of the Sanctuary Management Plan. The group was assigned the task of defining strategies and developing activities for implementation of the strategies. This is just in the working stages and will go through several more revisions.

#### **Attendance**

SAC Members: Athline Clark, Walter Haas, Bill Lennan, Patty Miller, Dick Poirier, Glenn Soma, Mike Stanton.

Sanctuary Staff: Chris Brammer, Claire Cappelle, Carol Carey, Kellie Cheung, Naomi McIntosh, Liza Simon, Jean Souza, Jeff Walters.

**TUESDAY, APRIL 17, 2001**

#### **Maui Facilities**

Ms. Cappelle provided the welcome and introduction for the first day of the meeting. Following a brief agenda overview, she conducted a tour of the Maui site and the education center. SAC members were encouraged to discuss and brainstorm future improvements to the facilities.

### **Sanctuary Education Overview**

Jean Souza conducted a slide show presentation on the sanctuary's education efforts to date. The group was encouraged to think about current education activities as they were brainstorming both the renovation of the Maui site and working on the Management plan. Bill Lennan emphasized the need to identify the goals and target audiences before we move forward to discuss ideas and priorities. Ms. Cappelle responded that they get approximately 70% tourists and 30% student groups (majority of groups below fourth grade) visiting the site. Claire also shared the facilities master plan for the entire Maui site (which is currently on hold), and the discussed possibility of getting displays and artifacts from the Hale Kohola Museum to use at the Sanctuary.

### **Sunset Social**

Following the meeting, SAC members were shuttled to the Maui Ocean Center for an after hours tour of the facilities and light pupus.

## **WEDNESDAY, APRIL 18, 2001**

### **Management Plan Introduction**

Naomi McIntosh reviewed the management plan review process for Hawai`i as well as the National Marine Sanctuary System. She noted that half of the system will soon be involved in the management plan process. She then distributed a few handouts on Hawai'i's process.

Liza Simon is currently in the process of writing the State of the Sanctuary Report which highlights what the Hawai`i sanctuary has and hasn't accomplished. Expected release of this report will coincide with the completion of the draft management plan in July 2001.

Ms. Miller passed out copies of the draft plan to date, identified the goals and strategies that the group will be focusing on, and went over the how the group would conduct the day's planning activities. A portion of the NWHI Operating Plan was also distributed as a sample.

The group broke out into smaller working groups to brainstorm activities for selected management plan strategies. Following lunch, the group reconvened to discuss the working groups' ideas. During this time, the group identified objectives that should be added to the plan as well as some of the perceived problems with the management plan review process.

Ms. McIntosh announced that once all of the strategies are compiled, the information will be sent to Liz Moore in headquarters where she will create a draft management plan. The process should take approximately 2 weeks once she gets all of the information.

### **Strategy & Activity Planning**

The following is a list of activities that were developed through the management plan review brainstorming process. It encompasses education issues/needs identified by the subcommittee. You will notice that this is a "work in progress" as not all of the activities have been worked out.

#### **STRATEGY 7A**

Title: Develop and implement an interpretive plan  
Description: An interpretive plan identifies the themes, target audiences, and implementation mechanisms for effective use of sanctuary education resources  
Authors: Walter Haas, Bill Lennan, Joylynn Olivera, Jean Souza

#### ***Activity 1: Identify cultural resources in/adjacent to sanctuary***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

#### ***Activity 2: Conduct an assessment of the interpretive facilities, resources and opportunities***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

#### ***Activity 3: Do the plan, identify the needs opportunities***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

#### ***Activity 4: Develop products for target audiences***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

#### ***Activity 5: Create multilingual products***

Location: Statewide

Timeline: Now  
Cost:  
Who: Staff with training  
Performance Measures:

### **STRATEGY 8A.1**

Title: Conduct a study to establish a baseline level of violations  
Description: Access state and federal records to establish baseline  
Authors: Glenn Soma, Mike Stanton, Jeff Walters

#### ***Activity 1:***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

### **STRATEGY 8A.2**

Title: Develop strategies to reduce violations  
Description: Compile baseline information and whale approach regulations into brochure  
Authors: Glenn Soma, Mike Stanton, Jeff Walters

#### ***Activity 1:***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

### **STRATEGY 8A.3**

Title: Expand target for Ocean Users Workshop  
Description: Add commercial boaters and kayak renters. Workshop to include sanctuary training and certification program.  
Authors: Glenn Soma, Mike Stanton, Jeff Walters

#### ***Activity 1:***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:



### **STRATEGY 9B.1**

Title: Develop a volunteer action plan  
Description: A volunteer action plan that increases volunteer participation and sanctuary events.  
Authors: Claire Cappelle, Dick Poirier, Liza Simon

#### ***Activity 1: Develop the plan. Includes recruitment, training and recognition***

Location: statewide  
Timeline: FY07  
Cost: staff time, printing  
Who: staff  
Performance Measures: # of volunteers at events, # of responses/feedback of volunteers

### **STRATEGY 10A.1**

Title: Develop an Education Plan  
Authors: Patty Miller, Athline Clark, Chris Brammer, Kellie Cheung  
Description: The sanctuary currently has numerous education/outreach projects in which it participates. However, there is no cohesive, long-range approach being implemented for statewide outreach and education. This plan seeks to develop this comprehensive approach.

#### ***Activity 1: Survey/assess education plans from similar groups to identify a template/framework and find similar components that have been effective***

Location: Nationwide  
Timeline: Months 1-3  
Cost:  
Who:  
Performance Measures:

#### ***Activity 2: Identify audiences and appropriate messages for each audience (generic/universal messages/specific messages for targeted audiences)***

Location: Statewide/nationwide  
Timeline: Months 1-3  
Cost:  
Who:  
Performance Measures:

#### ***Activity 3: Review results of previous market studies and creative campaigns on environmental education to identify effective sources and market messages for information distribution.***

Location: Nationwide  
Timeline: Months 1-3  
Cost:  
Who:

Performance Measures:

***Activity 4: Identify existing partners and programs that are delivering similar messages (look at options for partnering/identify gaps in existing messages)***

Location: Statewide

Timeline: Months 3-6

Cost:

Who:

Performance Measures:

***Activity 5: Identify/develop tools/methods to be used with each audience***

Location: Statewide

Timeline: Months 3-6

Cost:

Who:

Performance Measures:

***Activity 6: Identify and implement effective methods for information dissemination (teacher & volunteer training)***

Location: Statewide/nationwide

Timelline: Months 6-9 and on-going

Cost:

Who:

Performance Measures:

***Activity 7: Write draft sanctuary education plan, go through review process, produce/print final draft***

Location: Statewide

Timeline: Months 6-9

Cost: One time cost of \$10,000 - \$50,000

Who: Staff, SAC & education partners

Performance Measures:

### **STRATEGY 10A.3**

Title: Develop education teaching tools to be used for specific audiences

Authors: Chris Brammer, Kellie Cheung, Athline Clark, Patty Miller

Description: Tools/products/programs will be developed based on components identified in the Education Plan.

***Activity 1: Process RFPs for the production of tools and programs identified in the education/outreach plan.***

Location: Anywhere

Timeline: On-going

Cost: Annual O&M of \$50,000 - \$100,000

Who: Staff, SAC, partners

Performance Measures:

### **STRATEGY 10A.2**

Title: Pursue grant opportunities for funding unique education/outreach projects unable to be funded by sanctuary funds

Authors: Chris Brammer, Kellie Cheung, Athline Clark, Patty Miller

Description: Often programs that do not fit in with the "normal" education and outreach parameters (e.g. Hawaiian cultural activities, videos, and the like) need to be funded.

*Activity 1: Identify unique projects that may not be funded by federal dollars and identify possible grant opportunities for funding.*

Location:

Timeline:

Cost: No upfront costs (would be paid from grant monies). One time cost less than \$10,000.

Who:

Performance Measures:

*Activity 2: Write the grants and submit them.*

Location:

Timeline:

Cost: No upfront costs ? would be paid from grant monies. One time cost less than \$10,000.

Who: Staff

Performance Measures:

### **STRATEGY 10A.4**

Title: Develop intern program for high school and college interns

Authors: Claire Cappelle, Dick Poirier, Liza Simon

Description: Student structured intern activities at sanctuary offices

*Activity 1: Develop an intern program*

Location: Statewide

Timeline: FY03

Cost: 10K

Who: Staff, participating learning institutes

Performance Measures: # of interns

### **STRATEGY 10B.1**

Title: Researchers funded by the sanctuary will participate in sanctuary education events

Authors: Claire Cappelle, Dick Poirier, Liza Simon

Description: Researchers have high profile in sanctuary events

**Activity 1: Free lectures**

Location: Statewide

Timeline: Ongoing

Cost: Under 10K (for travel)

Who: Staff

Performance Measures: # of researchers participating in sanctuary events

**Activity 2: Resource person**

Location: Statewide

Timeline: Ongoing

Cost: Under 10K (for travel)

Who: Staff

Performance Measures: # of researchers participating in sanctuary events

**STRATEGY 10B.2**

Title: Develop an ongoing training certification program for boat operators

Authors: Glenn Soma, Mike Stanton, Jeff Walters

Description: Covered by 8A.3 (expand target for Ocean Users Workshops)

**Activity 1:**

Location:

Timeline:

Cost:

Who:

Performance Measures:

**STRATEGY 14A**

Title: Conduct and facilitate native Hawaiian happenings

Authors: Walter Haas, Bill Lennan, Joylynn Olivera, Jean Souza

Description:

***Activity 1: Work with native Hawaiian educators to develop learning segments to be used in all schools***

Location:

Timeline:

Cost:

Who:

Performance Measures:

***Activity 2: Find myths/legends that have meaning to humpback whales and/or promotes ocean stewardship***

Location:

Timeline:

Cost:  
Who:  
Performance Measures:

***Activity 3: Create a list of prior studies on native Hawaiian customary and traditional uses of the environment***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

***Activity 4: Establish a kupuna advisory group on each island***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

***Activity 5: Reconfirm/validate the ahupuaa boundaries within the sanctuary and document the significance and traditional ahupuaa process***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

***Activity 6: Identifying problems native Hawaiians are facing in the sanctuary and whether the sanctuary may be able to help them***

Location:  
Timeline:  
Cost:  
Who:  
Performance Measures:

**Sanctuary Education Priorities for FY02**

Prior to the close of the meeting, participants were asked to come up with 3 education projects that they consider to be a priority for funding in the next fiscal year. Below is a list of these ideas, in no particular order.

- Maui Education Center
- Develop a new tool
- Define what the Sanctuary really is
- Specify what the Sanctuary actually provides on behalf of the marine environment

- Identify how and why people can contribute to the performance and improvement of the Sanctuary
- Statewide Lecture Series
- Sanctuary Bulletin/Newsletter
- Get teacher training assistance to meet curriculum standards
- Hold an annual statewide whale week
- Conceptualize the Sanctuary's signature exhibit (permanent, somewhere with traffic)
- Conceptualize the Sanctuary's signature event (statewide)
- Finalize plans for Maui Education Center
- Develop a campaign to create awareness of the Sanctuary
- Identify target audiences
- Prioritize target audiences
- Identify training (education) techniques to be successful for priority audiences
- Create a whale approach regulations brochure (pass out to boaters through DLNR DOBAR registration and various kayak rental companies)
- Develop a humpback whale educational module (eg, teacher kits for all grade levels)
- Educational informational posters (pictures on 1 side, facts on the other)

The highest ranking ideas were:

- 1. Develop a campaign to create awareness of the Sanctuary**
- 2. Develop a humpback whale educational module (eg, teacher kits for all grade levels)**
- 3. Maui Education Center**
- 4. Conceptualize the Sanctuary's signature event (statewide)**

## ATTACHMENT 5

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### Hawaiian Islands Humpback Whale National Marine Sanctuary Conservation Subcommittee Report

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10 May 2001

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Prepared by Eric Gilman, National Audubon Society

The Conservation Subcommittee did not meet since the previous March 2001 SAC meeting.

#### ITEMS FOR SAC ACTION

1. **Resolution to support designation of NWHI Coral Reef Ecosystem Reserve:** A revised resolution has been prepared, and is to be considered by the SAC under Agenda item VII.
2. **Resolution to endorse creation of a South Pacific Pacific Whale Sanctuary:** The Conservation Subcommittee requests that the SAC consider passing a resolution to express support for the creation of a South Pacific Whale Sanctuary, to be directed to the International Whaling Commission.

#### UPDATES

1. **Threat assessment and Sanctuary regulations and management plan review:** At the Conservation Subcommittee meeting held on 13 December 2000, the Sanctuary Co-Managers agreed to have the subcommittee review and if necessary, recommend improvements to the Sanctuary's regulations as part of the Management Plan review process. Mike Tosatto volunteered to coordinate conducting an assessment of threats to humpback whales in Sanctuary waters to provide a framework to identify needed changes in the Sanctuary regulations and management plan. Mike has developed a template threat information sheet, and compiled a list of threats.
2. **Collisions between whales and boats:** At the March 2001 meeting, the Conservation Subcommittee requested that the SAC consider alternatives to address the increasing threat to whales from collisions with vessels. The SAC agreed to consider convening a workshop on collisions between ships and whales. Naomi has produced a draft workshop project proposal and budget for the planned workshop.
3. **CO<sub>2</sub> sequestration:** The Hawaii House and Senate passed Resolution HCR 64 HD1 SD1 regarding the proposed CO<sub>2</sub> sequestration experiment. The Resolution can be accessed at [www.capitol.hawaii.gov/sessioncurrent/bills/hcr64\\_sd1.htm](http://www.capitol.hawaii.gov/sessioncurrent/bills/hcr64_sd1.htm). Isaac has provided Kellie with the original draft Resolution that was raised at the last SAC meeting (a page was missing from the draft), Gerald Nihous' rebuttal of the draft Resolution, and Isaac's counter-rebuttal of Nihous' comments.

## ATTACHMENT 6

### O`AHU EVENTS REPORT

10 May 2001

- Hawaiian Maritime Industry Day, March 1, 2001, Hawaii Convention Center  
Summary: Hawaiian Maritime Industry Day 2001 was a full day conference with 40 breakout sessions. Presenters came from a variety of companies and agencies and provided diverse viewpoints on various maritime issues. The Sanctuary had a single table display with various Sanctuary information and handouts.

The Sanctuary also sponsored a presentation by Marc Lammers entitled *Whales and Ferry's, "Can they get along?"* Marc Lammers is a Ph.D candidate from the University of Hawaii. He presented findings from his scientific investigations from the west shore area of Oahu. His conclusions about potential ferryboat interactions with whales relate to Hawaiian waters, in general. The report provides four specific recommendations to minimize the chance of ships striking whales in the study area.

- Atlantis Adventures Great Keiki & Teen Fest, April 21 & 22, 2001, Ala Moana Beach Park. This was the tenth annual Keiki Fest. The event was focused on families and included many activities for children and teens. Overall, this year's very successful "Keiki Day" attracted over 7,000 people.

The Sanctuary had a large area in the Earth Day pavilion that included two large tables with various activities and a grassy area with space to play our fluke identification beanbag game. Our table was very busy throughout both days. We offered children a variety of activities including whale hat assembly, marine critter creation, marine sanctuary design, coloring, and whale puppets making. By the end of the weekend, we had expended nearly all of our supplies. Our booth provided brochures, various species fact cards, and a sign up sheet for information on the Sanctuary or the SAC.

- Chris Brammer attended PAGIS TRAINING 2001 at the Coastal Services Center Charleston, South Carolina, February 26 - March 3, 2001. Her summary follows.

PAGIS training was very beneficial for all participants. I enjoyed my trip and I learned many different things about GIS that will be useful for future Sanctuary projects. There are many different ways that GIS can be incorporated into work that the sanctuary is already doing and this class allowed me to learn first hand the possibilities and potential of GIS. The PAGIS software could be useful for many Sanctuary projects such as the Ocean Count. It could also be used to examine Sanctuary boundaries in relation to many other geographical features such as 'ahapua'a's, aquaculture areas, specific locations of humpback whale sightings, specific habitats such as coral reef, boat traffic, oil or fuel spills, etc. I hope to continue to learn about GIS by taking classes locally to increase my knowledge of GIS as well as to increase my ability to use Arc View. This class also provided an opportunity for me to meet people from the Coastal Services Center and other sanctuaries who could play an important role in the Sanctuary's future use of GIS.



➤ Marine Mammal Science at the Office of Naval Research. On 5 April, I met with Dr. Robert Gisiner, Marine Mammal Program Officer at the Office of Naval Research in Arlington, VA. We discussed the ONR marine mammal monitoring programs and the feasibility of acoustic monitoring of marine mammals in Sanctuary waters off the Big Island. Dr. Gisiner also provided brochures on Marine Mammal Science at ONR. I distributed the brochures at the SAC Research Committee meeting in April.

FYI. On April 11<sup>th</sup>, the Greater Mid-Pacific Branch Office of the Office of Naval Research officially opened at the Makalapa Compound of the Commander in Chief, U. S. Pacific Fleet. The ceremony included comments by G. Jensen, Head of the ONR Mid-Pacific Branch Office, RAdm Jay Cohen, USN, Chief of Naval Research, and U. S. Senator Daniel K. Inouye. The maile ribbon ceremony opening the office was conducted by Senator Inouye, Admiral Thomas Fargo, USN, CINCPACFLT, RAdm Jay Cohen, USN, CNR, BGen William Catto, USMC, Vice CNR, and Ms. Mun Fenton, Branch Office Technical Director. Kahu Kamaki Kanahele blessed the facility.

➤ SAC Duties. On April 26<sup>th</sup>, I attended the SAC Research subcommittee meeting in Honolulu. We discussed the FY02 Sanctuary Research Plan and produced a draft plan for the Sanctuary Management Plan.

Bill Friedl  
Honolulu County Representative