

100th Meridian—Columbia Basin Group
Pacific States Marine Fisheries Commission
Portland, Oregon
July 27, 2004

In Attendance:

Amy Gaskill, USFWS	Pam Meacham, WDFW
Bill Monroe, <i>The Oregonian</i>	Paul Heimowitz, USFWS
Bill Zook, PSMFC	Randy Henry, OSMB
Cidney Howard, ODFW	Robin Draheim Waldeck, PSU
Jim Irish, BPA	Stephen Phillips, PSMFC
Fred Partridge, IDFG	Steven Wells, PSU
Jim Athearn, COE	Erin Williams, USFWS
Joan Cabreza, EPA	Carol Hewes, USACE
Kathy Shimojima, PSMFC	Samuel Chan, OR Sea Grant
Kevin Aitkin, USFWS	Jen Stone USFWS
Mark Sytsma, PSU	Tim Darland, COE
Mary Pfauth, PSU	Andy Thoms, BPA

Introduction - At 9:00 a.m. introductions were made around the room before the group began on the agenda.

The meeting minutes from the April 7, 2004 meeting were approved.

Outreach (PSA) - Discussion began on the Clark and Lewis audio PSA that was distributed in the past two months. The PSMFC sent out the announcement to 249 stations in 20 states. Bill Zook said he polled the stations as to whether they played the messages. Of the 10 stations he talked to, 2 played the spot. Twenty stations did not return his phone call. Bill emphasized the need to make personal contacts with the stations to increase our chances of getting it played. Bill will do further follow up with these stations.

Robyn suggested that stations sometimes like to read the PSA instead of playing the audio. Paul said that if we had a 2/10 rate then that's 50 stations, which is pretty good. There was discussion about paying for airtime and hiring a PR firm to market spots. Randy Henry said that the marine board paid \$4000 to get their boater safety spots played on radio and they got good play. They used a PR firm.

Amy Gaskill said that the USFWS sent the audio PSA to 9000 media outlets in the PNW and SW US. She said Jane Corsi of the USFWS will survey stations as to how many played the spot.

Jim Irish said maybe we could get a champion for the spot like Brian Baird.

Sam said that he will look into getting the spots played with the Public Research Channel (Oregon State University, University of Washington, etc.)

Stephen said that the PSMFC will be setting up a CRB ANS list serve to group communications.

Traveler Information Systems - Bill informed the group that we are ready to begin receiving applications for TIS units in for the CRB. Traffic counts, signage, longevity beyond Lewis and Clark, geography, evaluation, and messages were discussed. Bill said he would review the TIS selection process and get back to the group with help form Erin.

Randy Henry said that the marine board TIS is being redone. It will include many messages including the Clark and Lewis spot. Randy said he will research the list of existing TIS units in Oregon and then we need to shop our message for possible air time.

Bill talked about the marina partnership campaign in the Columbia River Basin. A draft marina report is available and can be found at <http://www.psmfc.org/ans/ColumbiaBasinMarinaConcessionList.pdf>. Bill thanks Pam and Randy Henry for marina contact information. Bill found that the CRB marinas operators were much more aware of ANS issues than their Missouri River counterparts. Financially, the Columbia marinas appear to be more solvent than the Missouri River operations. Bill said there were 143- marinas. We need to do a follow up mailing (See Tasks section at end of minutes), marina poster, etc. to the marinas. Maybe give cooperator's plaque and media kudos. Marinas also need to receive updates and reminders - like "zebra mussel news."

Wash Stations - Discussion then turned to boat washing and the difficulties in permitting wash stations. It is easier and cheaper to send boats to existing car washes.

Robyn and Randy volunteered to develop a boat wash poster for marinas. This needs to be ready by April 1, 2004.

Blaine and Tim will provide Bill with boat access information in their respective jurisdiction. Amy and Paul will draft a 1-page fact sheet to be included in the Fall marina mailing.

Pam said that WDFW did a boater survey that showed 80 % wash their boats. Thirty percent would support a fee for a state ANS program.

Paul said there is an interagency Lewis and Clark Brochure that has ANS info.

Sampling/Monitoring - Robyn and Mary reported on the substrate program. 128 substrate samplers have been sent out this year. They are developing a substrate brochure and they are considering a substrate newsletter.

There was discussion about the Kansas (El Dorado Reservoir) and Missouri River zebra mussel findings. Jim Athearn said that while in the past he was not a fan of veliger sampling, since this is how they were discovered in the Missouri, it might be a useful tool. Pam said WDFW has been sampling various locations in Washington. Mark said there is software that recognizes veligers and may be worth investigating.

Tim said that he hopes to conduct veliger sampling in the lower Columbia River and will work with Pam who indicated that their veliger monitoring is continuing.

Paul reported that a conference call on zebra mussel monitoring efforts took place with David Britton, Kevin Anderson, Mary Pfauth and Erin Williams. The plan is to have all the monitoring effort linked at the 100th Meridian Website. It is expected that this will be done in the next few months.

Robyn talked about mudsnails and the need to have equipment bone dry for 24 hours or really clean and Clorox and boiling water. Robyn is going to send out best management practices (mudsnails) to field crews. Erin said that Clorox is not as effective in killing mud snails as we once thought.

Robyn discussed the sign database and data input in to the database that is in access.

Pam said there was an unconfirmed report of a green crab in northern Puget Sound.

Atlantic Salmon Surveys - this year they have found only one Atlantic salmon juvenile at Scatter Creek. WDFW is not inspecting the hatchery, but it appears they have addressed the escape issue. Tribal gill netters reportedly caught an Atlantic salmon on the Columbia River.

Lewis and Clark - Priorities for funding for Lewis and Clark activities (from the USFWS) were discussed. Priorities are as follows: signs \$8-\$10k, substrate brochure \$5-\$6k, TIS \$30k, marina partnerships \$5k, sport shows \$5k, and zebra mussel cards \$5k. PSMFC will once again receive the funding and coordinate the program. PSMFC's Bill Zook is the lead on this.

Ballast Water - Pam said she just hired a ballast water inspector. They will try to get this person down to the Columbia at least once a month.

Mark said that PSU continues research on a ballast water exchange verification study. They are also about to begin a hull fouling study. Ian Davidson (Ireland) has been hired to do this. PSU's Monica Noble is doing ballast water sampling in cooperation with SERC (Ruiz) on bulk carriers. PSMFC and PSU will be undertaking a ballast water database project for the West Coast that will coordinate ballast water data entry with SERC (Ruiz). The pilot program will begin this Summer PSU's Kirsten Flynn will staff the project.

Paul also said that the USFWS funded ballast water research nearly completed in the lower Columbia River will be extended into the Middle Columbia River. PSMFC will administer the grant PSU will carry out this research.

Green Crabs - Mark and Erik are undertaking a green crab genetics study with EPA funding. Stephen said that PSMFC continues to fund green crab monitoring in Oregon (OSU) and California (UCAL Davis).

Other Outreach - Pam and Kevin attended a Federation of Fly Fishermen meeting and gave an ANS presentation.

Kevin said that maybe we should develop a CRB ANS plan that would be funded by the ANS Task Force.

Fred Partridge said that 1200 ANS signs have been sent out in Idaho. IDFG is working with the University of Idaho on mudsnail research. The nature conservancy has boot cleaning stations (mudsnail prevention). The state ANS plan has been put on hold. The Idaho Department of Agriculture, the lead on the plan, is short staffed right now. They are interviewing for a new person that would undertake invasive species duties.

Joan is educating EPA wetland scientists on ANS. She also said EPA is undertaking a genetic screening as a tool to determine ballast water exchange identification. The Henri Lee Pacific Coast ANS database is getting closer to release.

Randy Henry reported said the Oregon State Marine Board will be conducting a boater outreach. They are also looking into a boater survey.

Paul said that the USFWS will launch its outreach van September 16.

Blaine and Paul put on an ANS HAACP workshop.

An ANS display is up at Bonneville Dam and Tim said it is getting good use.

Next Meeting: November 30, 2004 in Portland at PSMFC.

Meeting Adjourned

Upcoming Events

- North American Lake Management Society meeting, November 3-5, Victoria, British Columbia. <http://www.nalms.org/symposia/victoria/>. Will include ANS session.
- **Third International Spartina Conference** November 8-10, San Francisco, California
info@spartina.org<http://www.spartina.org/2004conference/save-the-date/index.html>
- **Invasive Species: Their Ecological Impacts and Alternatives for Control**, April 19-20, 2005, Reno, Nevada. <http://www.astm.org/cgi-bin/SoftCart.exe/index.shtml?L+mystore+expl5647>

TASK LIST DEVELOPED AT JULY MEETING

PSA's

1. Bill will complete current survey of radio stations in the eastern US and combine those results with those found by Jane Corsi USFWS in the western US and prepare a report on the effectiveness of our efforts and recommend ways to improve receptiveness for future PSA campaigns.
2. Sam will contact OSU and UW research channels to explore opportunities for ANS outreach

TIS

1. Bill will revise TIS application form as per comments received and e-mail the revised version to Work Group members by July 30. **Work Group members will then have until October 1 to submit TIS proposals to Stephen.** Two to three TIS proposals will be funded in the CRB within the next year.
2. The selection process and criteria used to rank competing TIS proposals will be used as is in selecting TIS proposals for funding in the CRB
3. Randy will provide a list of all current TIS sites within the CRB from the FCC data base and provide that list and contact information to Bill Zook by October 1. Bill will distribute sites amongst Work Group members who will be responsible for making personal contacts with TIS owners to request time for the ANS message.

Partners

1. Bill will revise and complete the CRB Marina/Partners report by October 15
2. Tim will provide River Mile information for the report before October 1
3. Blaine will provide tribal access contact information before October 1
4. Stephen will put the final report on 100th Meridian web site and/or convert to pdf file when it is complete
5. The Work Group approved the set of recommendations from the report as the basis for implementation partnership program with marinas/businesses in the CRB
6. Robyn, Randy and Sam will develop a draft poster that will be posted at each outreach location giving directions to the nearest boat washing facility from that location. A draft of this poster will be mailed to Work Group members for review by September 1
7. Amy and Bill will develop a Newsletter to be sent to prospective partners and mail it sometime this Fall

Access Area Signs

1. The Work Group members will provide comments to Robyn on the Draft ANS sign for Oregon and the USACE by September 1
2. Cidney and Tim will provide Robyn with the number of signs that will be required for posting desired Access Areas by September 1

3. Stephen and Bill will provide a copy of the Access Area data base to Missouri River Work Group members along with a request for them to provide the necessary information to Robyn to input the data into a system that will be available to them use and maintain
4. Robyn will actively seek-out any available access area data from CRB agencies and input it into the database. She will require help from Work Group members to complete this task

ZM Monitoring

1. David and Paul will continue to solicit input on the monitoring database
2. Robyn will provide Work Group Members with a copy of the Draft recruiting brochure for the monitoring program when complete

Boater Surveys

1. Paul will ask David Britton for his "wish list" of northwest waters where additional boater survey data would be helpful in anticipation of funding some additional boater survey work in FY-05
2. Pam will provide current boater survey results from Washington to Work Group members and to the 100th Meridian data base

Rapid Response Planning

1. A RFP from the WRP will be out within the week soliciting bids to complete a rapid response plan for western states

Miscellaneous

1. Stephen will provide a CRB ANS 100th Meridian Lewis and Clark spending plan to the Work Group ASAP based on budget allocation discussions made at the meeting
2. Robyn will provide Work Group members with a copy of the HAACP analysis she and others completed for extended field work by investigators working in New Zealand mud snail infested areas
3. Stephen will work with printer regarding ordering ZM Watch Cards and other printing needs