

100<sup>th</sup> Meridian - Columbia River Basin Group  
Meeting - June 28, 2005  
Held at the offices of Pacific States Marine Fisheries Commission  
Portland, Oregon

**Attending:**

Stephen Phillips, PSMFC, Portland, OR (Chair)  
Kevin Aitkin, USFWS, Lacey, WA  
Heather Arbuckle, OSU Sea Grant Program Intern  
David Bergendorf, USFWS, Stockton, CA  
Joan Cabreza, EPA, Seattle, WA  
Sam Chan, OSU, Oregon City, OR  
Tim Darland, USCOE, Cascade Locks, OR  
Robyn Draheim, PSU, Portland, OR  
Kiirsten Flynn, WDFW, Olympia, WA  
Paul Heimowitz, USFWS, Portland, OR  
Pamala Meacham, WDFW, Olympia, WA  
Eileen Ryce, MFWP, Great Falls, MT  
Mark Sytsma, PSU/ESR, Portland, OR  
Andy Thoms, BPA, Portland, OR  
Danielle Warner, USFWS, Portland, OR  
Steven Wells, PSU/ESR, Portland, OR  
Bill Zook, PSMFC, Olympia, WA

**Comments & Approval of April Meeting Minutes:**

Minutes can be reviewed on the 100<sup>th</sup> Meridian website

**Individual Agency Updates:**

**Eileen Ryce -**

- Protect Your Water - 'Kick the Bucket' bumper stickers campaign, working with Walleyes Unlimited on this. Campaign outlined, enforcement on these issues being done
- Fort Peck reservoir level is up some due to rain
- Placing order with Prefix for self-contained boat wash. Gary Mont, Minnesota DNR may help in evaluation. Project will probably not be running this year.
- Boat Inspection program on-going (1) crew fly-fishing, (2) crews motorboats. Project seems to be going well. All data input to database by zip code.
- Angler Survey - Up to 90-95% awareness from 60% last year. Most surveyed said state agencies are where they receive their information from.
- NZMS - none west of divide - hatchery certification to start in August.

### **Robyn Draheim -**

- Aquatic Bio-Invasion Policy Institute met on ballast water testing standards.

### **Current projects:**

- Trash rack and veliger sampling on the Columbia
- Spartina survey up and down the coast. Cards coming in from as far away as Alaska. Map on line at:  
[http://www.clr.pdx.edu/projects/ans\\_research/spartina/images/All\\_sites\\_May4.pdf](http://www.clr.pdx.edu/projects/ans_research/spartina/images/All_sites_May4.pdf)
- Signs posted for Mitten Crab/Stop Aquatic Species throughout state.
- Answered mitten crab report. Not a mitten crab, however a good learning experience. Showed center the need to fine tune questions
- Pamala received the same call, group discussed various calls received.
- Erik Hanson recently completed risk assessment on mitten crabs and where they might colonize. He has also written a paper on *Gambusia*.

### **Mark Sytsma - Current projects:**

- Aquatic plant surveys - substrate program is ongoing
- Zebra mussel monitoring is being expanded into California

### **Pamala Meacham -**

- Introduced Kiirsten Flynn who will be working with ballast water issues, then cross train on commercial large boat inspects for ballast water.
- Executive committee has Rapid Response Plan almost ready to distribute. Have had a good response from the boating law community and the Marine Trade Association seems to be on board. Spoke with the USCG who would like to have an MOU (memorandum of understanding).
- Washington has passed a new law which adds \$3 to boat licensing (fees not available until 2006). WDFW will use their funds from this to hire an enforcement person who can ticket for weeds. Preference would be to have someone from state patrol who will do ANS only.

### **Sam Chan -**

- School curriculum and spreading ANS.  
Schools in Oregon have been receiving rusty crayfish for science curriculum. Concern is how are schools disposing of them when finished with projects. Sam's office has developed a poster showing problems and strategies for disposal. Sam's group has also developed a fact sheet for distribution to schools. These items have helped introduce AIS information into classrooms. Bill asked who develops the classroom curriculum. It is developed by UC Berkley. Other problems noted are use of hydrilla in science kits. The plants are used for habitat creation to show social and feeding behavior. Robin stated that New Zealand mudsnails need a waiver for this type of project; however this has not translated to all ANS species. PSU is attempting to move ANS into school curriculums and substitute another non-invasive species for these types of projects.
- Hand out 'Your classroom may be harboring Aquatic Invasive Species!' - developed by Danielle, May 2005

- NZMS - ODFW/USFS have completed a brochure

**Joan Cabreza -**

General NPDES (national pollutant discharge elimination system) permits discussed. EPA is asking states about this. ETV (environmental technology verification) program gearing up for ballast water testing protocols.

- Requesting AMI funds for genetic screening tool - green crab and spartina.
- Grant to Alaska to start ANS council - they applied to National Geographic for the funds.
- Training video funds still pending
- Mid-July there will be an EPA Economics conference in DC, on invasive species
- Wetlands and Gardener ANS awareness - working on a list of plants to avoid
- Joan indicated that a Grant for \$10,000 requested by PSMFC to produce a training video based on the WIT program was expected to be approved within weeks
- Robyn is working on a NW water plants brochure will include Joan in any mailings.

**Kevin Aitkin -**

- Spoke to fly fishing group with Pamala Meacham
- Washington State exotic species list is being developed. USGS will do mapping for this. Nancy Elder, USGS, is now on the Washington ANS executive committee.
- Received false mitten crab report from divers - Individual had seen mitten crab information card at dive shop.

**Paul Heimowitz -**

- Lewis and Clark Outreach van is done. Went to Tualatin Songbird Festival. Will attend Lewis and Clark festivals and will carry ANS information.
- Danielle's rotation is ending so she is spending most of her time on the HACCP.
- Doing pet store outreach (large chain stores and independents) collecting date and asking how we provide alternatives/repositories for the public to 'turn in' unwanted fish.
- Mid-Columbia survey - ongoing - moving on to sampling phase. USGS will assist, shoreside sampling to begin early July.

**Tim Darland -**

- Illinois company was awarded dredging contract for Columbia. The barge they are using has been stationed in Astoria for over a year.
- Some equipment to Coos Bay from Louisiana, equipment had been dry docked for four months, and then pressure washed.

Group discussed how we deal with hull fouling. The Corps is working hull fouling protocol (cleaning) to ensure it is covered in contracts.

**David Bergendorf -**

- Mitten crab, salmon predation egg study available
- Zap the Zebra - new brochure completed
- Caulerpa draft management plan being worked on
- Website in process

### **Bill Zook -**

- Completed tour of CRB marinas - June. Delivered outreach material, posters and banners.

### **Stephen Phillips**

- PSMFC will soon unveil its new website which will include a new ANS website
- Stephen handed out a draft document "Environmental Impacts of Marine Aquaculture." Issues papers on Aquaculture and Ballast water will soon be completed as well.

### **Top 10 Invasive Species**

Met at end of May - handout is narrowed down version of notes. Discussed objectives with team, suggestion is to tie back to 100th Meridian mission. Mission is to help early detection and reduce spread. Eileen would like to see the brochure go with general sport fish, not specifics so that the handout can be used universally.

Paul showed examples of weed booklets. Group discussed what final outcome is expected. Paul will have the group meet next month and push for a draft publication this fall. Group will like the handout kept small/concise.

### **Boat Inspection Training Program**

Bill went over presentation and will send out report by end of week. No confirmation on funding yet. Has contacted Idaho and California - no confirmed presentations for either yet. Robin asked if the curriculum could be written up in such a way that boat dealers could use to inspect own boats, also smaller groups who could use inspection guide/process.

Bill has found biologists and trainers to take those pieces, no law enforcement yet. Anyone knowing of individuals in boater law enforcement (freshwater and marine), who might be interested in this - send their names/information to Bill.

### **Rapid Response Planning Project**

Mike Fraidenberg is attempting to set up a meeting on this. Likely to be held in Vancouver, WA.

Stephen noted that he feels we are seeing some progress on this project.

### **Wyoming TIS Installation**

Bill gave this update – John Wachsmuth is working on behalf of the Work Group with Wyoming F&W and DOT to get this TIS installed by early fall - I-80 Rock Springs.

### **TIS Evaluation Study**

This will be delayed until 2006 because of problems encountered is getting a contractor to move the highway signs on a timely basis.

### **100th Meridian Funding/Projects**

Discussion covered the following:

- \$5k - sport shows

- Signage/database
- \$10k - brochures/watch cards
  - Mitten crab
  - Zap the zebra
  - New publication on existing ans
  - New brochures: water gardens, etc.
  - Pathway brochures/fact sheets (general, school science kits, pets)
- \$10k - marina outreach
- \$2.5k - newsletter (one per year - two Basins)
- \$5k - TIS projects (sign movement)
- \$10-\$20k - TIS portable unit
- \$15k - Law enforcement training video
  - Western states legal authority delineation
  
- Software for veliger sampling - this brought out a good deal of discussion on current process/costs/permits. Team members agreed to provide copies of sampling/processing protocols to Susan by 10/15 for distribution/discussion at next meeting.

### **ZM Monitoring Program Substrate**

Discussed on-line reporting. Need for consistency in data collection. On-line reporting needs to be simple and easy to use (add, update, and view capabilities). Discussed various data bases and how to bring those together (coordination of input, etc.).

### **Mitten Crab/Green Crab Meeting?**

Does not appear to be sufficient interest in California or via a WRP e-mail survey for a meeting. PSU will have a former SERC staff member on staff for two years; they are experienced with these two ANS species. Group agreed there is a need to keep these in mind, even though there appears to have been a decrease in their numbers.

### **Oregon ANS Legislation**

- Ballast water - passed. Written by Mark.
- Aquatic weeds - died in committee
- Department of Agriculture had a bill passed on weed control

### **Washington ANS Legislation**

- \$3 fee passed
- ANS Council failed - did not have right support. Large fiscal impact and state does not wish to expend funds to support a council.

**Recap of work assignments (see below)**

**Next meeting set for PSMFC office on November 8, 2005.**

**Meeting adjourned**

## To Do List from 6/28/05 CBR 100<sup>th</sup> Meridian Team Meeting

1. Group to e-mail comments on “existing ANS “ public outreach document to Paul by 7/08/05
2. Bill to send copy of final Phase 1 Watercraft Inspection Training (WIT) report to Team members ASAP
3. Anyone with suggestions for boating law enforcement officers that may be good candidates to instruct Pod 3 (enforcement authority) of the WIT will provide them to Bill by 7/08/05
4. Sam to investigate the possibility of getting a Lewis and Clark Law School intern to do research on authority to stop, inspect and hold watercraft in the five-state area so that he information can be available prior to WIT events this fall.
5. Susan will work with Wyoming DFW and DOT on contract for I-80 TIS installation
6. TIS evaluation project will be pushed-back a year and Eileen will continue to work with contractor to have signs moved this summer
7. Bill will double check to see that the Wyoming TIS and signs will be installed in a manner that would facilitate some future evaluation if needed
8. Team members will provide copies of zm veligers sampling and processing protocols to Susan by 10/01/05 so they can be distributed to all team members prior to discussion on the topic of standardization scheduled for the next Team meeting. (Some protocols mentioned, Montana, Washington, Kansas, PSU and Iowa)
9. Bill will develop a budget for Phase 3 of WIT and provide to Stephen, Paul and David by 7/01/05
10. David will talk with Bob Pitman to determine the number of boat wash posters he needs and advise Susan, who will ship them
11. Paul and Robyn will get more information about theme and time allowed for ANS session at NSBLA meeting scheduled for September 16-21 in Portland
12. Paul will coordinate our participation with help form other Team members and will present WIT in Bill’s absence
13. Mark will provide Davis Britton with copy of full substrate/veliger sampling database so David can enter the data in the format approved by the CRB 100<sup>th</sup> Meridian Team