



**100<sup>th</sup> Meridian Initiative Meeting**  
**Salt Lake City, Utah**  
**March 2, 2004**

## **Introductions**

Wen Baldwin, Lake Mead Boat Owners Assoc.  
David Britton, U. Texas Arlington  
Don Mitchell, Fisheries Program Manager, AZ Game and Fish  
Fred Partridge, Idaho Fish and Game  
Eileen Ryce, Montana ANS Coordinator  
David Bergendorf, ANS program Stockton  
Bill Zook, Pacific States Marine Fisheries Commission (contractor)  
Paul Heimowitz, USFWS  
Tina Proctor, USFWS  
Bob Pitman, USFWS  
Don Archer, Utah DWR  
Jon Brossenbrock, U. Notre Dame  
Scott Bonar, Unit leader at AZ Coop Fishery Unit, U. of AZ

## **Question from Bob. How do we get fishery biologists to pay attention to ANS issues?**

Need good state ANS coordinator who is doing it full time. (Eileen Ryce will be meeting with regional biologists to get the message out as one of the first parts of her job).

Suggestions from the group:

- Marketing approach. Message: Personal responsibility. Biologists may get the blame for bringing in an ANS.
- Repetition. Keep the information flowing. Be a pest, if necessary.
- Develop regional press kits.
- Send reporting forms out to the biologists.
- State ANS Management Plan – have internal communication as part of it. Fisheries, Wildlife and Parks, Dept. of Agriculture, Dept. of Environmental Quality

- Don't forget the University folks.
- Need traveling training like the one put on by Sea Grant in the late 90's.
- Need policy from the top of the agencies. Sometimes it takes a crisis. It helps if the governor is interested.
- Fish health policy. Attach ANS policy onto fish health policy so that all biologists have to comply.
- Send papers to sessions other than invasive species at national/regional meetings.
- Increase public awareness because they can have great influence on public policy from the top.
- Put out guidelines that state ANS Coordinators can use to do internal education. Montana has this kind of thing in their State Management Plan.

### **Marketing strategy for 100<sup>th</sup> Meridian Initiative.**

We need to involve power and irrigation companies. Put together a 15-minute video or powerpoint with information from Midwest utilities that could increase the Fear Factor. The message is to invest in prevention and monitoring ahead of time. "I wish we would have . . . "

**Action item: Bob and Tina will meet with ANS Task Force member from Power Association. Have letter from this individual to power companies.**

### **Missouri River Team**

New zebra mussel infestation has been found in the Missouri River. Bill Zook reported that all strategies will be put in place by this boating season. Signs are printed and have been distributed to states and are expected to be posted by this spring. PSA's will go out soon. States will increase monitoring this year. The project is lagging behind on regional outreach – websites, tourist bureaus, etc. Bill will do tour of the Missouri Basin to do a check in and one-on-one discussion of all the marinas.

Pacific States Marine Fisheries Commission will do a new press release. This would have new information and updates.

**Action Item: North American Journal of Fisheries Management. Published in 2002. Protocol for movement of fish to protect against movement of zms and velligers. We will send the citation or copy of this protocol to people at the meeting.**

### **Electronic Collection of Boater Surveys**

David Britton showed Dell PDA's with mockup of program on the screen used to get information on boater surveys. It makes collecting information easier than using clipboards, etc. This will speed up the interview process and allow us to get it into the database much more quickly. The PDA also has GPS coordinates, so people can input specific information, e.g. Lake Francis Case which is a huge lake.

Each PDA plus GPS plus camera bag plus snap-on keyboard costs about \$500.00. Smart cards are used so data is stored. David can program the PDA's. Each one holds 128 megabytes.

**Action Item: Bob will be ordering new PDA's and will provide information to the members. David will provide programming. He will put information on 100<sup>th</sup> Meridian website which can be downloaded. Let Bob know if anyone wants to add to the order.**

**Action Item: Asian Carp Watch cards, zap the zebra brochures, SAH stickers available. Who needs them?**

### **Inspection Video**

Bob showed the video that he contracted with Washington Dept. of Fish and Game to develop which targets boat inspection personnel. It specifically shows where to look on various kinds of boats, both motor boats and sail boats. Bob will get CD's which he can distribute. The video will also be put on the website.

### **Columbia River Team**

New Action Team met in December in Boise, Idaho. Bill Zook will do the same Lewis and Clark activities that he has been working on with the Missouri River Team. He is compiling information on marinas, etc. Next meeting is April 7 in Portland.

USFWS Region 1 Refuges program has purchased a Lewis and Clark outreach van which will be staffed by Refuge volunteers. They want handouts on invasive species, small displays, hands-on materials. Paul H. will purchase Great Lakes

zebra mussel outreach trunks that they can use. They are expecting several million visitors over two years and will need significant order of materials to hand out.

They are advertising on a commercial marina company map which targets visitors. The ads are on 40,000 paper maps and 40 signs in the Lake Washington area for \$2,000 (signs will be up for two years). The ads will expand to San Francisco Bay and Puget Sound and maybe other places.

Idaho had an invasive species summit meeting in February. Idaho Fish and Game developed a sign to put out to marinas about cleaning boats and other equipment. They will put out 1500 signs to about 500 sites in the state. Fred will maintain a database on where they go.

### **Boat Washing Systems**

Wen Baldwin reported on a portable boat washing system that is totally self contained. He said the NPS at Lake Mead will be purchasing three of these for this season. They are designed to prevent nuisance species spread and cross contamination of our waterways. Currently they are being used by the military in Iraq and Afghanistan because equipment cannot come back into the U.S. without being clean. Complete unit – GSA price - \$103,000. Total recycled system. Boat and vehicle are on a platform.

### **Colorado River**

Boater surveys have been done in Lake Mead and Lake Powell.

Utah – NZMS found in 12 sites on statewide survey. Five drainages found. Report will be complete in April.

Paul – is there a way of showing absence of nzms? Eileen said that Billie Kerans does have a protocol for declaring a site free of nzms. How long do you have to put kick net out to determine whether nzms are there or not. Don suggested that Paul contact Mark Vinson at Utah State University, since he sampled hundreds of sites.

Need percentage confidence interval.

**Action Item: Paul will look at guidelines for declaring presence/absence of nzms and whether it is adaptable to zebra mussels. It would be useful for specific targeting activities, like national fish hatcheries. Jon said there might be something like this for inland lakes, but probably not for rivers.**

## **El Dorado Action Team**

Concern about migration down stream. Has it happened yet? PDA's will be used to get information around the reservoir and to find where else the boaters are going. Kansas may have to change state regulations, depending on what is found. Kansas Wildlife and Parks is coordinating media information. Surveys will start in March. Team will meet again in August.

## **Next 100<sup>th</sup> Meridian Meeting**

**Tina will get information out to members about the next meeting which will probably be in Columbia, Missouri in May in conjunction with the Missouri River Natural Resources Conference.**