

**Meeting Summary**  
Great Lakes Panel on Aquatic Nuisance Species  
November 16-17, 2005  
Ann Arbor, Michigan  
(Revised April 2006)

**Plenary Session, November 16, 2005**

***Welcome and Introductions***

Roger Eberhardt of the Michigan Department of Environmental Quality, Office of the Great Lakes and Chair of the Great Lakes Panel on Aquatic Nuisance Species (Panel) began the Panel meeting with a brief welcome and asked for introductions from each Panel member and interested party. Eberhardt then introduced Kathe Glassner-Shwayder from the Great Lakes Commission to review the agenda and ask for its approval. Before asking for approval, Glassner-Shwayder mentioned two additional items that had been added to the final draft agenda. These items included a phone call-in from Pam Fuller of the USGS to discuss a Taxonomic Experts Data Base that will be developed for use by all the regional ANS panels and an update on the Chicago Sanitary and Ship Canal dispersal barriers by Chuck Shea of the U.S. Army Corps of Engineers. Eberhardt proposed that routine decision making actions such as agenda approval should be done by a simple majority vote. He asserted that policy actions or positions should be approved by consensus, and mentioned that this issue would be discussed in further detail when the new operational guidance document is discussed. ***Mike Klepinger of Michigan Sea Grant made a motion to accept the agenda and it was seconded by Helen Brohl of U.S. Great Lakes Shipping Association. The agenda was then approved unanimously.***

***Agenda Approval***

Glassner-Shwayder then asked if any revisions needed to be made to the minutes from the last meeting. Beth Brownson from the Ontario Ministry of Natural Resources said that the word 'Premier' should be changed to 'Prime Minister' in the minutes. With this change, Eberhardt began the process for approval of the minutes. ***Jim Weakley of Lake Carriers' Association made the first motion which was seconded by Helen Brohl. The minutes from the past meeting were approved unanimously.***

It was also decided by informal consensus at this point in the meeting that full meeting minutes were not necessary, and that thorough notes would be sufficient. Scott Newsham, Executive Secretary of the National Aquatic Nuisance Species Task Force, verified that the Panel is not required to have word for word minutes and that the ANS Task Force itself does not go into a high level of detail. It was also mentioned that a separate list of Panel action items would be sent out within 30 days of the meeting in addition to a full account of the meeting through a meeting summary.

***Great Lakes Panel Update***

Glassner-Shwayder then introduced new Panel members, James Schardt from the Environmental Protection Agency's Great Lakes National Program Office, Commander Karen Phillips from the U.S. Coast Guard, Jim Galloway from the U.S. Army Corps of Engineers, Doug Neumann from the State Department, John Navarro from the Ohio Department of Natural Resources, Scott Millard from Fisheries and Oceans Canada, and Jeff Gunderson from Minnesota Sea Grant. The Maritime Administration (MARAD), under the U.S. Department of Transportation was also introduced as a potential Panel member and was represented by Doris J. Bautch, Director of the Great Lakes Regional Office. Glassner-Shwayder also introduced additional staff members from the Great Lakes Commission serving the Panel, including Dave Knight, Program Manager for

Transportation and Sustainable Development; and Lisa Butch, the Great Lakes Commission 2005-2006 Sea Grant Fellow.

Glassner-Shwayder then discussed a few of the main topics to be discussed during the meeting, including the second iteration of the Operational Guidance document for the Panel, the presentation for approval of the Information and Education Committee's priorities document, and the national outreach campaigns, *Habitattitude and Stop Aquatic Hitchhikers!* Phil Moy from Wisconsin Sea Grant and Chair of the Research Coordination Committee also added that his Committee hoped to have its priority species list approved during the Committee report-out sessions.

Glassner-Shwayder reported that since the last meeting, many Panel members and staff have been involved in the Great Lakes Regional Collaboration. It was noted that Ted Lawrence, the 2004-05 Sea Grant Fellow at the Great Lakes Commission wrote a feature article on the Regional Collaboration for the *ANS Update*. Staff also attended the national ANS Task Force meeting held in Herndon, Va. where Glassner-Shwayder reported out on activities of the Great Lakes Panel. The meeting also provided the opportunity for staff to learn about the work of the regional ANS panels. It was noted that the Task Force is encouraging the regional ANS panels to collaborate on a national level.

### ***Regional and National Initiatives***

#### **National ANS Task Force**

Scott Newsham was introduced to the Panel as the new Executive Secretary to the ANS Task Force. Newsham explained that the national ANS Task Force is responsible for presenting a report to Congress annually, although only one report has been submitted since 1990. The primary goal of the report is to raise aquatic invasive species (AIS) issues as a priority to Congress. The report will feature accomplishments of the ANSTF, including work of associated committees and regional ANS panels. The report, to be submitted on an annual basis, needs to be defined in terms of format, content from regional ANS panels and process by which the report will be developed. The document will also include information on ongoing issues, challenges, financial expenditures, benefits and costs, and very importantly, the need for increased funding. Newsham said that once the format for this document is finalized, the regional panels will be presented with a format for submitting their updates to be included in the final report. Newsham then addressed the funding issue for the regional ANS panels, advising the Panel to compile information on funding needs for submission to the Task Force. Newsham also mentioned that he wants to foster interaction among the regional ANS panel chairs to help them develop a more coordinated and consistent message. To accomplish this, he plans to convene the Panel chairs and/or staff a day prior the ANSTF meeting and encourage use of a listserv to provide guidance to Panel leadership. Newsham also encouraged use of the new ANS Task Force website available at: [www.anstaskforce.gov/default.php](http://www.anstaskforce.gov/default.php).

- **ACTION ITEM: When the general format and content guidelines for the ANS Task Force Annual Report are provided to staff, the guidelines will be forwarded to the Panel members for their information**
  - **The release of these guidelines by Newsham was initially targeted for mid-December but they are currently expected in mid-January.**

#### **U.S. Coast Guard**

Commander Karen Phillips said that in her new capacity as a Panel representative she will bring news from Coast Guard headquarters as well as take the Panel's concerns back with her. Phillips mentioned that work is nearly complete on the Environmental Impact Statement (EIS) on ballast water discharge standards with three of the four chapters finished. The U.S. Coast Guard is looking at the International Maritime Organization's standard in addition to a stricter standard. Once the EIS is released there will be a public comment period and public hearings; Panel members were encouraged to participate to provide feedback on the EIS. Phillips also mentioned

that the U.S. Coast Guard is trying to develop a protocol that is proven and verified for testing ballast water treatment standards. She noted that NOBOB voluntary exchange best management practices have been published and are currently testing empty ballast tanks to determine the effectiveness. There are no final answers yet, but they seem to be seeing a decrease in the percent of fresh or brackish water in the ballast tanks.

- **ACTION ITEM: Questions on the EIS should be directed to Cmdr. Phillips of the U.S. Coast Guard ([kphillips@d9.uscg.mil](mailto:kphillips@d9.uscg.mil)).**
- **ACTION ITEM: It has been requested that the U.S Coast Guard convey information on ballast water reporting requirements to the Great Lakes Panel Information/Education Committee.**

#### NOAA Sea Grant RFP

Dorn Carlson, National Oceanic and Atmospheric Administration (NOAA), National Sea Grant Program, manages the ANS grant program for NOAA. At the meeting Carlson discussed a Sea Grant aquatic invasive species (AIS) national grant competition to fund projects related to AIS outreach and research. The duration of the grant cycle is one or two years, with a \$150,000 per year limit and a 50 percent match requirement. Carlson is requesting that all of the regional ANS panels provide input on the RFP by submitting a 750 character paragraph on AIS priorities in the prescribed areas. Carlson explained that he does not necessarily want the Panel's top priorities, but those that the Panel would specifically like to see accomplished through this grant cycle in areas of research and outreach over a one or two year long project. The paragraph on priority issues should be submitted to Carlson by December 15, 2005.

- **ACTION ITEM: Staff will submit a priorities statement on AIS outreach and research for the NOAA Sea Grant RFP to Dorn Carlson before mid-December, 2005. The statement on regional AIS priorities will be primarily based on recommendations presented in the Panel priorities documents of the Information/Education Committee and Research Coordination Committee**

#### *Panel Member Updates*

Roger Eberhardt opened discussion to meeting participants, asking for updates from Panel member as presented in the following section of this meeting summary.

#### U.S. Fish and Wildlife Service

Mike Hoff, U.S. Fish and Wildlife Service (USFWS), explained that in the Midwest regional office, there is support for the state and interstate management plans, and that interested people make an effort to push for more funding from Congress. He also mentioned that the final review of a national Asian carp management plan is underway and will be released for public comment soon. Hoff also said that USFWS continues to implement a ruffe control plan focusing on monitoring and outreach. Work proceeds on a goby roundup and carp corral in the Illinois River system. Outreach efforts include a partnership with Minnesota DNR to display interactive invasive species kiosks at Cabellas stores; and working with the Shedd Aquarium, University of Notre Dame, and the U.S. Forrest Service for a display at the Aquarium. Hoff also talked about the National Environmental Policy Act requirements for federal agencies to consider in regards to actions on issues such as control and rapid response. His region has developed two categorical exclusions allowing for control and rapid response enabling state and tribal entities to move rapidly on rapid response and implement control actions with a minimal amount of paperwork. He also mentioned that the USFWS staff from the regional office have been heavily involved in the Regional Collaboration and the AIS strategy team and will spend considerable time implementing identified priority actions in the future. He lastly mentioned Economic Impact Study conducted by David Pimentel, Professor of Ecology at Cornell University. The study, funded by the Fish and Wildlife Service would be made available to the Panel members and interested parties.

- **ACTION ITEM: The Pimentel study will be sent to Panel staff by Mike Hoff and made available to the members and interested parties of the Great Lakes Panel.**

#### USGS Great Lakes Science Center

Don Schloesser, USGS Great Lakes Science Center, reported that lab is working primarily on biological monitoring and surveying. He noted that updates from Sharon Gross, the national representative from USGS on AIS issues, were not yet available.

#### U.S. Army Corps of Engineers

Jim Galloway, U.S. Army Corps of Engineers, Detroit office, gave a brief description of a sea lamprey barrier and a sea lamprey trap, to be completed before the end of the calendar year. The project is co-sponsored by the Great Lakes Fishery Commission.

#### NOAA, Great Lakes Environmental Research Lab

Dave Reid, NOAA-Great Lakes Environmental Research Lab, mentioned that they now have an official invasive species program and that funding has increased, though not as much as they would have liked. Currently NOAA is focusing on a ballast water technology program as well as monitoring and control and management. With regards to control and management, considerable focus is being given to implementation of a green crab management plan on the west coast. Reid also reported that NOAA has taken the lead on a federal database to coordinate all federal invasive species databases. The NOAA NOBOB assessment has also been completed and the final report is available online. Reid mentioned that NOAA and the Smithsonian Environmental Research Center will be submitting a report to the Congressional Appropriations Committee evaluating the effectiveness of ballast water exchange on protecting the Great Lakes and the Chesapeake Bay.

#### Indiana Department of Natural Resources

Doug Keller, Indiana DNR, reported that the state now has 60 inland lakes and rivers infested with zebra mussel, with five new ones confirmed this year and three other likely due to natural lake connections. Keller also reported on the Brazilian elodea infestation of Griffy Lake, near Bloomington, which has yet to be eradicated. The state was set to use fluridone to treat the infestation but the city decided not to allow chemical treatment, opting for a non-chemical alternative. The city's current proposal is to do a lake drawdown, reducing the volume of the lake by 75 to 90%, which would have a high impact on the fish population. A final plan will soon be developed between the director of DNR and the mayor of Bloomington. Three small private lakes are also infested with this invasive plant and plans are in the works to eliminate those populations. Keller also indicated that regulations are being considered to reduce the threat of more infestations of the Brazilian elodea by the aquarium and water garden industry. Keller also spoke of the new DNR Invasive Species Coordination Committee, with almost all the DNR divisions represented. The goal of the Committee is to develop shared, coordinated approaches to deal with both aquatic and terrestrial invasive species on public lands. Keller also spoke of the reports of Asian carp being present in Wolf Lake, which has a connection to Lake Michigan. None of the reports were ever confirmed and a fisheries biologist that has recently conducted a fish survey on the lake found no Asian carp during the survey.

#### Michigan Department of Environmental Quality

Roger Eberhardt, Michigan DEQ, gave the update for Michigan. He mentioned the recent passage of ballast water legislation, as well as several other pieces of legislation. In July, a package of eight bills was passed establishing lists of prohibited and restricted species and methods for modifying those lists. Also established through legislation is a state Invasive Species Council that will work with the current ANS Council. Funds will also be available for administration and outreach and education, and penalties will also be established for violations. Emily Finnell, also from Michigan DEQ, mentioned a pilot program for Clean Boats – Clean Waters, modeled after Wisconsin's program, to begin in the summer of 2006.

### Ohio Department of Natural Resources

John Navarro, Ohio DNR, mentioned a dam failure on the Chagrin River, a tributary to Lake Erie. He noted that although dam failures are usually beneficial because of an increase in habitat, this failure was considered detrimental as the dam was serving as a barrier to sea lamprey. There are currently no plans to rebuild the dam. The dam will be monitored to see if sea lamprey begin to use it as a stream for reproduction. ODNR is also working with the Ohio EPA on treatments for sea lamprey, but there is a concern about the impacts on non-target species such as mudpuppies. Another large project the DNR is working on is monitoring two remnant canals that connect the Ohio River to Lake Erie to make sure that invasive species in one water body do not enter the other.

### Ontario Ministry of Natural Resources

Beth Brownson, Ontario MNR, discussed the successful education and outreach, research, and monitoring projects that the Ontario Ministry of Natural Resources has with the Ontario Federation of Anglers and Hunters. Ontario has also successfully incorporated a biocontrol program for purple loosestrife. Brownson also mentioned the June release of the Ontario Biodiversity strategy that resulted in some reorganization of some relevant agencies. The strategy includes not only provincial agencies, but nongovernmental organizations and citizens as well. New regulations have also been recently introduced that make it illegal to possess Asian carp, all species of snakeheads, and the round and tubenose goby, with an exemption for research.

- **ACTION ITEM: Managers interested in obtaining Chemfish Regular (active ingredient Rotenone) at a cost-effective price should contact Beth Brownson, Ontario Ministry of Natural Resources (beth.brownson@mnr.gov.on.ca).**

### Pennsylvania Department of Environmental Protection

Jim Grazio, Pennsylvania DEP, presented Pennsylvania's report. Grazio mentioned that the Governor's Invasive Species Council held its first meeting in October, more than a year after its creation by Executive Order. The Council is made up of seven heads of state agencies and ten nongovernmental organizations and has a focus on both aquatic and terrestrial invasive species. The first meeting of the Council was spurred by an invasive species management plan workshop, sponsored by the Great Lakes Commission and Pennsylvania Sea Grant in an attempt to develop an invasive species management plan for the Commonwealth. Grazio also mentioned that Pennsylvania joined the other Great Lakes States in opposing Senate bill 363 on ballast water management that was handled by the Council of Great Lakes Governors. Pennsylvania also recently added the rusty crayfish to its list of AIS that is prohibited for live sale, transport, or possession in the state. Also noted, was a new infestation of zebra mussels in the upper Allegheny River and Conewango Creek. The source of the zebra mussels appears to be Chautauqua Lake in New York.

### Wisconsin Department of Natural Resources

Ron Martin, Wisconsin DNR discussed the governor's conservation initiative that is calling for ballast water regulations to be modeled after the recently passed Michigan law and increased DNR authority at boat landings. Currently it is illegal to launch a boat with invasive plants or animals. The new DNR authority will make it also illegal to transport those boats that are infested. Martin also mentioned that a hearing was being held on that day in efforts to increase funding for AIS grants, currently funded by a motor boat gas tax. The new revenue source would come from the Indian gaming funds. Martin also discussed some new publications including 'Hitching a Ride' which provides information on Wisconsin's AIS program and a new aquatic invasive species outreach handbook published by UW Extension and the DNR which is available online or on CD. A series of four, well-received workshops were held around the state to promote the new outreach handbook, primarily targeting lake associations, citizen groups, and individuals. These workshops were conducted through a collaborative effort involving Wisconsin Sea Grant, the DNR, and Extension with funding provided through the SMP (state management plan) project being managed by the Great Lakes Commission. Martin also mentioned Wisconsin's successful Clean Boats – Clean Waters program. UW Oshkosh has mentioned interest in training students in

the program for college credit. UW Madison has also recently approved support for four additional faculty members (contingent upon appropriations through the state legislature) with an expertise on invasive species. Martin also mentioned a successful sub-regional conference held by the Great Lakes Indian Fish and Wildlife Commission. Phil Moy added that Wisconsin recently passed legislation prohibiting the possession of Asian Carp and that several new zebra mussel infestations have been recently found.

#### Great Lakes Fishery Commission

Marc Gaden, Great Lakes Fishery Commission, mentioned that the Fishery Commission received an increase in funding and will apply those funds to sea lamprey control and alternative pheromone control research.

#### International Joint Commission

Mark Burrows, International Joint Commission, spoke about the IJC's Council of Great Lakes Research's project to backlog and update AIS research projects in the Great Lakes region. He reminded people to check and see if their projects are updated at [ri.ijc.org](http://ri.ijc.org) to help in this project to determine that nature and status of research.

#### Great Lakes United

Jen Nalbone, Great Lakes United, continues to distribute information and educational materials on invasive species. Jen also noted her interest in helping to navigate a compromise between the two current proposed Senate bills on invasive species (S. 363 and S. 770).

#### Chippewa Ottawa Resource Authority

Mike Ripley, Chippewa Ottawa Resource Authority (CORA), gave some background on his organization which represents five Indian tribes in Michigan that have treaty rights to fish in the Great Lakes. A current priority issue for CORA is the sea lamprey control due to their vested interest in the lake trout fishery. CORA has also been involved in the Great Lakes Regional Collaboration and the Great Lakes Water Quality Agreement.

#### Lake Carriers' Association

Rick Harkins, Lake Carriers' Association, noted that the ballast management practices continue to be implemented as subscribed to by the Lake Carriers' for many years which has helped with ruffe control. Harkins mentioned that compliance with ballast water reporting also continues, though it is considered burdensome; and he is interested to see how the reporting data is applied.

#### Michigan Sea Grant

Mike Klepinger, Michigan Sea Grant, talked about the Extension portion of the Michigan Sea Grant program. Michigan Sea Grant has been involved in the Great Lakes Regional Collaboration, habitattitude campaign, and training natural resource agency field personnel, university researchers, and others about hazard analysis in field operations. Klepinger also mentioned the purple loosestrife biocontrol program has demonstrated success.

#### U.S. Great Lakes Shipping Association

Helen Brohl, U.S. Great Lakes Shipping Association, wants to assist in passage of national ballast water legislation. She also clarified that the shipping industry did not divert money from the dispersal barrier to the navigation study.

#### Ontario Federation of Anglers and Hunters

Francine MacDonald, Ontario Federation of Anglers and Hunters (OFAH), has been working with partners to increase public outreach in a variety of new forms such as public service announcements and magazine articles in popular outdoor magazines. She cited that 250,000 individuals have been reached. OFAH also has a volunteer monitoring program, with the involvement of Lake Associations, monitoring detection of zebra mussels and the spiny waterflea

infestations, a research program on round goby and fanwort, and an outreach program targeting the horticultural and aquarium industry.

#### Great Lakes Commission

Tom Crane, Interim Executive Director for the Great Lakes Commission, gave an update on the Commission's strategic review and the search for a new Executive Director. Dave Knight from the Great Lakes Commission spoke about the Commission's focus on AIS legislation, including support of Senate bill 770 and work with Great Lakes ports to develop a port-centric position on ballast water and AIS monitoring.

#### The Nature Conservancy

John Anderson, The Nature Conservancy (TNC), noted that TNC is interested in participating in the work of the Panel. He also mentioned the availability of an abstract on a proposal submitted for NOAA RFP on ecological forecasting project. The project proposal has been developed by Anderson in partnership with David Lodge of Notre Dame to strengthen our understanding of the ecological risk posed by aquatic invasive species.

#### ***Regional and National Initiatives*** (continued)

##### Great Lakes Aquatic Nuisance Species Coalition

Roger Eberhardt, Michigan DEQ, Office of the Great Lakes, gave some additional background on the new Michigan ballast water permit legislation. The DEQ Water Bureau is currently developing a permit based on best available treatment instead of effluent based, and draft permit will be available for review and public comment within the next few months. Eberhardt also discussed a Great Lakes coalition of state legislatures in dialogue on ballast water policy; and how other states in the Great Lakes region are looking at developing ballast water legislation similar to that of Michigan to protect the Great Lakes.

##### Great Lakes Regional Collaboration: AIS Action Plan

Continuing on with more regional and national initiatives, Marc Gaden, Great Lakes Fishery Commission, discussed the Great Lakes Regional Collaboration (GLRC) – AIS Action Plan. Gaden explained that the Action Plan was based on vector reports with drafting teams for aquaculture, maritime commerce, canals and waterways, organisms in trade, and recreational activities. The two main goals of the Action Plan are to prevent new AIS introductions and to stop the spread of existing AIS populations. The Action Plan supports Senate Bill 770 as well as an increase in resources for enforcement and updating of the Lacey Act. The Action Plan also identified near-term actions that can be done in the short term for little or no cost under each of the drafting teams until additional federal funding can be leveraged. A near-term action identified to be addressed by the Great Lakes Panel is the development of a list of organisms in trade that are species of priority concern. An additional concern expressed by Gaden is the need to cooperate with Canadian partners to implement the Action Plan. The documentation of the work of the AIS strategy team and the final version of the Action plan is available online at [www.aisstrategyteam.org](http://www.aisstrategyteam.org).

- **ACTION ITEM: The Great Lakes Panel will take action to advance development of a prohibited species list for organisms in trade as identified as a near term priority by the Great Lakes Regional Collaboration (GLRC) AIS Strategy Team.**

##### IJC Great Lakes Water Quality Agreement Review

Dennis Schornack, Chair of the IJC, spoke about the Great Lakes Water Quality Agreement review and update. He stated that fourteen public meetings were held throughout the basin, half in Canada and half in the United States. The lead agency for this project is Environment Canada and the U.S. EPA. Schornack mentioned that concern over invasive species has been raised repeatedly and that many people would like to see this water quality issue incorporated into the Water Quality Agreement as a common standard between the U.S and Canada.

### U.S. Forest Service – Eastern Region: AIS Program

Nick Schmal, USDA Forest Service, discussed the concern of the Forest Service in regards to invasive species. He mentioned that invasive species pose a risk to biodiversity of Forest Service terrestrial and aquatic habitat. He also mentioned that although most of the programmatic attention of the Forest Service so far has been focused on terrestrial invasive species; there is movement toward incorporating aquatic invasives due to inland waters under the jurisdictional authority of the Forest Service. Schmal's region, the Eastern region of the Forest Service falls in the domain of three regional ANS panels. He expressed interest in working collaboratively with the regional ANS panels as well as the states. Schmal mentioned that there is aquatic habitat to deal with in addition to forest land, and that efforts are being made to help foresters and others in the agency to recognize this in work on invasive species management. Schmal mentioned that they want to work on prevention, early detection, rapid response, control, etc. for invasive species in an integrated way. He mentioned that they are trying to integrate the issue of invasive species as part of the current Forest Service publications. Work is also underway to develop new educational and outreach programs on aquatic invasives, such as a partnership with the Nature Conservancy and Shedd Aquarium to develop an educational display. Schmal's office is also assisting with the Great Lakes Commission update of the regional *Biological Invasions* brochure. Schmal mentioned that the Forest Service wants to help distribute the educational materials that others have done instead of redoing what has already been done. The Forest Service is taking an interdisciplinary approach such as HACCP training and working with the states on the state AIS management plans. Another priority concern of the Forest Service involves dam removal. In one way, dam removal helps biodiversity and prevents fragmentation, but there is also concern that removal of physical barriers is opening up a pathway for AIS introduction.

### Update on Chicago Sanitary and Ship Canal Dispersal Barriers

Chuck Shea, U.S. Army Corps of Engineers gave an update on Chicago Sanitary and Ship Canal Dispersal barriers and the Energy and Water Appropriations Act, which provides the funding to the Army Corps of Engineers. The first barrier, the Demonstration Barrier, still remains in continuous operation and has been in continuous operations except for a brief period of time when it was knocked down by lightning. Shea also informed the Panel that Phase A of Barrier II was not completed this fall, as originally anticipated, but should be completed by January. Phase B should be complete by spring of 2006, when safety testing for both phases will begin. The barrier will not become operational until safety testing is finished. Shea also mentioned that Barrier II is the largest fish barrier ever created in the world and contains two separate sub-barriers from phase A and B.

Shea explained the need for legislation changes (authorization and then appropriations) to ensure funding for full, longterm operation and maintenance of the barrier. (1) as things currently stand, when Barrier II is completed it will be transferred to the State of Illinois for operation and maintenance and Barrier I will go off line; (2) if people do not like the facts in (1) they need to generate legislative support to change them; and (3) if someone wants to support legislative change, the most likely legislative vehicle for change is WRDA. Shea encouraged the Panel and its members to keep their respective agencies/organizations informed on the barrier funding issue.

### Wednesday Afternoon, November 16

#### ***Federal Legislative Session***

##### Senate Bill 363

Grant Bosse, Staff Director of the National Ocean Policy Study for the Senate Commerce Committee gave an update on Senate Bill 363, the Ballast Water Management Act of 2005 (BWMA). Bosse commented that the bipartisan bill addresses only ballast water, and is not a comprehensive AIS management bill. He noted that since ballast water is a leading vector for AIS introduction, S. 363 is a start in the right direction. He also mentioned that the Senate Commerce Committee only has jurisdiction over shipping, and all other AIS issues fall under the

Environment and Public Works Committee. The BWMA requires ballast water exchange at least 200 miles offshore in water that is at least 200 meters in depth. If this is not feasible, the U.S. Coast Guard may find other appropriate exchange sites closer to shore. The BWMA's requirement of ballast water exchange is only a transition to a fully implemented federal management regime that is 100 times more stringent than the IMO standards. If treatment technologies become available before the deadline, the Coast Guard could pull the deadline for implementation forward. If the available technology is better than the minimum standards, the Coast Guard can require ships not already in compliance to achieve more stringent standards. The Coast Guard may push the deadline back only once if no effective treatment technologies are available at the deadline.

Therefore, Bosse asserted, S. 363 provides incentives for both treatment technology vendors to make this technology available first, and for ships to be in compliance as soon as possible; thus technology will drive the standard. Bosse also asserted that the broader, more comprehensive AIS bills have not moved forward in the way S. 363 has thus far. He asserted that a ballast only bill has the potential to move farther and faster which could provide momentum for other AIS-related bills. Bosse clarified that S. 363 does not preempt the U.S. EPA authority under the Clean Water Act regarding pollutant discharge from ships; it only maintains the Coast Guard's authority to regulate AIS. Bosse clarified that S. 363 does not preempt the U.S. EPA authority under the Clean Water Act regarding pollutant discharge from ships; it only maintains the Coast Guard's authority to regulate AIS. Another major issue Bosse mentioned is state preemption, noting that Congress under the Commerce Clause, has the authority to regulate interstate shipping, which is maintained under the national standards in the Act. S. 363 does, however, allow the states to impose additional fines, in addition to those of the federal government, if a violation occurs in state waters.

#### Senate Bill 770

Allegra Cangelosi of Northeast-Midwest Institute discussed Senate Bill 770, the National Aquatic Invasive Species Act, and provided an overview of the differences between S. 363 and S. 770. Cangelosi began with a brief overview of how the bills were set up in the Senate; S. 770 is in the Environment and Public Works Committee, and S. 363 is in the Commerce Committee. With the broader S. 770, a courtesy referral has been provided to the Commerce Committee based on its jurisdiction over shipping. Cangelosi also gave an overview of how this works within the House of Representatives. Cangelosi mentioned that S. 770 has not been acted on past a hearing, possibly due to partisanship leading up to the last presidential election. The latest version of S. 770 is much more prescriptive than past iterations, though does not have an environmentally protective standard, but may be included in a revision if consensus is reached. S. 363, however, does have environmentally protective standards set. S. 770 originally had a best possible performance standard set, which is a 95% volumetric purge of organisms, and has a fixed deadline of 2011 for best available treatment. Cangelosi mentioned that although S. 770 does not preempt state authority, authors of the bill may not want to allow for state by state regulation. She also mentioned that the authors feel that the federal program should speak for itself; adding that if it is in a state's best interest to develop its own regulations, this speaks poorly for the federal regulations.

Cangelosi also mentioned that legislative action may be taken early next year according to a call with staff from Senator Voinovitch's office, and that it is possible that the best of each bill will be brought together to advance the good work that has been done on each bill. Cangelosi mentioned that she feels this is probably the best way to figure out the legitimate concerns of all parties. She also expressed her belief that any legislation passed should not preempt the Clean Water Act and that it should explicitly state what agency has jurisdiction over what issue.

### ***Great Lakes Panel: Organizational Strategy and Guidance for Operations***

Tom Crane began discussion on the operational guidance document by pointing out that the Great Lakes Panel has been operating without formal guidance. This became apparent as new regional ANS panels have been established, developing formal operational guidance in the process. In developing operational guidance for the Great Lakes Panel, Crane noted the need for a formal process to invite new members with the blessing of the national ANS Task Force. Another identified need was to better define the relationship between the Panel and the Great Lakes Commission. A significant issue of concern that has emerged in the past year is how the Federal Advisory Committee Act (FACA) affects the operation of the Panel. Recently, the ANSTF has acknowledged its legal responsibilities under FACA which has raised questions on implications for the regional ANS Panels.

Crane mentioned that comments were received from many Panel members following the spring meeting (2005) which have been integrated into the second iteration of the operational guidance document. He also noted that the Executive Committee (Chair, Vice Chair, three committee chairs, and Great Lakes Commission staff) met in August to review the revised draft and discuss the FACA issue. Crane mentioned that it was apparent that since the regional ANS panels serve the Task Force in a subcommittee-like capacity, a separate charter under FACA is not necessary. Given this institutional arrangement under FACA, the Panel is required to make recommendations directly to the Task Force. The following recommendations made by the Executive Committee have been incorporated into the second iteration of the operational guidance:

- Eligibility for the chairship has been opened beyond state members to all regular members with two years experience serving on the Panel;
- The position of vice chair is now considered chair-elect;
- The Executive Committee have been formally established to guide staff in operation of the Panel;
- Responsibility for *ANS Update* newsletter is no longer considered a product of the Great Lakes Panel; the Great Lakes Commission has taken on sole responsibility for the publication.

Other issues addressed in this phase of developing the operational guidance document were noted by Crane:

- Meetings will be held at least once a year with efforts made to hold two meetings, funding dependent;
- Panel meeting announcements in the Federal Register are no longer necessary and will henceforth be made available to the Task Force to post on their website;
- Voting procedures have been formalized, including eligibility for Panel officers and voting rights;
  - Canadians are eligible to fully participate in the Panel voting process (as verified by Scott Newsham at the meeting)
- Clarification of how the Panel can operate in the realm of advocacy versus education needs to be worked out with the Task Force.

Further concerns were raised on how advocacy can be communicated to the Task Force and whether educational materials developed by the Panel can be directed to other entities without initially going through the Task Force. It was suggested that instead of changing the name of the Policy and Legislation Committee to the Policy Coordination Committee, the committee should be named the Regional Coordination Committee. Another question was raised given the last round of discussion on the Panel voting procedures: In recommending that alternates should now be considered eligible to be Vice Chair and the position of Vice Chair is to serve as Chair Elect; should not alternates now be eligible to assume the position of Chair; or does this situation make alternates ineligible for the position of Vice Chair?

Crane indicated that since the revised, second iteration of the operational guidance document was sent out shortly before the Panel meeting, members would have until December 23 to provide comments. The target date to complete a final draft of the Panel's operational guidance document is late January, early February, at which time the document will be disseminated to the Panel membership and the Task Force for review and approval. The goal is to present a final document at the spring Panel meeting.

### ***Concurrent Break-Out Session of the Great Lake Panel Committees***

#### **Information and Education Committee**

Discussion was led by Emily Finnell, Committee Chair (MI DEQ, Office of the Great Lakes) with staff support provided by Marcia Woodburn (GLC). Other committee participants include: Rochelle Sturtevant (NOAA-GLERL/Sea Grant/NCRAIS), Beth Brownson (Ontario Ministry of Natural Resources), Lt.jg Regan Blomshield (U.S. Coast Guard), Sarah Whitney (PA Sea Grant), Nick Schmal (U.S. Forest Service), Francine MacDonald (Ontario Federation of Anglers and Hunters), Carol Swinehart (MI Sea Grant)

Committee Chair Emily Finnell provided a welcome and introduction then moved to approval of the agenda. The agenda was approved and discussion turned to the first topic on the agenda.

#### ***AIS Information and Education Priorities for the Great Lakes Document***

Emily explained the comments submitted from the last 30 day comment period. Of particular note regarding revisions was incorporation of the priorities identified by the Great Lakes Regional Collaboration-AIS Strategy Team. Following discussion, the committee approved the document, recommending presentation of the document for full Panel approval during the plenary session the following day.

During the committee meeting, it was also decided that members would work together over the next couple of weeks to develop an outreach priority statement for the NOAA Sea Grant RFP within the specified character limits as requested by Dorn Carlson of NOAA. It was decided that the outreach statement for the RFP will be based on the committee's I/E priorities document.

***Great Lakes Panel Operational Guidance Document:*** Emily facilitated a general discussion on the document focusing on issues from the meeting's earlier operational guidance presentation. Committee members did not voice significant concerns about any of the issues including changes to allow alternates to vote when serving as committee chairs and the designation of the vice chair position as chair elect.

The committee also commented that notes would be preferable to minutes to document Panel meetings. It was suggested that staff investigate how other Panels are able to hold two meetings a year. In regards to the Panel membership list, it was noted the U.S. Fish and Wildlife Service Cooperative Research Unit needs to be changed to the Biological Resources Division.

#### ***Committee Mission Statement and Workplan***

Emily explained the mission statement and after some discussion and clarification, committee members approved the statement.

A tentative workplan template was circulated with discussion on the need for measurable objectives in implementing the workplan. Also mentioned was the need for:

- committee members to share information on evaluation of AIS education and outreach programs/projects; and
- development of a web-based database and clearinghouse designed to include publications, brochures, articles, AIS programs, and training opportunities.

### *Aquatic Invasions Brochure*

Emily turned the discussion over to Marcia who introduced the AIS brochure being developed and passed out a draft to committee members. Marcia explained the content and layout of the brochure draft and highlighted changes that had occurred since the last presentation of the brochure at the April 14-15, 2005 meeting. Committee members offered the suggestion of taking out the centerfold map and using the space to spread out the text and to add or enlarge the graphics. The committee also suggested bulleting some of the content to add more space, with the possibility of noting the citations on the last page.

### Research Coordination Committee

Committee discussion was led by Phil Moy, Committee Chair (WI Sea Grant) with staff support provided by Tom Crane (GLC) and Lisa Butch (GLC). Other committee participants include: Marc Tuchman, USEPA-GLNPO; Rick Harkins, Lake Carriers' Assn.; Brian Ewart, Audubon Soc.; Don Schlosser, USGS; Joanna Laba, IJC-GLRO; Mark Burrows, IJC-GLRO; Marg Dochoda, IFS-AFS; David Reid, NOAA; Jim Grazio, PA DEP; Lisa Butch, GLC; John Anderson, TNC; Tome Crane, GLC; Ted Batterson, NCRAC,MSU.

Species List: The Research Coordination Committee began its discussion with the priority species list. Phil Moy noted that discussion during a conference call held this past summer initiated a 3-tiered approach to listing the species. Tier 1 species are established, non-native, and harmful; tier 2 species are established, non-native, with unknown consequences; and tier 3 species are potential harmful invaders. During the call, Brazilian elodea and hydrilla were added and introduced and managed sport fish were removed. During the course of the discussion, it was determined that *Heterosporus* spp. should be made a tier 1, and the digenean fluke and phytoplankton should be removed. The tier 2 category was also eliminated. It was decided to add a column for justification of species listing. It was agreed to present the list as the current best and to update and modify as needed. The list will be cross-reference with the research inventory to assess funding and effort expended per species. It was determined that the list should become a working document and that approval would be sought the next day. It was also agreed upon that people interested in nominating a species for inclusion should provide information needed for all the columns on the list and justification for why the species belongs on the list. Their proposals will be considered during an annual update of the species list. ***Moy informed the group that on behalf of the Research Coordination Committee, he would present for approval the 2005 Great Lakes Panel Priority Invasive Species List with noted changes from committee discussion.***

Sea Grant RFP: A proposed research priority project description was developed from the Research Priorities list: 1<sup>st</sup> and 2<sup>nd</sup> bullets from the Prevention – Non Ballast section. We discussed a few topics that could be combined into a single project or split into project areas. The general topics included a “black list” of organisms in trade, future sources of ballast water and changes in global trade vectors related to impacts on the Great Lakes ecosystem.

Dave Reid agreed to work on crystallizing the concept into an RFP and to submit it/them through GLC staff to Dorn.

Research Inventory: The research inventory staff, led by Mark Burrows of the IJC are examining shifts in research project focus through the last decade. They are seeing a shift from control to impacts.

They have received a good response from agencies on listing of projects but feel there are needs yet to complete projects from the GLFC, Sea Grant, WI State, MI State and NOAA. The staff requests that agency staff visit the IJC website (ri.ijc.org) and check their projects for completeness of information. They need to increase confidence in the data set. Mark mentioned that they are able to backload data from agency databases, saving time and effort of agency staff

or researchers. He participated in the AIS Database Summit. They hope to develop a Google-like search engine for NIS projects within a distributed database.

### **Great Lakes Panel Operational Guidance Document: Comments**

- The voting procedures should be clarified
- At large members currently only serve two years so would be ineligible for vice chair or chair
- The mission statement should be changed – we don't do much of what is described in the introductory paragraph.
- Strike the other Panel and NISC information, as it has no bearing on our operations.
- The vice-chair should be expected to serve unless there are extenuating circumstances.
- The need was identified for a formal procedure for members that are chronically absent from Panel meetings, committee activities and other Panel initiatives.

Committee Chair Nomination: Phil Moy was nominated by the Committee to continue as Chair of the Research Coordination Committee.

### Policy and Legislation Committee

Discussion was led by Helen Brohl with staff support provided by Kathe Glassner-Shwayder (GLC) and Jon MacDonagh Dumler (GLC). Other committee participants included John Navarro (ODNR), Chuck Shea (USACE), Marc Gaden (GLRC), Ron Martin (WI DNR), Mike Hoff (USFWS), Doug Keller (IN DNR), Doris J. Bautch (MARAD), Jen Nalbone (GLU), Roger Eberhardt (MIDEQ, OGL) Jill Finster (GLFC), Dave Knight (GLC), Karen Phillips (USCG), Scott Newsham (USCG), Mike Repley (CORA), Jim Weakly (LCA).

Comments on the Great Lakes Panel Operational Guidance Document:

The focus of the meeting was discussion on revising the Operational Guidance document with a particular focus on the role of the committee.

- The need to change the name of the committee was discussed with the following suggestions offered:
  - Policy Coordination Committee
  - Regional Coordination Committee: Mike Hoff suggested this name for the committee as it would be the “legs and arms” of the Panel to coordinate in areas of rapid response, management and control, programmatic assessment, etc.
- It was suggested that the mission statement for the Panel operational guidance should emphasize the coordinative role of the Panel in regional work on AIS prevention and control. Also suggested on the mission statement was insertion of “mitigation” in reference to established populations. There was discussion on the balance of being a federal representative on the Panel in regards to making recommendations to the federal ANS Task Force, noting that federal members need to determine how to handle with respective agencies. It was mentioned that it is incumbent on the Panel as a regional entity serving under the auspices of the ANS Task Force not to be advising on federal legislation.
- Consensus based decisionmaking (pg. 14) was discussed, indicating that federal representatives may need to be recused on voting and consensus based decisionmaking. If so, these cases should be recorded related to any recommendations put forth, including minority views.
- It was noted that the ANS Task Force needed to improve in setting agenda for regional ANS panels. Of particular concern is guidance on where the Great Lakes Panel should stand on funding and legislative issues.
- The question was posed as to whether the Panel is able to make policy statements outside of those provided directly to the Task Force? The following wording change was suggested: the Panel will serve as a principal regional “policy advisor” (replacing the term “policy conduit”) to the national ANS Task Force and federal, state and provincial agencies with regard to Great Lakes AIS-related research, information/education and regional coordination activities” (pg. 6)

- **At-Large Membership:** “Six representatives are elected on a biennial basis to serve on the Panel as at-large members, providing their special expertise, interest, significant reason, or advisory capability. Generally speaking, the at-large members represent certain constituents or areas of expertise that were not identified in the original list of Panel membership under the categories of interest when the Act was first passed. The intent of the at-large membership program is to ensure that there is balanced representation among all stakeholders involved in the AIS issue, particularly in regards to emerging issues and priorities. It was noted that all elected at-large members on the Panel must be reviewed and approved by the ANS Task Force. At-large members of the Panel hold full voting privileges.” (page 7)

It was noted that staff needs to revisit the issue as to whether the at-large category can be eliminated if the at large member category can be rolled into Regular Members and/or clarify at-large membership as a temporary position.

- The ANS Task Force Executive Secretary, Scott Newsham, advised that the Panel’s Canadian members could be considered regular members with full voting rights rather than as “invited observers” (It was noted during discussion that given the multijurisdictional nature of the AIS issue, Panel representation on an international scale is encouraged, to include those counties affected by common AIS problems.)
- Panel officers: It was noted that the appointment of Chair and Vice-Chair require approval of ANS Task Force. Also recommended that the position of chair and vice chair should be open to regular and alternate members.
- It was recommended that “member of good standing” should be defined: “*after a member has missed two or more consecutive meetings without communicating, the chair will send a letter asking the member to communicate status/level of commitment*”
- Committee Chair Nomination: HEAR YE!! Chair of Policy and Legislation Committee is OPEN for nominations!!!
- The change of committee title to Regional Coordination Committee should be reflected throughout the operational guidance document with clarifying statement that the workplan will be consistent with funding provided through the ANS Task Force, accounting for the staff support needed to implement the plan.
- It was noted that policy of the committee should strive towards consensus based decisionmaking. In the event that consensus is not reached a mechanism to guide dispute resolution should be implemented.
- Noted was the need to put on record with the ANS Task Force increased funding demands for the operation of the Panel and committees. The following list was offered as discreet list of funding needs:
  - Additional staff to implement committee workplans
  - Conduct of two Panel meetings yearly with one of the meetings held outside of Ann Arbor
  - Reprint of the *Biological Invasions* brochure.
- Noted was the need to push the ANS Task Force to advance comprehensive AIS legislation as supported by the Great Lakes Regional Coordination

### **Thursday Morning, November 17, 2005: Plenary Session**

Tom Crane began the session by recognizing Roger Eberhardt in his tenure as Panel chair, acknowledging Roger’s contributions to the Panel under his leadership over the past 2 years. Roger was awarded the book, *Legends of Light, Michigan Lighthouse Portfolio* by Wargin.

### **Reports and Discussion from Break-Out Sessions of the Great Lakes Panel Committees Information and Education Committee**

Emily Finnell began her report with the committee’s discussion on outreach priorities to be submitted to Dorn Carlson for the NOAA Sea Grant RFP. Although full consensus was not

reached, she indicated that the committee will probably go with the incorporation of measurable objectives and evaluation components for education and outreach projects. General discussion on the Operational Guidance document indicated that committee members were comfortable with the changes to the membership guidelines. The committee also suggested that in documenting Panel meetings, notes would be preferable to minutes. Concern was expressed that meeting documentation is made available in a timely manner in the future. There was also discussion on the financial challenges of holding two Great Lakes Panel meetings per year.

- **ACTION ITEM: Staff was requested to investigate how other regional ANS panels handle financing of two meetings per with a \$50,000 budget.**
  - **Staff will make inquiries on how the other regional panels finance two meetings per year based on current fiscal constraints and report back to the Panel at the spring meeting.**

Finnell mentioned that the committee is interested in developing a web-based database to include existing AIS publications, articles, programs, workshops, etc.

Finnell presented the document, *AIS Information and Education Priorities for the Great Lakes*, to the Panel in hopes of obtaining approval. Categories of the document include prevention, collaboration and partnerships, information management, marketing, education, and evaluation. It was suggested during discussion that the committee develop a survey targeting various stakeholder groups to see what they know and what they do not in order to help create more effective educational materials. Several other comments on the document were noted. Finnell requested approval of the document despite the numerous comments noting that the document will always be a dynamic work in progress. A motion was made to adopt the I/E Priorities document with no second necessary since the document was submitted by committee. With a quorum of 38 voting members present, the document was approved unanimously.

- **ACTION ITEM: Staff will submit the I/E priorities document to the ANS Task Force with a transmittal letter from the Panel Chair by the end of March 2006.**

Marcia Woodburn, Great Lakes Commission staff, gave an update and brief overview of the Great Lakes aquatic invasions brochure.

#### Research Coordination Committee

Phil Moy then gave an overview of the Research Coordination Committee's activities from the previous day. Moy discussed the changes made to the Priority Species List and identified it as a starting point and working document before asking for approval. He mentioned that committee members plan to develop a list of criteria to be used as justification for the listing of priority AIS species. A motion was made to adopt the Priority Species List which was approved unanimously by the Panel with a quorum of 38 members.

- **ACTION ITEM: Staff will submit the priority species list to the ANS Task Force with a transmittal letter from the Panel chair by mid April, 2006.**
- **ACTION ITEM: The Research Committee will develop a list of criteria to be used as justification for the listing of priority AIS species. Also, the Committee requests that proposed additions to the list include justification in accordance with the criteria list.**

Moy also mentioned in developing a priorities statement for Sea Grant RFP, the committee would focus on the topic of high risk organisms in trade, relating their potential for invasion to existing and/or future global trade patterns and their potential impact on the Great Lakes ecosystem.

- **ACTION ITEM: The Research Committee will address the identified need (\*) for a prohibited species list of organisms in trade in the AIS research priorities statement to be submitted for the Sea Grant RFP discussed above. (\*) Note on page 8 of these minutes, discussion on the near term action identified in the GLRC Action Plan for the Great Lakes Panel to advance development of a prohibited species list for organisms in trade.**

Moy then also gave a brief overview of the discussion of the IJC's Research Inventory and the Operational Guidance document discussion (note summary of committee meeting above).

### Policy and Legislation Committee

Helen Brohl, Chair of the Policy and Legislation Committee indicated that there was general agreement that the committee name should be changed to the Regional Coordination Committee. It was suggested that this committee could take on much of the work that is not appropriate for the other two committees. Discussion on the Operational Guidance document indicated that in cases when an agency representative needs to recuse him or herself from a vote due to chain of command issues, that that be made part of the official record. The committee also wanted to keep the at-large membership category, but noted that the whole section on members needs to be reviewed for accuracy. The question was raised during the committee session as to whether the Panel could provide a policy statement to entities other than the Task Force. It was noted that this issue should be addressed in the operational guidance document.

Brohl also mentioned that once a final name for the committee had been determined, the first priority should be drafting a mission statement. The committee also recommended that a mechanism be created to assist the Panel in communicating funding needs to the Task Force. It was noted that the Panel should provide information on funding levels needed for specific reasons. Brohl suggested that Great Lakes Commission staff break down the expenses to exactly what was needed. Tom Crane agreed that this is necessary, but wanted more guidance from the Task Force on how to proceed. Scott Newsham said that he is not sure how such a request would be handled, and would like to see requests like this come from all the regional ANS panels at the Task Force meeting. A motion was made that the staff work with the ANS Task Force on the Panel funding issue. The motion was passed in concept directing the Great Lakes Commission to work out the details.

- **ACTION ITEM: Great Lakes Commission staff will work with the Executive Committee on funding strategies for the Great Lakes Panel with guidance from Scott Newsham, ANSTF Executive Secretary.**

The committee also wanted to make a request to the Task Force to deliver the message to its respective agencies that the Great Lakes Panel supports the passage of comprehensive AIS legislation in the 109<sup>th</sup> Congress. This idea passed unanimously after much discussion and wording changes.

- **ACTION ITEM: The ANS Task Force will be informed by staff that the Great Lakes Panel supports passage of comprehensive AIS legislation in the 109<sup>th</sup> Congress and recommends that the Task Force take a dynamic role within respective departments, administrations and agencies to facilitate productive discussions with the Administration and Congress that AIS legislation is needed now.**

### **Panel Business**

#### Plenary Discussion on Operational Guidance Document

Tom Crane then reviewed the comments from the committees on the Operational Guidance document and mentioned that additional comments will be taken, as the structural work on the document continues. One new comment that was accepted is as follows: if a voice vote is taken and any nay vote is given then a member poll should be taken. Further discussion and dispute resolution processes are recommended as well. If there is still a dissenting vote, it will be noted, but a single nay vote will be unable to derail an action. Many other comments were taken, especially with regards to membership, term-limits and eligibility for positions of chair and vice chair.

### Taxonomic Experts Database

Pam Fuller from the USGS reported to the Panel via phone regarding a taxonomic experts database. Fuller mentioned that the other regional panels are interested in a taxonomic experts database given its usefulness for early detection and rapid response efforts. Fuller referred Panel members to a handout explaining the layout and design of the database and how each of the regional panels would work on populating the database. The database will also be secure with a login and password for those entering information. A two tiered approach will help to lead people to a state or regional biologist before directed to the taxonomic expert so this individual is not overwhelmed with basic inquiries. Fuller mentioned that funding for the database development will most likely be made available from the USGS and NOAA. She also noted the potential for a similar data base to house information on education/outreach initiatives. Fuller left her contact information for Panel members to provide additional feedback: phone: 352-264-3481 and email: [pam\\_fuller@usgs.gov](mailto:pam_fuller@usgs.gov).

### ANS Task Force Outreach Campaigns: Habitattitude and Stop Aquatic Hitchhikers

Scott Newsham provided information and answered questions on the national ANSTF outreach campaign's *Stop Aquatic Hitchhikers* and *Habitattitude*. Newsham mentioned that there are materials available to participants and a brand logo with some basic requirements for how the logo is used. Newsham stated that he views these campaigns as another tool to increase effectiveness of outreach efforts without duplicating effort, pointing out that the logo and consistent message provides a major benefit. He mentioned that there no constraints on how the materials are used except for general guidelines for the use of the logo. A quorum was not available to vote on the adoption of the programs and it was decided that a vote will be done electronically via email.

- **ACTION ITEM:** A motion was made at the Panel meeting that a decision was in order as to whether the Great Lakes Panel, as a regional entity, should formally join the ANSTF Outreach Campaigns: *Habitattitude* and *Stop Aquatic Hitchhikers Campaign*.
  - **Staff will conduct an electronic vote on Great Lakes Panel membership to the ANSTF Outreach Campaigns by mid-March 2006.**

### Other Action Items

- **ACTION ITEM:** Doris J. Bautch, Director of the Great Lakes Regional Office, was introduced at the meeting for the Maritime Administration (MARAD) under the U.S. Department of Transportation. MARAD has expressed interest in membership to the Panel.
  - **Staff will work with the Panel Executive Committee and the ANSTF Executive Secretary in addressing MARAD's request to join the Panel. A recommendation will be made at the spring Panel meeting.**
- **ACTION ITEM:** To expedite documentation of the Panel meeting proceedings, Panel members are requested to send member updates to staff (review attached minutes with account of member updates and offer additions/revisions as needed).
  - **Member updates should be submitted to Marcia Woodburn at [woodburn@glc.org](mailto:woodburn@glc.org) by Monday, January 23, 2005.**

### Summary of Meeting and Action Items

Glassner-Shwayder mentioned that staff will work with the committees on development of committee workplans and mission statements. She stated that a call for nominations will be sent out as soon as eligibility for Panel officers is determined in the process of finalizing the operational guidance document. There was also discussion about changing quorum for the Panel since many people leave the second day and it is not possible to hold votes towards the end of meetings. It was decided that efforts would be made to vote on significant issues at the beginning of meetings to help with meeting the quorum. Glassner-Shwayder also mentioned that people who have not been getting her emails or are having a difficult time opening attachments should

let her know. She mentioned that next spring's meeting will probably be in Chicago at the Great Lakes National Program Office. The action items from the meeting were then reviewed and public comment period was opened. There was no public comment.

**Participant List**

Meeting of the Great Lakes Panel on Aquatic Nuisance Species  
November 16-17, 2005: Ann Arbor, Michigan

<b>Name</b>	<b>Organization</b>	<b>Member Status</b>
John Anderson	The Nature Conservancy	Observer
Ted Batterson	North Central Regional Aquaculture Center	Member (at-large)
Doris J. Bautch	Maritime Administration	Observer
Regan Blomshield	U.S. Coast Guard	Member (alternate)
Grant Bosse	National Ocean Policy Study – Senate Commerce Committee	Observer
Helen Brohl	U.S. Great Lakes Shipping Association	Member (at-large)
Beth Brownson	Ontario Ministry of Natural Resources	Member
Mark Burrows	International Joint Commission	Observer (technical advisor)
Lisa Butch	Great Lakes Commission	Panel support
Allegra Cangelosi	Northeast Midwest Institute	Member (at-large)
Dorn Carlson	National Sea Grant Program Office	Observer
Tom Crane	Great Lakes Commission	Panel Staff
Marg Dochoda	IFS	Observer
Roger Eberhardt	MI DEQ, Office of the Great Lakes	Member
Brian Ewart	Audubon Society	Observer
Emily Finnell	MI DEQ, Office of the Great Lakes	Member (alternate)
Jill Finster	Great Lakes Fishery Commission	Observer
Marc Gaden	Great Lakes Fishery Commission	Member
Jim Galloway	U.S. Army Corps of Engineers	Member
Kathe Glassner-Shwayder	Great Lakes Commission	Panel Staff
Jim Grazio	PA DEP	Member
Phyllis Green	Isle Royale National Park	Observer
Rick Harkins	Lake Carriers' Association	Member (alternate)
Michael Hoff	U.S. Fish and Wildlife Service	Member
Doug Keller	Indiana DNR, Division of Fish and Wildlife	Member
Mike Klepinger	MI Sea Grant	Member (alternate)
Dave Knight	Great Lakes Commission	Panel Staff
Joanna Laba	International Joint Commission	Observer
Jon MacDonagh-Dumler	Great Lakes Commission	Panel Staff
Francine MacDonald	Ontario Federation of Anglers and Hunters	Member (at-large)
Ron Martin	WI DNR	Member
Phil Moy	WI Sea Grant	Member (alternate)
Jennifer Nalbone	Great Lakes United	Member
John Navarro	ODNR Division of Wildlife	Member (alternate)
Scott Newsham	ANS Task Force	Observer
Karen Phillips	U.S. Coast Guard	Member
Leah Quiring	Transport Canada	Observer
Dave Reid	NOAA GLERL	Member
Mike Ripley	Chippewa Ottawa Resource Authority	Member
Don Schloesser	U.S. Geological Survey	Member
Nick Schmal	U.S.D.A Forest Service	Observer
Dennis Schornack	International Joint Commission	Observer
Chuck Shea	U.S. Army Corps of Engineers	Observer
Rochelle Sturtevant	NOAA GLERL/Sea Grant/NCRAIS	Observer
Carol Swinehart	MI Sea Grant	Observer
Marc Tuchman	EPA GLNPO	Member
James Weakley	Lake Carriers' Association	Member
Sarah Whitney	PA Sea Grant	Observer
Marcia Woodburn	Great Lakes Commission	Panel Staff

\* **Member** and **At Large Member** = Voting privileges \***Member (alternate)** = Voting privileges if primary member not in attendance and/or if Chair of Panel Committee \***Observer** = No voting privileges \***Panel Support** = No voting privileges