



HTAC Voting Members Present			
Representative	Organization	Representative	Organization
Ed Anderson	MIC	Bill Majewski	St. Louis River Alliance
Dan Belden	WLSSD	Mike McCoshen	Industry – General Bulk
Cameron Bertsch	Douglas County	Dan Rau	Save Lake Superior Assoc/SLSA
Brian Boder	St. Louis County	Steven Robertson	City of Duluth
LCDR Jerry Butwid	USCG (alt)	Jason Serck	City of Superior
Gene Clark	WI Sea Grant	Jim Sharrow	Duluth Seaway Port Authority
Deb Deluca	Duluth Seaway Port Authority	Ted Smith	Marine Tech
Marshall Elder	Midwest Energy Resources	Dena Young	WisDOT
Gary Glass	Izaak Walton League		
HTAC Voting Members Absent * Excused			
Representative	Organization	Representative	Organization
Dale Bergeron	MN Sea Grant	Bob Libby	Industry – Pilots/Vessel Operations
Steven Brossart	US Army Corps of Engineers	Denise McDougall	Industry – General Cargo
Mark Erickson	Industry - Ore	Ed Montgomery	Industry – Harbor Services
Jack Ezell	WLSSD	Mike Peloquin	MN DNR
Nelson French	MPCA	Patrick Phenow	MnDOT
Cheri Hagen	WI DNR	Josh Sanders (alt)	USCG
Joel Johnson	Industry – Recreation	Fred Shusterich	Industry – Coal
Zach Jorgenson	US Fish & Wildlife Service	Daryl Wierzbinski	USACE
Jason Laumann	NWRPC	Vacant	Industry – Grain
Others Present			
Representative	Organization	Representative	Organization
Cliff Bentley	MnDNR	Stu Lowrey	Sen Franken's Office
Dan Breneman	MPCA	John Mack	USCG
Dave Bolgrien	US EPA ORD	Barb Peterson	MIC Staff
Ron Chicka	MIC Director	Guy Partch	Barr Engineering
Diane Desotelle	MPCA	Heather Rand	City of Duluth
Josh Dumke	NRRI	Craig Rosand	Congressman Duffy's Office
Jeff Emerson	Wis DOT	Ida Rukavina	Sen Klobuchar's Office
Steven Eliason	CBP	Daniel Rust	UW Superior
Jessica Felix	WisDOT	Ted R. Smith	AMI
Mike Goettel	WI DNR	Matt Steiger	WI DNR
Ken Gerasimos	Key Lakes/Great Lakes Fleet	Dr. Richard Stewart	UW-Superior
James Gittemeier	MIC	Jeff Stollenwerk	MPCA
Phyllis Green	US NPS	Heidi Timm-Boyd	City of Duluth
Jeff Henquimet	NPS	Mike Wenholtz	MIC
Doug Jensen	MN Sea Grant	Corey Weston	USACE
Christopher Johnson	USCG	Adele Yorde	Port Authority
Gavin Johnson	UW Superior	Dave Zentner	Izaak Walton League
LaRae Lehto	AMI	Marie Zhuikov	WI Sea Grant



Introductions / Agenda Review / Committee Business

HTAC Chair Marshall Elder called the meeting to order at 9:15 am. All parties introduced themselves.

- **June 1, 2016 Meeting Summary**

Chair Elder asked if there were changes to the September 7, 2016 Meeting Summary, hearing none he asked for a motion to approve.

Dena Young/Jim Sharrow moved to approve the 12.7.2016 HTAC Meeting Summary. There was no discussion. The motion carried unanimously.

Port Land Use Plan – Approval, *Andy McDonald, Consultant*

Andy gave a brief review and a big “Thank You” to the members of the subcommittee who worked diligently with Andy to get the information reviewed and verified for this plan. A few minor tweaks remain to be made but the document is ready for approval and moved onto the Policy Board for approval as well.

Andy noted that there are 26 recommendations at the end of the document which is the next task of the subcommittee to address and prioritize in the coming months. There is also some editing being done to complete the noted Appendix 1, the Port Facilities Inventory and Appendix II which is the Survey questions and results.

Ron Chicka also stated that he is hoping to present this plan to the city councils of both Duluth and Superior. He is also hoping to make recommendations the each of the cities adopt this plan in their respective Comp plans.

After a few questions and a little discussion, Andy asked for a motion to approve the 2016 Duluth-Superior Port Land Use Plan.

Deb Deluca/Nelson French moved to approve the 2016 Duluth-Superior Port Land Use Plan. There was no discussion. The motion carried unanimously.

Subcommittee Updates

Open Water Mitigation: Deb Deluca stated that the Dockwall permit was moving along for approval and hopes that a 30-day comment period would be opening soon.



Navigation: LCMR Jerry Butwid, MSU/USCG, briefly discussed the Tall Ships event and that the Summary is now available. Other items discussed at this subcommittee meeting included a partnership between the MSU and the MN & WI Sea Grant programs to address the issues with recreational boaters in the harbor; a possible port closure; and the discussion by the Great Lakes Commission concerning new technologies.

New Non-Native Species documented on Lake Erie

Doug Jensen, MN Sea Grant presented an overview of the non-native species which have established themselves in Lake Superior. This list includes:

- 84 plants
- 58 rooted plants
- 26 species of algae
- 47 invertebrates
- 18 mollusks
- 22 crustaceans*
- 7 others
- 22 pathogens and parasites
- 25 fish (11 stocked/14 accidental)

Doug continued his discussion introducing the latest in non-native species called the *Thermocyclops crassus*. This normally native to eastern Europe, Asia, Africa and Australia. There is concern over potential ecological impacts since the ecosystems are similar to those in western Lake Erie. They are not sure how they got here but are continuing to monitor what ecological affects they may have and work continues to determine the extent of the population. Monitoring for distribution and assessing potential risks continues.

Ballast Responder Project, Phyliss Green, Nat'l Park Service (NPS) & Dave Zentner, Isaak Walton League

Phyliss Green began by describing that this system is a mobile treatment system used as an emergency response for ballast water treatment. The NPS has helped coordinate researchers at Michigan Technological University and U.S. Geological Survey among others in the design of a skid-mounted ballast treatment system that relies on the use of biocides to treat ballast in emergency situations. The US Maritime Administration funded the fabrication of a prototype by naval architects at Glosthen.

Emergency treatment of ballast for aquatic invasive prevention is moving beyond testing to treatment. In 2014, the NPS, USGS and industry consortium completed efficacy trials of this novel ballast treatment system that can be deployed on and off multiple ships and started



training emergency responders that could implement treatment within emergency response time frames.

In the Spring of 2017 at the IMO meeting look to cover the following:

- Will put forth a contingency treatment framework.
- Current contingency treatments have no standards for discharges (developers are targeting IMO and USCG standards)
- Framework would provide guidance to the industry, including port State control officers, marine vessel operators, and technology providers.
- Will consider:
 - Level of risk reduction required
 - Potential liability of the various parties
 - Responsibility of the service providers

There is a Mobile Treatment – Emergency Response Guide which can be found at:
www.nps.gov/isro/learn/nature/upload/09078-Ballast-Water-Emergency-Response-Guidance-RevB

Roundtable Discussion of Local Issues / Legislative Issues

Adjourn

No other items were brought forward for discussion, Chair Marshall Elder adjourned the meeting at 11:34am.