



**GLASS – Great Lakes Association of Science Ships**  
**27th Annual Science Vessel Coordination Workshop Agenda**  
 Great Wolf Lodge - White Pine Ballroom (A & B)  
 Thursday, January 12, 2023, • 7:45 a.m. – 3:00 p.m. (EST)

7:45 a.m.		Continental Breakfast	White Pine Ballroom A&B
8:15 a.m.	1.	Welcome and Introductions – Review Workshop Agenda	Tom Crane, GLC and Mark Burrows, IJC
8:30 a.m.	2.	Report out on <a href="#">January 11<sup>th</sup> training session- Marine Electronics Fundamentals (click link for details)</a> Reimagining GLASS - identifying future priorities - <ul style="list-style-type: none"> <li>• Composition of the GLASS Steering Committee</li> <li>• Recap of survey results</li> </ul>	Dennis Donahue, Tom Crane, Mark Burrows, GLASS Steering Committee members
9:00 a.m.	3.	Roundtable Discussion - Operational Challenges – personnel, platform, and mission growth. <ul style="list-style-type: none"> <li>• Discussion of R/V operations, and factors impacting ops, including maintenance, crew recruitment and retention.</li> </ul>	Facilitated Roundtable discussion Facilitator Dennis Donahue, NOAA
10:15 a.m.	4.	Break	
10:30 a.m.	5.	Science and Technology – <ul style="list-style-type: none"> <li>• IJC Decadal Science Strategy – highlight vessel-related actions</li> <li>• Collaborative opportunities for science vessel research under the USCG Center of Expertise-</li> <li>• Unmanned Operations – collaboration and training, Smart Ships, ASVs, UAVs, AUVs/ROVs looking ahead</li> <li>• Discuss lessons learned and best practices with unmanned vessel operations.</li> </ul>	IJC-SAB TBD USCG Speaker TBI Hayden Henderson/Travis White - GLAUSS (MTU) Facilitator – Steve Ruberg, NOAA
11:45 p.m.	6.	Lunchtime Presentation Noble Odyssey Foundation 50 years Developing a Maritime Interest with American Youth and Great Lakes Underwater Research. (Working lunch provided)	Luke Clyburn, Captain, Pride of Michigan
12:30 p.m.	7.	Managing Vessels & Costs to meet science/education needs <ul style="list-style-type: none"> <li>• Designing a hybrid floating classroom.</li> <li>• Perspectives on replacing vessels (new vessels vs rebuilds/repurposing) for research</li> <li>• Opportunities and challenges managing educational programs - future plans/programs.</li> <li>• Roundtable discussion - updates and lessons learned about vessel operations, shipyard and drydock experiences and research coordination</li> </ul>	Amy Eliot, Incat Crowther, UW-Superior & design firm Inland Seas, GVSU, MDNR; other various presenters TBI Facilitator/MC - Brandon Bastar
2:30 p.m.	8.	New Business - <ul style="list-style-type: none"> <li>• Items to bring forward to Great Lakes Fleet Management and Science Support Workshop Others</li> </ul>	Various presenters TBD
2:45 p.m.	9.	Workshop Wrap Up, Action Items and future direction New partnerships, Binational collaboration and Workshops (schedule, timing, content, and location)	Tom Crane, GLC, Mark Burrows, IJC
3:00 p.m.	10.	Adjourn	