ICES/IOC/IMO Working Group on Ballast and Other Ship Vectors (WGBOSV)

2018/MA2/HAPISG02 The ICES/IOC/IMO Working Group on Ballast and Other Ship Vectors (WGBOSV), chaired by Lisa Drake, USA, will work on ToRs and generate deliverables as listed in the Table below.

	MEETING DATES	VENUE	R EPORTING DETAILS	Comments (change in Chair, etc.)
Year 2019	6-8 March	Weymouth, UK		
Year 2020	2–4 March	Gdynia, Poland		
Year 2021	3–5 March	Online meeting	Final report by 1 May to SCICOM	

ToR descriptors

ToR	DESCRIPTION	BACKGROUND	SCIENCE PLAN CODES	DURATION	EXPECTED DELIVERABLES
a	Conduct strategic planning le (identify and develop u collaborative activities, b advance and standardize a methods, etc.) to advance m research and address p	CES strategic plan Goal 2: nderstand the relationship etween the impact of human ctivities (e.g., shipping) and narine ecosystems to estimate ressures and impacts and develop cience-based sustainable	2.1; 2.5; 4.4	3 years	Report to ICES. Respond to advice requests, as applicable.
b	Evaluate test conditions, T methods for collection of M ballast water, or analysis of a samples to inform national a and/or international h procedures for type b approval and compliance in testing of ballast water in management systems. v g a	The Convention for the Control and Management of Ships' Ballast Water nd Sediments, (2004) (BWMC) ims to minimize the transfer of armful aquatic organisms with the allast water from ships. It is mperative that the BWMC is mplemented in a scientifically alid and standardized way lobally. There are science and dvisory requirements related to alidated methods and procedures.	2.7; 4.1	3 years	Input on the general applicability or otherwise of such conditions or methods to IMO or national regulators through meeting participation, correspondence group and/or technical paper or peer-reviewed manuscript.
С	climate change impacts on v	his work will be carried out jointly with WGITMO. Contributes to ICCME and ICES high-priority ction area 'Arctic research'.	2.1; 2.5; 4.4	3 years	Contribution to a peer- reviewed manuscript (with WGITMO as the lead).
d	8	his work will be carried out jointly vith WGITMO. Ships' biofouling is,	2.7; 6.1; 6.4	3 years	Strengthen ties to the IMO GloFouling partnerships

r, a primary As management s is the only ace risks of new ng biofouling n priority in ement.	through meeting participation and increased discussion of research aims; report to ICES.
nplexity of the 1.6; 4.4 3 years to which inva- the decline in , the need for efforts, and the and accurate compliance to WMC), RNA- nolecular tools as complemen- to traditional some challeng- ethods warrant	Input on the general applicability or otherwise of such methods to IMO or national regulators through meeting participation, correspondence group and/or technical paper or peer-reviewed manuscript.

Summary of the Work Plan

Year 1	Working on all ToRs, but with special focus on ToRs a, e,and d.	
Year 2	Working on all ToRs, but with special focus on ToRs a, b, and c.	
Year 3	Report on all ToRs.	

Supporting information

Priority	The work of the Group forms the scientific basis for essential advice related to the movement of invasive aquatic organisms and pathogens via ballast water and other shipping vectors. As a joint working group, it also follows and supports related work within the IMO and IOC.	
Resource requirements	The research programmes which provide the main input to this group are already underway, with resources provided by national governments and scientific funding agencies. The additional resources required to undertake activities in the framework of this group are negligible.	
Participants	The Group is normally attended by some 25-35 members and guests, but has more than 65 members in total.	
Secretariat facilities	None.	
Financial	No financial implications.	
Linkages to ACOM and groups under ACOM	The group will serve as primary respondent to incoming advice requests on various issues related to ship-mediated introductions.	
Linkages to other committees or groups	There is a very close working relationship with WGITMO. Potential or occasional linkage with WGBIODIV, WGHABD, WGIMT, WGPME and WGZE.	
Linkages to other organizations	International Oceanographic Commission (IOC), International Maritime Organization (IMO), North Pacific Marine Science Organization (PICES). In addition, the outcomes are relevant to other national and international organizations involved in the development of regulatory policies.	