



35th IRSO Meeting Agenda – September 23-27, 2024

Hosted by- Natural Resources Canada

Meeting venue - Simon Fraser University - Morris J. Wosk Centre for Dialogue

Workshop - Monday 23rd September 2024

Time	Event	Comments
13:00 - 17:00	Workshop – (Afternoon tea break included)	Topic - “Health, Welfare and Civility at Sea” Facilitators – Toni Moate and Rose Dufour Venue: Simon Fraser University Morris J. Wosk Centre for Dialogue.
19:00 - 22.00	Icebreaker and pre-registration – Sponsored by Glander International Bunkering	A chance to meet and greet Venue: Tap & Barrel Bridges, Granville Island (Dress, Smart casual)

Version 5

Day 1 IRSO Meeting –Tuesday 24th September 2024

Time	Duration (Mins)	Theme	Topic	Owner
08:00	30	Registration	Registration – Simon Fraser University Morris J. Wosk Centre for Dialogue.	
08:30		Opening of 35th IRSO	IRSO Day 1 - Welcome	Greg/ Giuseppe
			Welcome from Energy and Natural Resources Canada, Land Acknowledgement	Sonia Talwar - Director General GSC
			Host Introduction and housekeeping	Jennifer Vollrath – NR-CAN
			Round table introduction of participants	
			Accept minutes of 34th IRSO, Belgium	Greg Foothead
			Accept agenda of 35th IRSO	Greg Foothead
1	10		ERVO Update + EuroFleets	Aodhan Fitzgerald – Marine Institute
2	10		RVONZA Update	Richard Brinkman - AIMS
10:00	30	Morning Break Poster Session		
3	20	Cooperation and Outreach	AIR Centre partners RV's including new constructions	Mafalda Carapuço – AIR Centre
4	20	New Builds	New Fisheries and Oceanography Research Vessel, “Dra. Barbieri”	Heinz Pearce - ASENAV
5	30	Industry presentation	New insights into the hydrodynamic development of modern research vessels.	Michael Palm – Voith
6	20	Delegate Report	NOAA – People, Platforms, Culture	Amanda Goeller- NOAA
12:00	60	Lunch and Poster Session		
7	20	Cooperation and Outreach	“The research icebreaker CCGS Amundsen: Canada’s most successful model to bridge academic with governmental and indigenous research at sea”	Alexandre Forest – Amundsen Science
8	20	Compliance/ Legal/Insurance	“A decade of marine geoscience in the Arctic Ocean: On, under and through the ice”.	Mary Lynn Dickson - NRCAN
9	20	New Builds	Update of Japan's Arctic research vessel "MIRAI II”	Yuko Mori – JAMSTEC, Yumihiko Kobayashi - MOL
10	20	Cooperation and Outreach	AIMS Indigenous Partnership Program and approaches for engaging with First Nations groups	Richard Brinkman - AIMS
11	20	New Builds	AIMS RV Replacement Program	Richard Brinkman - AIMS Peter Thurling – AIMS
12	20	Industry presentation	Tools for Ocean Exploration and Discovery – A Kongsberg Perspective	Meme Lobecker - Kongsberg
15:00	30	Afternoon Break Poster Session		
13	20	New Builds	A replacement for the Celtic Explorer - Initial design requirements	Aodhan Fitzgerald – Marine Institute
14	30	IT Systems	Update on Marine Facilities Planning Software	Beiko Maas - MFP
15	20	New Build	Upgrading South Australia’s Research Capability	Jane Ham - SARDI
16	20	New Build	First purpose build research vessel for Northern Ireland, the story so far	Pieter-Jan Schön - AFBINI
17:00		Wrap Up Discussion for Day 1		

Day 2 – Wednesday 25th September 2024

Time	Duration (Mins)	Theme	Topic	Owner
08:30		<i>IRSO Meeting Day 2</i>	Administrative matters/logistics	Greg Foothead/Giuseppe Magnifico
1	40	<i>IT, Communications and Cybersecurity</i>	Communications and Cybersecurity - updates for RV's	Marwan Chartouny - OmniAccess
2	30	<i>Compliance/ Legal/Insurance</i>	Risk Management, Insurance, and Admiralty Law	Jonathan Guttoff - Roger Williams University School of Law
3	20	<i>Delegate report</i>	Operation of Research Vessels in South Pacific, Chile	Gonzalo Pereira - IFOP
10:00	30	Morning Break and Poster Session		
4	30	<i>Industry presentation</i>	Future Fuels	Mustafa El Zein - Glander Bunkering
5	30	<i>Compliance/ Legal/Insurance</i>	The Marine Scientific Research Diplomatic Consent Process.	Amanda Williams – US State Department
6	15	<i>Delegate report</i>	Focus on the French Fleet prospective at the horizon 2030 and beyond & Underwater technologies updates	Goulwen Peltier – IFREMER
7	15		New French Pacific and Atlantic regional vessel & RV Pourquoi Pas? Modernisation	Pierre Daelman - IFREMER
12:00	60	Lunch and Poster Session		
8	20	<i>Vessel Operations, moving towards the 21st century:</i>	Introduction to VARD and the vessel design process	Lee Grace - VARD
9	20	<i>Delegate report</i>	R/V “Gaia Blu”: management and technical challenges in the first two years of operation.	Lorenza Evangelista – CNR, Simona Villano-Argo, Pietro Rosiello - Argo
10	20	<i>Delegate report</i>	JTRACK IODP Exp.405	Yasuhiro Namba - Jamstec
11	20	<i>Industry presentation</i>	ABB Dynafin	Sampo Viheriälehto - ABB
12	20	<i>Delegate report</i>	The First 5 Years of R/V Legend	Shu-Heng Wu - Taiwan Ocean Research Institute
13	20	<i>Delegate report</i>	Hydrogen hybrid zero-emission coastal class research vessel at Scripps Institution of Oceanography: Progress and plan	Bruce Appelgate - SCRIPPS
15:00	30	Afternoon Break Poster Session		
14	20	<i>Compliance/ Legal/Insurance</i>	Foreign vessel clearance procedures for marine research requests.	Jennifer Vollrath, Pam McKale, Anthony Redican
15	20	<i>New Build</i>	NSF/OPP Antarctic Research Vessel project	Mike Prince - NSF
16	20	<i>Delegate report</i>	Update on NUYINA operations	Imogen Pearce – Australian Antarctic Division
17	20	<i>Industry presentation</i>	Project Management: From Tender Specification to New Build Delivery	Lauren Stotz – Maritime Survey Australia
	10	<i>Wrap Up Discussion for Day 2</i>		
17:00	Finish			
19:00 – 22:00 Conference Dinner - Top of Vancouver Revolving Restaurant (Dress code, Business Casual)				

Day 3 – Thursday 26th September 2024

Time	Duration (Mins)	Theme	Topic	Owner
08:30		<i>IRSO Meeting Day 3</i>	Administrative matters/logistics	Greg/Giuseppe
1	15	<i>Delegate report</i>	Managing an aging ship: The past, present, and future of RV Cefas Endeavour	James Parker - CEFAS
	15	<i>New builds</i>	MBARI, David Packard	Will Moon - Glosten
2	20	<i>New builds</i>	Canadian Coast Guard's new OOSV	Jeff Neilsen – DFO-MPO
3	20	<i>Industry presentation</i>	Sensor and data acquisition capabilities for science	Peter Reedeker, Darrell Groom -AML
4	30	<i>Industry presentation</i>	Canada's Polar Icebreaker - Program Update	Chris Hall - Seaspan
10:00	30		Morning Break and Poster Session	
5	20	<i>Vessel Operations, moving towards the 21st century:</i>	Genavir's carbon footprint and ways of achieving a 30% reduction with an ageing fleet + FuelEU Maritime	Rémy Balcon - GENAVIR
6	20	<i>Cooperation and Outreach</i>	Optimising ship time with international barter and collaborations	Eleanor Darlington - NOC
7	20	<i>Industry presentation</i>	Lessons learned and considerations for early collaboration, system integration, equipment trends, and warranty risks for new build planning and retrofits.	Colin Gillis – Hawboldt
8	20	<i>New builds</i>	New builds & overview of RV Pelagia operations over the last years before retirement	Zeynep Erdem - NIOZ
9	10	<i>Discussion</i>		
12:00	60		Lunch and Poster Session	
10	20	<i>Vessel Operations, moving towards the 21st century:</i>	'Developments in UK autonomous campaigns – under ice and over the horizon'	Matt Tiahlo – NOC
11	20	<i>Delegate report</i>	RV Investigator Mid-Life Refit	Sam Hinton - CSIRO
12	20	<i>Industry presentation</i>	Enabling multi-robot collaboration by integrating the Sonardyne Mini Ranger 2 system with the Robotic Operating System	Geraint West - Sonardyne
13	20	<i>Compliance/ Legal</i>	"Detained in Peru - a R/V FALKOR (too) Case Study"	Eric King – Schmidt Ocean Institute
14	20	<i>Delegate report</i>	Improving Bubble sweep down issues on R/V FALKOR	
15	20	<i>Industry presentation</i>	Research Vessel Projects, from shipyards perspective	Luis Mourelle – Gondan Shipyard
15:00	30		Afternoon break	
16	20	<i>Delegate report</i>	Investigation Systems and Voyages of SONGHANG	Prof. Liming Song - Shanghai Ocean University
17	20	<i>Industry presentation</i>	"Silent propulsion through Icy waters – Equipment challenges in Polar Conditions"	Trond Paulsen - Kongsberg
18	50	<i>IRSO Business</i>	CLOSED SESSION FOR RV OPERATORS ONLY Review of action items, IRSO 2025, INMARTECH 2025, Review of IRSO Terms of Reference, Review of IRSO website	
17:00	End of IRSO Meeting			

Friday 27th October – Optional Team building day

Morning - Visit to Seaspan shipyard.

Afternoon – Social event, Canadian Football League, BC Lions vs Hamilton Tiger-Cats

Details to follow