

# 2025 POLAR MARITIME SEMINAR

## SPEAKER BIO'S

### Opening and Welcome

#### **Dr. Heike Deggim**

Heike Deggim, a German national, joined the International Maritime Organization (IMO), the UN specialized agency responsible for the safety and security of shipping and the prevention of marine and atmospheric pollution by ships, in 1993. Following various technical positions in both the Maritime Safety Division (MSD) and the Marine Environment Division (MED) with progressively increasing responsibilities, she was in 2018 appointed as MSD Director and in that position also acting as the Secretary of the Maritime Safety Committee, IMO's senior technical body for ship safety and security related matters. In 2024 she was appointed MED Director and Secretary of the Marine Environment Protection Committee, the senior IMO body dealing with the protection of the marine environment, including air pollution from ships.



Prior to her career at IMO, Heike worked as R&D engineer in the German naval shipbuilding industry, followed by several years as Senior Researcher at the Shipbuilding Faculty of Rostock University, resulting in a PhD in fishing technology; and later in various positions in the German Maritime Administration dealing among other things with tonnage measurement of ships and issuing of Tonnage Certificates.

Heike graduated in 1983 in Germany with a Master's degree in marine engineering from Rostock University. She is a member of the Royal Institution of Naval Architects (RINA).

#### **Ms. Siv Christin Gaalaas**

Specialty Director – International Regulations and Polar affairs

Maritime Unit, Norwegian Ministry of Trade, Industry and Fisheries

Ms Siv Christin Gaalaas has been actively involved in national and international work in the maritime sector for more than 25 years. She has worked for the Norwegian Ministry of Trade, Industry and Fisheries since 2010, responsible for international maritime regulations and policies. Ms Gaalaas is the Norwegian national coordinator of IMO matters and a long standing member of the Norwegian delegation to IMO. She currently serves as Head of delegation for IMO FAL, TCC and is alternate Head of delegation to IMO Council and Assembly. Ms Gaalaas is a member of the



Board of Governors to the World Maritime University, where she currently serves as vice chair.

Her responsibilities as a Specialty Director also includes matters related to polar shipping, both in relation to the Arctic and Antarctic. Ms Gaalaas has a Master of Law degree with a focus on International Trade law, and a bachelor degree in business administration.

**Mr. Michael Kingston (Master of Ceremonies)**

Michael Kingston, Managing Director, Michael Kingston Associates, IMO Consultant, Special Advisor to Arctic Council's Protection of Arctic Marine Environment Working Group (PAME).



Michael Kingston, from Goleen, Co Cork, Ireland, comes from a long family history of fishing and merchant seafaring. He was awarded Lloyd's List Global Maritime Lawyer of the Year for his contribution to safety of life at sea in the Polar regions. Michael represented the International Union of Marine Insurance (IUMI) on the IMO's world delegation Correspondence Group in the final stages of the development of the 'ice regime methodology' (POLARIS), following his earlier work on specialist insurers, Lloyd's of London's 2012 Report '[Arctic Opening: Opportunity and Risk in the High North](#)'.

Michael also worked with the panel of experts that contributed to Lloyd's 2013 [Report 'The Challenges and Implications of Removing Shipwrecks in the 21st Century'](#). In July 2015 Michael was presented with the US Coastguard Challenge Coin for his efforts to promote maritime safety by raising awareness about the IMO Polar Code.

Michael is a key member of PAME's Organizing team that developed and administers the [Arctic Shipping Best Practice Information Forum](#) and its [Webportal](#), established to assist in the implementation of the Polar Code.

Michael has been a key member of the IMO Secretariat's team concerning the implementation of the 2012 Cape Town Agreement for the Safety of Fishing Vessels.

Michael has advised several Governments and international organizations, and he assists in representing IMO on PAME's project led by Iceland, Spain, and IMO: '*Raising awareness in the Arctic Council of the provisions of the 2012 Cape Town Agreement for the Safety of Fishing Vessels, as well as PAME's 'POLARIS Review Project'*'.

## SESSION 1: Trends in Arctic and Antarctic vessel activity

**Mr. Drummond Fraser**

Mr. Fraser is currently a Senior Policy Advisor with the Legislative, Regulatory and International Affairs branch of Transport Canada, Marine Safety and Security.



He joined Transport Canada in 2009 where he remains responsible for a variety of domestic and international Arctic shipping efforts, including the implementation of the *International Code for Ships Operating in Polar Regions* (Polar Code), and as Shipping Expert Group Co-Chair within the Arctic Council's Working Group on the Protection of the Arctic Marine Environment (PAME).

Mr. Fraser holds an undergraduate degree in International Relations from Mount Allison University and a graduate degree in Marine Management from Dalhousie University. He is located in Ottawa, Ontario, Canada.

**Dr. Jackie Dawson**

Dr. Jackie Dawson is the Tier 1 Canada Research Chair in Human and Policy Dimensions of Environmental Change and is a Full Professor in the Department of Geography, Environment, and Geomatics at the University of Ottawa. She served as the Scientific Director of Canada’s ArcticNet from 2018-24, where she established international science initiatives and partnerships and in co-developing Canada’s first Inuit-led research program – North by North. As one of Canada’s leading scientists in environmental change, her research has been focused on understanding impacts, risks, and adaptation strategies for ocean and coastal regions and she is well-regarded as an international expert in Arctic shipping, transportation, and oceans governance.



She is an elected Fellow of the Royal Society of Canada and is a Fellow of the Royal Canadian Geographic Society. She was a lead author on two chapters of the Intergovernmental Panel on Climate Change (IPCC) 6<sup>th</sup> Assessment report, as well as over five different Arctic Council reports. Jackie won several prestigious awards including most recently the SSHRC Impact Connection award (2020), the Governor Generals Innovation award (2021), and the Marty Bergman Medal for Polar Science and Leadership (2023) and the Dorthey Killam Fellowship (2024-26).

**Mr. Rob Hindley**

Rob is currently Head of Consulting and Technology Development at Aker Arctic. His role involves leading the practical application of arctic technology to new, and often novel, ice-going ship designs, transportation systems and offshore structures.



Previously Rob worked for Lloyd’s Register, where he held overall technical authority for ice class, winterization and implementation of the Polar Code. This included an assignment representing IACS at the IMO during the development of the Polar Code and coordinating the development of POLARIS, an ice risk evaluation system used to set operational limitations for ships in polar waters.

He is a Chartered Engineer, a fellow of the Royal Institution of Naval Architects, and holds a master’s degree in Naval Architecture from Newcastle University. He is currently undertaking postgraduate study at Aalto University with a focus on Arctic shipping risks and regulations.

**Mr. Hjalti Hreinsson**

Hjalti is a Program Officer at the PAME Secretariat. Since 2014, Hjalti has worked on numerous PAME projects as a project manager, especially on shipping projects. Hjalti works closely with the Arctic Shipping Best Practices Information Forum and the Arctic Ship Traffic Data (ASTD) which he will present on at the seminar. Hjalti has a BA degree in Media Studies and a master’s degree in Polar Law from the University of Akureyri and is completing a Postgraduate Diploma in Public Administration from the University of Iceland. Hjalti lives in Akureyri, Iceland.



**Mr. Jon-Arve Røyset**

Mr. Jon-Arve Røyset interest and fascination for the sea and the maritime industry started when growing up in Aalesund at the west coast of Norway. He has worked in the Maritime industry his whole career starting as a fisherman in the Barents Sea already in the summer of 1989. He has worked in ship building industry for Aker yards where he participated in building the ice breaker coast guard vessel KV Svalbard, among several other ships. Jon-Arve has also worked as a rescue diver both in Norway and on international missions.



His desk job career started as a consultant working for several large shipping companies in Oslo. His main task was shipping investments and market forecasting. Since 2003 he has worked at the Norwegian Coastal Administration (NCA) in different positions as a Senior Advisor, presently employed at the acute pollution response, environment, and planning department. His first major work at NCA was analysing consequences of shipping in connection with the integrated management plan of the Barents Sea. His main task at NCA today is risk assessments and environmental risk assessments and forecasting. His leader role in the development of the new and innovative risk model AISyRisk has received international recognition. Jon-Arve is also heading the permanent workgroup on risk assessment and response to new and greener ship fuels and shipping in NCA. This task will be his focus in the coming years. He has participated in PAME since 2017 where he has been Co-lead for ASTD, and he is also the project manager for a project on New low Sulphur Fuels.

He holds an MBA degree in Shipping and Logistics from Copenhagen business school and an LL.M degree in International Maritime Laws from IMO International Law Institute (IMLI) at Malta and a bachelor's degree from University of Oslo.

## SESSION 2: Voyage planning

**Mr. Peter Oppenheimer**

Peter Oppenheimer, Chief of the International Section of NOAA's Office of General Counsel since 2006, oversees an office that provides legal counsel to NOAA and other federal agencies on international environmental and ocean law, including the Law of the Sea Convention.



**Ms. Lisa Kelley**

Executive Director; Director of Operations & Government Affairs

Lisa joined IAATO in 2016. In her role as Executive Director, she provides leadership for the overall organization, guiding the efforts of the membership and of the Secretariat to fulfill the mission of promoting safe and environmentally responsible private-sector travel to Antarctica. As



Director of Operations, she leads on developing industry best practice and guidelines for field operations.

Lisa began working aboard expedition ships in 2000. Most at home in the polar regions, she has worked as undersea specialist, logistics coordinator, divemaster and expedition leader in the Arctic and the Antarctic. She was also the station manager at Palmer Station for the United States Antarctic Program during the austral winter of 2010. Passionate about the future of polar tourism, Lisa began representing operators in 2004 at the annual IAATO conferences, and contributed to AECO (Association of Arctic Expedition Cruise Operators). Her passion and commitment to safe and environmentally friendly polar travel lead her to her current roles.

Lisa's vast experience of diving "the Ice" led to her publishing *Below Freezing: The Antarctic Dive Guide* in 2006, now in its third edition. Her underwater experience and exploration of the Polar Regions led to her acceptance into the Explorers Club.

### **Mr. Taigh MacManus**

Having grown up on the water on the East Coast of Canada, Taigh developed a strong affinity for the sea and all things nautical from a young age. After leaving Search and Rescue with the Canadian Coast Guard, Taigh decided to explore beyond the usual limits, with the intention of pushing against the margins of the charts. Spending several years expedition yachts, a change in career brought him to discover his passion within oceanographic research.



Working at the Schmidt Ocean Institute for eight years onboard RV Falkor, he had the privilege of exploring undiscovered corners of the ocean and mapping significant sections of the sea floor. This ranged from sub sea sampling utilizing ROV systems, to gathering data on the health of the world's oceans.

For the past four years, Taigh's work has been focused Polar Expedition Vessels. This has allowed him to conduct projects for National Geographic and the BBC in the Arctic deploying submersibles to film wildlife, and taking passengers and scientists to Antarctica.

He is currently the Captain of Legend, a modified Soviet Era Icebreaker that takes passengers and scientists to some of the most remote places on earth.

### **Dr. Zaynab Guerraou**

Earth Observation Green Transition Data Application Scientist at the European Space Agency (ESA)

Dr. Zaynab Guerraou is an Earth Observation Green Transition Data Application Scientist at the European Space Agency (ESA), within the department of Climate Action, Sustainability and Science of the Earth Observation Programmes Directorate. She coordinates multiple projects focused on the development and deployment of Earth Observation (EO) integrated solutions to support the green transition and climate adaptation, leveraging EO data products in combination with other geospatial and interdisciplinary data, advanced analytics and cloud services. Her activities involve



engaging with diverse user communities to increase the adoption of satellite data and services across key sectors, such as shipping and energy. Her work also involves activities supporting the digital transition, particularly the development of digital cloud services for Earth Observation data exploitation.

Prior to her work at ESA, Zaynab worked as a research Engineer in signal processing, focusing on target detection and tracking applications for maritime surveillance. She holds a PhD degree in Physics and Ocean Remote Sensing with the French Aerospace Laboratory, Department of Electromagnetism and Radar, and the Mediterranean Institute of Oceanography (MIO), working on physical and empirical modelling of the sea surface. Zaynab also received an engineering degree in telecommunications from the École Nationale d'électronique, Informatique, Télécommunications, Mathématiques et Mécanique, Bordeaux, France, and a Master's degree in Image and Signal processing from the University of Bordeaux in 2014.

## SESSION 3: Polar Operational Limit Assessment Risk Indexing System (POLARIS) review

### Mr. Michael Kingston

Michael Kingston, Managing Director, Michael Kingston Associates, IMO Consultant, Special Advisor to Arctic Council's Protection of Arctic Marine Environment Working Group (PAME).



Michael Kingston represented the International Union of Marine Insurance (IUMI) on the IMO's world delegation Correspondence Group in the final stages of the development of the 'ice regime methodology' (POLARIS), following his earlier work on specialist insurers, Lloyd's of London's 2012 Report '[Arctic Opening: Opportunity and Risk in the High North](#)'.

Michael assists in representing IMO on PAME's '*POLARIS Review Project*'.

### Ms. Ivana Kubat

Mrs. Ivana Kubat is the Director of Research and Development at the Ocean, Coastal and River Engineering Research Centre of the National Research Council Canada. She has worked at NRC since 1997. During her time with NRC, she has become an expert on the risks to shipping due to compressed ice in Arctic and sub-Arctic regions. The outcome of that program is now in operational use by several agencies and government departments. She also led the development of comprehensive environmental and engineering databases and integrated systems for ice-structure interaction and Arctic shipping. The resulting products are now used by government agencies and private industry to assess and mitigate risks associated with offshore operations and navigation in the Arctic and harsh environments, ensuring safe and efficient operations with a minimum negative impact on Northern communities. Other projects include the development of iceberg drift models, verification of the systems used for regulating shipping, and the impact of climate change on Arctic shipping with regard to vessel damage and regulations. For her research accomplishments, Ivana received the 2014 NRC Outstanding Achievement Award in the Value for Canada Category.



Ivana has chaired and led numerous international conferences and forums and has been invited to give several keynote presentations. She is the Memorial University in Newfoundland Professional Associate. She has over 60 publications on ice engineering that have appeared in refereed journals and conferences and has been an active member of several committees focusing on activities in harsh environments.

**Mr. Rob Hindley**

Rob is currently Head of Consulting and Technology Development at Aker Arctic. His role involves leading the practical application of arctic technology to new, and often novel, ice-going ship designs, transportation systems and offshore structures.



Previously Rob worked for Lloyd’s Register, where he held overall technical authority for ice class, winterization and implementation of the Polar Code. This included an assignment representing IACS at the IMO during the development of the Polar Code and coordinating the development of POLARIS, an ice risk evaluation system used to set operational limitations for ships in polar waters.

He is a Chartered Engineer, a fellow of the Royal Institution of Naval Architects, and holds a master’s degree in Naval Architecture from Newcastle University. He is currently undertaking postgraduate study at Aalto University with a focus on Arctic shipping risks and regulations.

**Mr. Drummond Fraser**

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Mr. Fraser holds an undergraduate degree in International Relations from Mount Allison University and a graduate degree in Marine Management from Dalhousie University. He is located in Ottawa, Ontario, Canada.

**Mr. James Bond**

Based in Ottawa, Canada, James is Director Polar Research and Ice Class Ships and perform business development to Governments with the American Bureau of Shipping. Involvement in Polar shipping has been a theme throughout his 30+ year career. James represented the International Association of Classification Societies (IACS) at the IMO on Polar Code, was a member of the IACS project team that created the Polar Class structures rules, chaired the IACS Expert Group for Polar Code and works with the Arctic Council’s Protection of the Arctic Marine Environment (PAME) group. James guides work at ABS’ Harsh Environment Technology Center co-



located at Memorial University in St John's. He is a University of Waterloo grad, a register Professional Engineer and a Fellow of the Society of Naval Architects and Marine Engineers.

**Mr. Morten Mejlænder-Larsen**

*M. Sc. Nav. Arch. & Marin Eng.*

*Director Arctic Operation and Technology*

Morten Mejlænder-Larsen is responsible for Arctic Operations and Technology in DNV Maritime Classification. He has practical experience from participation in many Arctic related R&D, HAZID, Risk and Winterization projects. He has participated actively in the development of Centre for High North Logistics and the SAR project SARINOR.

Mr. Mejlænder-Larsen has 39 years of broad experience within different technical areas in DNV. He has for the last 20 years been responsible for the Arctic activity and his responsibilities includes verification of compliance with the IMO Polar Code. DNV has issued more than 400 Polar Ship Certificates.



## SESSION 4: Search and rescue

**Ms. Hanne Helen Bragstad**

Director Joint Rescue Coordination Center Northern Norway (JRCC)

Hanne H. Bragstad (1973) was appointed director of JRCC Northern Norway in June 2022. Her background is from the Royal Norwegian Airforce. This includes among other things service as fighter controller, radar operator at Maritime Patrol Aircraft, and as an exercise officer.

She has also served at Norwegian Joint Headquarters (NJHQ), where she held a variety of operative positions. As "senior staff officer operations" at the NJHQ she worked with national and international military operations. She holds a bachelor from the Airforce Academy and a master thesis from the Norwegian Defence college on Norwegian security policy.



**Commander Pablo Carrasco**

Deputy Head of the Maritime Rescue Coordination Center - Chilean Navy

Commander CARRASCO entered the Arturo Prat Naval Academy in 2000 and was commissioned as midshipman on January 1, 2005. Commander CARRASCO is a Coast Guard specialist and has a Certificate in Maritime Administration Engineering. He also holds a Certificate in Public Management and Leadership and a Certificate in Strategic Political Intelligence Analysis from Universidad de Concepcion and the National Academy of Political and Strategic Studies of Chile. In 2023, he completed the Master's Degree in Maritime Management and Leadership of the Chilean Naval War Academy.



His shore appointments included two years as Captain of the Port of Tocopilla and Panguipulli, and Head of the Operations Department at the Captain of the Port's Office of Valparaíso, Quintero, Talcahuano and Coronel.

He currently serves as Deputy Head of the Maritime Rescue Coordination Center, MRCC Chile at the Directorate of Safety, Security and Operations of the Chilean Navy.

### **Ms. Holly Haverstick**

Director of International Affairs and Foreign Policy Advisor (DCO-I) U.S. Coast Guard. Ms. Holly Haverstick, a member of the Senior Executive Service, currently serves as the Director of International Affairs and Foreign Policy Advisor for the US Coast Guard. In this capacity, she is responsible for developing, coordinating and implementing agency strategy, policies, and programs related to the Coast Guard's international activities.



Ms. Haverstick has extensive experience in international affairs, Security Cooperation, strategy and Foreign Military Sales (FMS). She previously served as the Deputy Assistant Director for Weapons at the Defense Security Cooperation Agency (DSCA). In this capacity, she was responsible as the senior industry ombudsmen, weapons systems technical subject matter expert, and lead expert on the various technology release processes. She also successfully led numerous multi-billion dollar international weapons systems competitions, worked closely with partners and Allies to define and fulfill critical operational requirements and co-drafted the U.S. Policy on Export of Unmanned Aerial Systems (UAS).

Other career highlights include: Director for Strategy at the DSCA. In this role she was responsible for co-drafting and implementing the 2018 Conventional Arms Transfer (CAT) Policy and implementing the sweeping Security Cooperation reforms mandated in the FY 2017 National Defense Authorization Act (NDAA). Prior assignments include: C4ISR Lead, DSCA Weapons; Regional Desk Officer for Europe, Department of State, Political Military Affairs Regional Security and Arms Transfer; Country Program Director for Middle East, Navy International Programs Office; FMS Case Manager, Space and Naval Warfare Systems Command.

Ms. Haverstick holds a Master of Arts degree in International Affairs from the Fletcher School of Law and Diplomacy at Tufts University, as well as a Bachelor of Arts degree in International Affairs from George Washington University.

### **Mr. Benjamin Strong**

Benjamin Strong is a member of the U.S. delegation to the Emergency Prevention, Preparedness and Response (EPPR) working group of the Arctic Council where he currently serves as EPPR Vice-Chair. Mr. Strong has held various leadership positions in EPPR, including chairing the Search and Rescue Expert Group.

Mr. Strong is a career civil servant with various assignments in Federal government. Mr. Strong served as the Director of the United States Coast Guard Automated Mutual Assistance Vessel Rescue System (AMVER) and was the Mass Rescue Program Manager in the U.S. Coast



Guard office of Search and Rescue, Washington, DC. Prior to working for the Coast Guard Mr. Strong served as a Program Specialist in the Federal Emergency Management Agency's (FEMA) Office of Urban Search and Rescue. While at FEMA he deployed to several national incidents including the World Trade Center attack on Sept. 11, 2001, and the Space Shuttle Challenger crash in 2003. Mr. Strong also served as a professional paramedic in the Prince George's County, Maryland Fire Department.

Mr. Strong is a graduate of the University of Maryland, Baltimore County where he earned both a Bachelor and Master of Science Degree in Emergency Health Services Management. Mr. Strong is a Senior Fellow with the Excellence in Government Partnership for Public Service. Mr. Strong served in the U.S. Air Force from 1987-1991. His personal awards include the Coast Guard Arctic Service Medal, Coast Guard Presidential Unit Citation, the Federal Emergency Management Agency Director's Award, a Prince George's County Fire Department Unit Citation for helping rescue three children from a house fire and he is the recipient of United States Department of State Meritorious Honor Award for his work with the Arctic Council.

**Mr. Andreas Brachel**

Vice President – Head of Claims Sustainability, Gard AS

Andreas is a lawyer specialised in Maritime and International law and his professional focus has always been towards environmental and casualty related claims. His current responsibility is to implement sustainability in Gard's global claims handling from both an operational and strategical perspective.



**Mr. Peter Oppenheimer**

Peter Oppenheimer, Chief of the International Section of NOAA's Office of General Counsel since 2006, oversees an office that provides legal counsel to NOAA and other federal agencies on international environmental and ocean law, including the Law of the Sea Convention.



**SESSION 5: Polar waters training**

**Mr. Haakon Storhaug**

Senior Adviser and Coordinator of international affairs at the Norwegian Maritime Authority

*Education:*

- Master's degree in International Relations, University of Cambridge



- Master of General Business, majoring in international shipping management, Norwegian School of Management

*Work experience*

- Joined the Norwegian Maritime Authority in 1990
- Worked for the International Labour Office in Geneva from 1992 to 1995 as Associate Expert, Maritime Industries Branch
- Norwegian Maritime Authority: Coordinator, technical cooperation activities at in Mozambique and Namibia
- Deputy Head of Delegation for the MLC-negotiations from 2001 to 2006, and the development and adoption of ILO Convention No. 185 on Seafarers' ID
- Head of Delegation for the ILO Work in Fishing negotiations, which was adopted in 2007
- Head of Delegation to HTW since STW 42 in 2011
- Head of Delegation to III since FSI 17 in 2009
- Member of Norwegian delegation to the Maritime Safety Committee since MSC 85.
- He is an IMSAS Lead Auditor.
- He is Head of Delegation to the ILO's Special Tripartite Committee
- He was re-elected Chair of the IMO HTW Sub Committee for 2025.

**Captain Milton Baron**

Capt. Milton Baron is a Technical Officer of the Maritime Training and Human Element section, Maritime Safety Division, in the International Maritime Organization (IMO) dealing with the implementation of the STWC Convention. He is currently responsible for the implementation of technical cooperation programs related to the training of seafarers and fishing vessel personnel and in particular with the implementation of the IMO's Polar Code Training Programme. Most recently, he implemented six regional train-the-trainer workshops for seafarers on ships operating in polar waters in the Arctic and Antarctic regions. As a ship's captain, he sailed on board container ships, chemical tankers, and general cargo.



**Irene Mortveit Ellingsen**

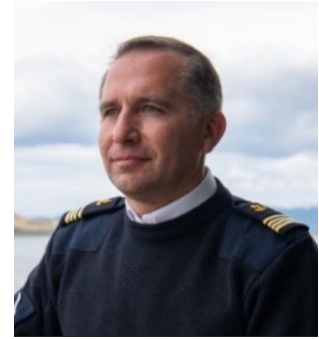
Senior Engineer

I am a trained mariner with several years of experience as a navigator on large gas ferries. After my time at sea, I joined the Norwegian Maritime Authority, where I have spent the past five years working primarily with the education and certification of seafarers. This role has allowed me to combine my practical maritime experience with regulatory expertise to support and develop the maritime industry.



### **Captain David Marionneau**

David Marionneau is a Master Mariner with over 25 years of experience at sea, including 15 years specializing in luxury cruises and expedition operations with Ponant. His expertise spans the management of ship operations in some of the world's most remote and challenging regions, including the polar areas of the Arctic and Antarctica, the Australia/New Zealand Sub-Antarctic Islands, and the Asia-Pacific region.



In 2022, Capt. Marionneau transitioned from his extensive seagoing career to become Director of Marine Operations at Ponant France, bringing his deep operational knowledge to the strategic level. Recently, he relocated to Australia to assume the role of Director of Marine Operations for the Asia Pacific region. His leadership is centered on ensuring the highest standards of safety in navigation and operations, as well as bringing his expertise to the continuous improvement of fleet-wide procedures in these diverse and demanding environments. Captain Marionneau's unwavering commitment to operational excellence and his passion for the maritime industry have established him as a recognized authority in marine operations.

### **Capt. Anthony (Tony) Patterson**

Capt. Anthony (Tony) Patterson is a Polar Code instructor based in St. John's, NL. He is a member of the Canadian delegation at IMO; Chaired the working group that developed Model Courses 7.11 & 7.12, and was the lead consultant for the IMO train-the-trainer workshops for Polar Code instructors. Most recently, he Chaired the international working group that reviewed the training regime implemented as part of the Polar Code. Capt. Patterson is a former officer in the Canadian Coast Guard, former Director of the Centre for Marine Simulation at the Marine Institute of Memorial University of Newfoundland, and former Managing Director, Training at Virtual Marine.



## **SESSION 6: Underwater radiated noise**

### **Ms. Michelle Sanders**

Michelle was appointed as Canada's Alternate Permanent Representative to the IMO in August 2022. Prior to this, she was the lead Director at Transport Canada responsible for, among other things, advancing Canada's efforts to address the impact of underwater noise from shipping on the marine environment, both domestically and internationally.

She has held various positions within the Canadian government focusing on matters of environmental law and policy, including species at risk, oil spill response, environmental enforcement, and environmental assessments. She is the founding editor-in-chief and an Advisory Board member of the *McGill International Journal of Sustainable Development Law and Policy* and holds an LLM in Global Sustainability and Environmental Law from the University of Ottawa.



**Mr. Ricardo Batista**

Naval Architect and Marine Engineer, working in IMO, Maritime Safety Division – Section on Marine Technology and Goal Based Standards. Secretary for Sub-Committee on Ship design and Construction and responsible for the files on Maritime Autonomous Surface Ships (MASS), Goal Based Standards (GBS), Intact Stability, Ship Structures and point of contact in MSD for Underwater Radiated Noise (URN).



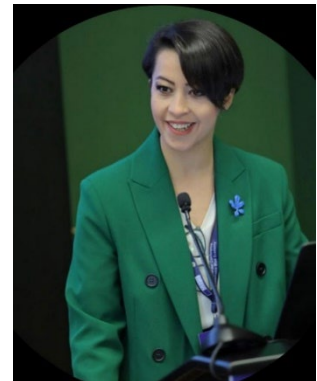
Previously worked in the field of sustainable energy systems for ships, for a total of ten years, notably with the last three at European Commission, Directorate-General for Mobility and Transport. In the Commission have been engaged in the development, negotiation and preparatory work for implementation of the FuelEU Maritime, a regulation that entered in force on 1 January 2025, designed to reduce the GHG intensity of the energy used onboard ships.

Before joining the European Commission, worked in the European Maritime Safety Agency (EMSA), responsible for technical and scientific support to the Commission on several topics of Ship Safety and Sustainability, with a focus on energy systems, fire safety and electrification.

In addition to the above, have Classification Society, shipyard and onboard experience, respectively as Naval Architect and Marine Engineer. Specialized in submarine design and construction.

**Ms. Sevtap Özdoğan**

Sevtap Özdoğan is a senior maritime professional with extensive expertise in international and EU maritime policies, as well as the blue economy. She currently serves as the manager of the GloNoise project at the International Maritime Organization (IMO). With over two decades of experience in transport policy and project management, she has played a key role in the development and execution of numerous high-impact projects supported by the EU and the World Bank.



**Ms. Lisa Koperqualuk**

Lisa Qiluqqi Koperqualuk was born in Puvirnituaq, Northern Quebec (Nunavik), Canada. Raised by her grandparents, her elementary schooling was done in Nunavik. With a Bachelor’s degree in Political Science from Concordia University, Montreal, she holds a Master’s degree in Anthropology from Laval University, Quebec City.



Fluent in Inuktitut, English and French, Lisa acted as Communications Officer for Makivik Corporation for seven years and participated in various regional, national and international fora.

Lisa served as ICC Canada’s Vice-President of International Affairs from 2018-2022 before being acclaimed as President at the 14th General Assembly in Kuujuaq, Nunavik on July 18, 2022. As VP of International Affairs, Lisa focused much of her work in the areas of international shipping

regulations, successfully leading ICC to receive provisional status at the International Marine Organization (IMO) where Inuit are the first Indigenous People.

As President of ICC Canada, Lisa also serves as ICC Vice-Chair. In this international role she promotes collaboration with the other ICC offices in Alaska, Chukotka, and Greenland, which currently holds the position of ICC Chair. She works for Inuit interests in self-determination advocating Inuit political and economic autonomy, social justice (particularly through Inuit law), and protection of the environment, culture and language.

### **Dr. Melanie Lancaster**

Dr. Melanie Lancaster is Senior Specialist, Arctic species, for WWF's Global Arctic Programme. She's a conservation biologist and has worked for a decade and a half on research and management of the multitude of threats facing wildlife and habitats. Her work has taken her to the ends of the earth – from the Antarctic to the Arctic. Melanie works to implement conservation of Arctic species.

She is particularly engaged in ensuring species have the conditions they need to adapt to rapid changes taking place in the Arctic. This includes protecting and connecting their important habitats and safeguarding them from impacts of increased industrial activity such as shipping and associated underwater noise.



## **SESSION 7: Pollution prevention measures**

### **Mr. Loukas Kontogiannis**

Head, Marine Pollution Section  
Subdivision for Protective Measures  
Marine Environment Division  
International Maritime Organization

Mr. Kontogiannis joined the International Maritime Organization (IMO) as a member of the Secretariat in April 2010.



In his current position within the Marine Environment Division, Mr. Kontogiannis is the Secretary to the Sub-Committee on Pollution Prevention and Response and also supports the work of the Marine Environment Protection on matters relating to prevention of ship-source pollution from oil (MARPOL Annex I), noxious liquid substances in bulk (MARPOL Annex II), sewage (MARPOL Annex IV), garbage (MARPOL Annex V) and ship recycling (Hong Kong Convention).

Prior to joining the Marine Environment Division in September 2017, Mr. Kontogiannis was a technical officer in the Maritime Safety Division (MSD) (December 2013 to September 2017). During his time in MSD, Mr. Kontogiannis was co-Secretary to the Sub-Committee on Carriage of Cargoes and Containers (CCC) and he supported the Maritime Safety Committee during the approval and adoption of several codes and sets of amendments to IMO instruments, including amendments

to SOLAS chapter VI relating to the verification of the gross mass of containers, the IMO/ILO/UNECE Code of Practice for the Safe Packing of Cargo Transport Units (CTU Code), the International Code of Safety for Ships using Gases or other Low-flashpoint Fuels (IGF Code) and the revised International Code of the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk.

### **Mr. Jon-Arve Røyset**

Mr. Jon-Arve Røyset interest and fascination for the sea and the maritime industry started when growing up in Aalesund at the west coast of Norway. He has worked in the Maritime industry his whole career starting as a fisherman in the Barents Sea already in the summer of 1989. He has worked in ship building industry for Aker yards where he participated in building the ice breaker coast guard vessel KV Svalbard, among several other ships. Jon-Arve has also worked as a rescue diver both in Norway and on international missions.



His desk job career started as a consultant working for several large shipping companies in Oslo. His main task was shipping investments and market forecasting. Since 2003 he has worked at the Norwegian Coastal Administration (NCA) in different positions as a Senior Advisor, presently employed at the acute pollution response, environment, and planning department. His first major work at NCA was analysing consequences of shipping in connection with the integrated management plan of the Barents Sea. His main task at NCA today is risk assessments and environmental risk assessments and forecasting. His leader role in the development of the new and innovative risk model AISyRisk has received international recognition. Jon-Arve is also heading the permanent workgroup on risk assessment and response to new and greener ship fuels and shipping in NCA. This task will be his focus in the coming years. He has participated in PAME since 2017 where he has been Co-lead for ASTD, and he is also the project manager for a project on New low Sulphur Fuels.

He holds an MBA degree in Shipping and Logistics from Copenhagen business school and an LL.M degree in International Maritime Laws from IMO International Law Institute (IMLI) at Malta and a bachelor's degree from University of Oslo.

### **Dr. Hui Peng**

Dr. Hui Peng is a Senior Program Engineer who works for Environment and Climate Change Canada. He obtained a Ph.D. degree in Chemical Engineering from the University of Ottawa in Canada and has been working for Environment and Climate Change Canada since 2006 on numerous national and international files. His expertise covers federal air regulatory framework development for industrial sectors, national and international environmental policy and programs. He has been participating in the IMO meetings as a member of the Canadian delegation since 2017, providing support and technical advice to the Canadian delegation on various files, including GHG, Black Carbon, NOx, scrubbers, and Emission Control Area.



**Dr. Sian Prior**

Dr. Sian Prior is the Lead Adviser to the Clean Arctic Alliance, a coalition of 24 non-profit organisations campaigning to protect the Arctic from the impacts of shipping. Formed nine years ago, the Clean Arctic Alliance focuses on reducing Arctic shipping emissions of black carbon and greenhouse gases to the atmosphere and wastewater discharges to the ocean. Sian specializes in interpreting marine science to support conservation and management policy and advocacy. She has over 30 years of experience of contributing to a variety of international, regional and national marine management and conservation frameworks on behalf of environmental and industry based groups and has undertaken secondments to government bodies.



**Mr. Wouter-Jan Strietman**

Wouter-Jan Strietman is a dedicated professional at Wageningen Economic Research, the Netherlands with extensive expertise in fisheries, marine governance, and marine litter. Passionate about addressing marine plastic pollution, Wouter-Jan specializes in leading research, raising awareness and fostering a deeper understanding of the sources, causes, and innovative solutions to marine litter, with a particular emphasis on the NE-Atlantic and Arctic regions.



**Ms. Soffía Guðmundsdóttir**

Soffía Gudmundsdottir has served as the Executive Secretary of the PAME Working Group of the Arctic Council for 24 years. She holds a B.Sc. degree in Chemistry from University of Iceland, M.Sc. in environmental engineering from University of Washington, Seattle, USA and an MBA in Finance and Business Administration from Oxford University. She is also a lecturer at the University of Akureyri Faculty of Law postgraduate course in Arctic Law: Industries in the field of shipping and marine resources in the Arctic. Has been a consultant to the UNEP Regional Seas Programme various issues related to the environment, climate and energy and currently serves as a board member of the Landsvirkjun, a publicly owned power company of Iceland and sits on their audit committee.



**Mr. Olivier Faury**

Olivier Faury is an associate professor of logistics and international transport at EM Normandie. His thesis, obtained in 2016, dealt with the economic attractiveness of the Northern Sea Route compared to the Suez Canal Route. Since 2013, he is the authors of numerous articles in academic journals such as “Transportation and Research part D : Transport and Environment”, Marine Policy or Annals of Operation Research and he has managed Special Issues in different academics journals. He managed and organized an international conference in May 2023 dealing with data and sustainable navigation. He is also since October 2020 associate member of “Conseil Quebecois d'Etudes Géopolitique”.





His research has focused on three points. The first deals with the economic viability of this shipping route for bulk carriers and container ships. The second focuses on maritime risk management in the Russian Arctic and includes legal issues. Finally, the third concerns the development of port infrastructure and the renewal of the icebreaking fleet in Russia. He is the co-editor of a book on maritime issues published by Routledge and the author of numerous academic articles and chapters on the subject.

## Session 8: Fishing vessel safety / Cape Town Agreement

### **Mr. Michael Kingston**

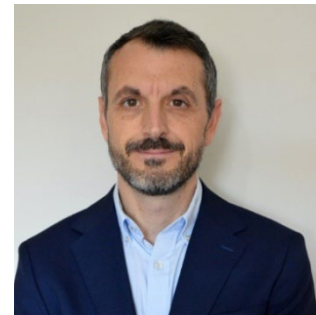
Michael Kingston, Managing Director, Michael Kingston Associates, IMO Consultant, Special Advisor to Arctic Council's Protection of Arctic Marine Environment Working Group (PAME). Michael Kingston, from Goleen, Co Cork, Ireland, comes from a long family history of fishing and merchant seafaring.



Michael has been a key member of the IMO Secretariat's team concerning the implementation of the 2012 Cape Town Agreement for the Safety of Fishing Vessels, including assisting in representing IMO on PAME's project led by Iceland, Spain, and IMO: *'Raising awareness in the Arctic Council of the provisions of the 2012 Cape Town Agreement for the Safety of Fishing Vessels'*.

### **Mr. Jose Casado**

Jose Casado is a member of the Spanish Maritime Administration for 20 years where started his career as Maritime Safety Surveyor. He is Port State Control Officer and ISM/ISPS Auditor, and from 2023, he is the Technical Advisor for Maritime Safety and Environment for the South Zone of Spain, where main areas as Strait of Gibraltar is located, and where fishing industry has a relevant role. He is also the current Chair of the III Subcommittee's Working Group on Survey Guidelines under the HSSC, the Non-exhaustive List of Obligations, and the Guidance on Remote Surveys, Audits and Verifications.



A Radio Officer of the Spanish Merchant Marine, recognizing the multidisciplinary role of the maritime sector, subsequently completed a postgraduate degree in International Maritime Law at Comillas Pontifical University in Madrid. Since October 2019, he is seconded as a national expert to the Spanish Permanent Representation at OMI.

Committed to safety in the fishing sector from the beginning of his career, he has been involved in different works for the ratification of the Cape Town Agreement of 2012, such as the Ministerial Conference on Fishing Vessel Safety (Torremolinos 2019), the development of the recently approve Guidance to assist competent authorities in the implementation of the Cape Town Agreement of 2012 (from its beginning as informal group), teaching the on-line course for the ratification of the Cape Town Agreement of 2012 through the Spanish Maritime Training Centre "Jovellanos", and of course, involving on this PAME project.

### **Dr. Heike Deggim**

Heike Deggim, a German national, joined the International Maritime Organization (IMO), the UN specialized agency responsible for the safety and security of shipping and the prevention of marine and atmospheric pollution by ships, in 1993. Following various technical positions in both the Maritime Safety Division (MSD) and the Marine Environment Division (MED) with progressively increasing responsibilities, she was in 2018 appointed as MSD Director and in that position also acting as the Secretary of the Maritime Safety Committee, IMO's senior technical body for ship safety and security related matters. In 2024 she was appointed MED Director and Secretary of the Marine Environment Protection Committee, the senior IMO body dealing with the protection of the marine environment, including air pollution from ships.



Prior to her career at IMO, Heike worked as R&D engineer in the German naval shipbuilding industry, followed by several years as Senior Researcher at the Shipbuilding Faculty of Rostock University, resulting in a PhD in fishing technology; and later in various positions in the German Maritime Administration dealing among other things with tonnage measurement of ships and issuing of Tonnage Certificates.

Heike graduated in 1983 in Germany with a Master's degree in marine engineering from Rostock University. She is a member of the Royal Institution of Naval Architects (RINA).

### **Mr. Cagri Kucukyildiz**

Mr. Kucukyildiz began his career in maritime in 2004 and served on board various type of ships as a deck officer. After 3 years at sea, he came ashore and worked in port operations, berth maintenance and planning until 2009. Later on he joined the Ministry of Transport of Turkiye and worked as a maritime expert till 2016. Lastly, after experiencing sea, shore and administration aspects of the maritime sector, he joined the International Maritime Organization and is dealing with maritime safety issues as the Acting Head of Marine Technology and Goal-based Standards. Cagri holds an MSc degree in tanker accidents and international oil pollution compensation regime.

