



16 – 17 March 2026

DIGITAL@SEA INTERNATIONAL SEMINAR

IALA HQ, Saint Germain en Laye, France

SEMINAR PROGRAMME

Maritime navigation becomes increasingly digital and data-centric. Disruptions to positioning systems, cyber threats, and failures in digital service delivery now pose real risks to the Safety of Navigation.

This seminar brings together maritime authorities, international organisations, and industry to develop a shared understanding of resilient navigation and to explore how S-100/S-200-based services, secure IP-based data distribution, and maritime connectivity frameworks such as VDES and MCP can strengthen operational resilience. The programme also examines the responsible use of artificial intelligence, balancing innovation with human oversight and safety.

Through expert presentations, panel discussions, and focused group work, participants will identify practical implementation pathways and contribute to greater harmonisation across IALA, IHO, IMO, and national authorities—supporting reliable, interoperable, and future-ready digital maritime services.

DAY 1 – Monday, 16 March 2026

Time	Activity	Chair / Speaker
09:00 – 10:00	Registration	
10:00 – 10:35	Session 1 – Opening and setting the scene	
15 min	Welcome and opening remarks	Omar Frits Eriksson (IALA)
15 min	Opening remarks	Dr Mathias Jonas (IHO)
5 min	Seminar introduction, format, and objectives	Omar Frits Eriksson (IALA)
10:35 – 11:05	Coffee break	
11:05 – 12:55	Session 2 – Trust, Security & IP-based Data Distribution	Chair: Jeppe Skovbakke Juhl (BIMCO)
20 min	Data distribution and global IP-based connectivity	Jeppe Skovbakke Juhl (BIMCO)
20 min	MCP as a trust & identity framework	Juho Pitkanen (Fintraffic)
20 min	S-100 ECDIS Sea Trials: Initial Results and Lessons Learned	Richard Doherty (CIRM)
20 min	System Boundaries in Digital Maritime Services: Who and What Are We Designing For?	Capt. Naomi Vanderstockt (Caerulea) – virtual
30 min	<i>Panel discussion</i>	
12:55 – 14:00	Lunch	
14:00 – 16:30	Session 3 – Resilient Navigation	Chair: Stefan Gewies (DLR)
20 min	Overview – PNT Threats and Risks	Dana Goward (RNTF) – virtual
20 min	What is resilience?	Andy Proctor (RIN)
20 min	AIS spoofing and cybersecurity considerations	Ed Wendlandt (RTCM) – virtual
15:00 – 16:30	Coffee break	
20 min	Spoofing and jamming in VTS	Tom Southall (IALA)
20 min	Cybersecurity initiatives in EU	Chronis Kapalidis (EMSA)
20 min	Using AIS data in detection and mitigation of GNSS spoofing	Dmitry Rostopshin (DINAV)
30 min	<i>Panel discussion</i>	
16:30 – 18:30	Welcome reception	





DAY 2 – Tuesday, 17 March 2026

Time	Activity	Chair / Speaker
09:00 – 10:50	Session 4 – S-100/200 as the backbone of Resilience	Chair: Guttorm Tomren (NA)
20 min	S-100 ecosystem update & roadmap	Thomas Richardson (UKHO)
20 min	S-200 series PS and sea trial	Minsu Jeon (IALA)
20 min	Lessons from early S-100 development and implementations	Juho Pitkanen (Fintraffic)
20 min	Lessons from early S-200 development and implementations	Sewoong OH (KRISO) – virtual
30 min	<i>Panel discussion</i>	
10:50 – 11:20	Coffee break	
11:20 – 13:10	Session 5 – Artificial Intelligence: Opportunity & Risk	Chair: Omar Frits Eriksson (IALA)
20 min	AI use cases in the aviation industry	Thierry Vanhaverbeke (Air France)
20 min	AI in Carbon-Neutral Port Operations	Hyerim Bae, Ph.D – virtual
20 min	AI use cases in VTS: National Authority view	Dennis Khoo (MPA) – virtual
20 min	AI assurance	Andre Burgess (NPL)
30 min	<i>Panel discussion</i>	
13:10 – 14:10	Lunch	
14:10 – 16:20	Session 6 – Maritime Connectivity for Resilient Services	Chair: Lukas Kim (AllforLand)
20 min	Outcomes of future MARCOM/MARNAV work	Stefan Gewies (DLR)
20 min	Non-IP vs IP-based connectivity	Mads Sølver Svendsen (Sternula)
20 min	Open digital incubator	Thomas Christensen (DMC)
20 min	VDES, satellite, terrestrial, hybrid models	Lukas Kim (AllforLand)
20 min	Enabling Maritime Services: connectivity in Korea	Korea MOF
30 min	<i>Panel discussion</i>	

Participation fee: EUR 150 per participant. The registration fee includes lunch provided on both days of the seminar.

Registration deadline: 06 March 2026

Max number of participants: 90 persons