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 – 10:20	**Session 1 – Opening and setting the scene**	
5 min	Welcome	**Omar Frits Eriksson (IALA)**
10 min	Opening remarks	**Omar Frits Eriksson (IALA)**
5 min	Seminar introduction, format, and objectives	**Omar Frits Eriksson (IALA)**
10:20 – 10:50	Coffee break	
10:50 – 12:40	**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	Service registration and discovery	**Richard Doherty (CIRM)**
20 min	BIMCO cyber guidance	TBC
30 min	*Panel discussion*	
12.40 – 14.00	Lunch	
14:00 – 16:30	**Session 3 – Resilient Navigation**	**Chair: Stefan Gewies (DLR)**
20 min	Overview of the Resilent PNT and risks	**Dana Goward (FRIN)**
20 min	What is resilience?	**Andy Proctor (RIN)**
20 min	AIS spoofing and cybersecurity considerations	**Ed Wendlandt (RTCM)**
20 min	Spoofing and jamming in VTS	**Tom Southall (IALA)**
20 min	Cyber resilience as navigational safety/ Cybersecurity initiatives in the EU (EMSA)	TBC
30 min	*Panel discussion*	
16:30 – 18:30	**Welcome reception**	

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International Organization for Marine Aids to Navigation

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	IHO vision to operational reality	**John Nyberg (IHO)**
20 min	S-100 ecosystem update & roadmap	**Thomas Richardson (UKHO)**
20 min	S-200 framework	**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	TBC
30 min	*Panel discussion*	
10:50 – 11:20	Coffee break	
11:20 – 13:10	**Session 6 – Artificial Intelligence: Opportunity & Risk**	**Chair: Woosung Sim (KRISO)**
20 min	AI use cases in the aviation industry	**Thierrry Vanhaverbeke (Air France)**
20 min	The Future of the Digital Ocean Through the Lens of AI	**Woosung Sim (KRISO)**
20 min	AI use cases in VTS: National Authority view	**Dennis Khoo (MPA)**
	AI use cases in VTS: Industrial member view	TBC
20 min	AI assurance	**Andre Burgess (NPL)**
30 min	*Panel discussion*	
13:10 – 14:10	Lunch	
14:10 – 16:10	**Session 7 – 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	TBC
20 min	Open digital incubator	**Thomas Christensen (DMC)**
20 min	VDES, satellite, terrestrial, hybrid models	**Lukas Kim (AllforLand)**
30 min	*Panel discussion*	

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