

Technical Paper Presentation Forum at GSC-2025

Green Horizons: Merging Technology, People & Circular Maritime Practices (Technical Papers)

Chair , Coordinators and speakers

Session Chair	S. Sampath	Class NK
Coordinator	Shri Pravin Kapale	DG Shipping
	Shri Mohan Singh Pal	IMEI
Speakers	Capt. Dinesh Sharma	Lloyds register
	Shri Jamil Al Ali	Bureau Veritas
	Shri R.Srinivas & Shri Avinash Vaze	Indian Register of Shipping
	Shri Rohit Agarwal	Guideship Consulting
	Shri Arpit Raj	DNV
	Shri. Jacob Isac	GRSE
	Shri Chirag Bahri	ISWAN

Session summary

- The Presentation of Capt. Dinesh Sharma from LR kick enlightened the audience on AI and digital transformation in the maritime industry.
- The Presentation of Shri Jamil Ali from Bureau Veritas presented Decarbonization Trajectories, and explained the vital Role of Digitalization.
- The Presentation of Shri R.Srinivas and Shri Avinash Vaze from Indian Register of Shipping highlighted the Cyber Resilient Network Architecture and discussed the challenges in network security and provided a brief overview on the concept of security zones , network segmentation and methods to address cyber security issues in an integrated network including use of cyber secured components towards network resilience.
- The Presentation of Shri Rohit Agarwal of Guideship Consulting discussed the relevance of ship recycling and its impact on India's environmental and economic landscape.
- Shri Arpit Raj from DNV put forth his views on Unlocking Circular Economy Potential in India's Ship Recycling Industry.

- The Presentation of Shri Jacob Isac from GRSE highlighted the India's Inland Waterways Renaissance in terms of Sustainable Propulsion & Innovative Green Designs and the initiatives by GRSE in decarbonisation projects.
- Finally the Presentation Shri Chirag Bahri delved into the important topic of Understanding the Impact of Decarbonisation on Seafarers' Wellbeing and presented the findings of an ISWAN survey

