



STEER Project

Seafarer Technology Engagement
Empowerment and Resilience

#ListeningToSeafarers

In collaboration

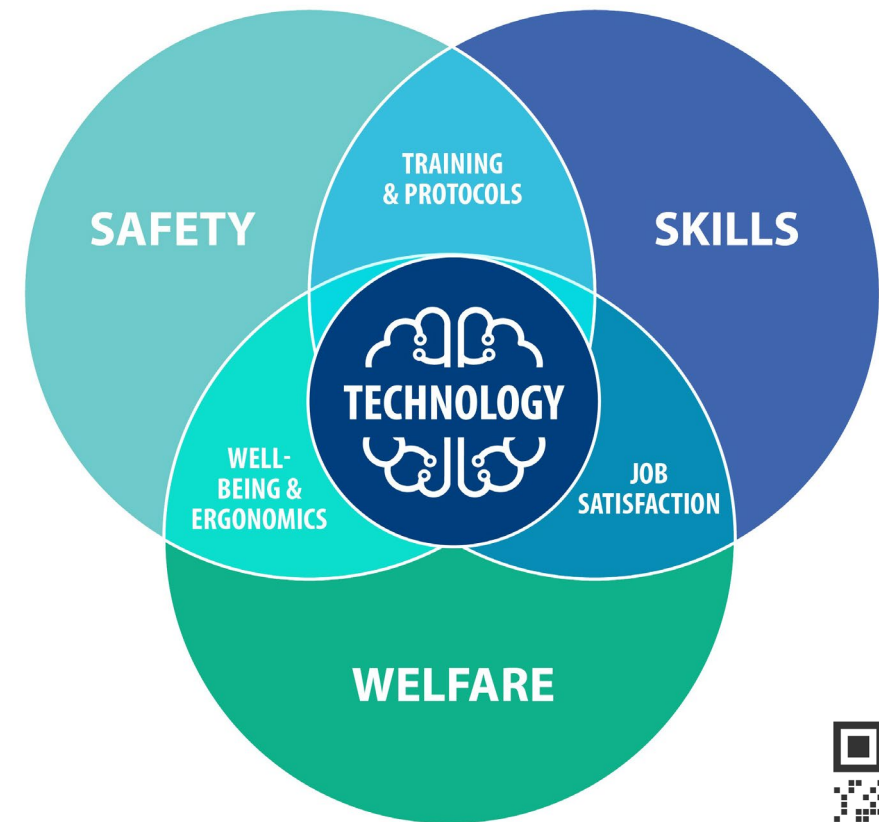


WHAT ARE WE DOING?

We explore the impact of simultaneous introduction of new technological systems and working practices on seafarers.



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THE STEER PROJECT



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OUR VISION

A maritime industry where **technology enhances safety, wellbeing** and **professional judgement**.

OUR MISSION

To **empower** seafarers at every career stage to operate **human-centred** vessel **technologies** with confidence and competence.



PROJECT OVERVIEW



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2.5-year research project, funded by Lloyds Register Foundation to:

1. Understand the combined **impact** of technology and working practices on **seafarers'** day-to-day work, safety, skills and welfare.
2. Develop a **practical toolbox** to enhance maritime safety, sustainability and technological integration.
3. Develop tools based on **direct seafarer feedback, not assumptions** what seafarers want or need.



THE JOURNEY



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Listen to seafarers' lived experiences with emerging technologies

Engage with stakeholders to understand priorities, constraints and areas for improvement

Conduct evidence-based research on the effects of automation, connectivity, and changing work practices

Develop practical decision-making tools that empower stakeholders to implement technology safely and effectively



RESEARCH



ENGAGE



DESIGN



DELIVER



LONG-TERM GOAL



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Enable tangible improvements in maritime safety and the interface between seafarers and technology:

- Foster **industry-wide behavioural change** that prioritises human factors alongside technical capability
- Ensure existing and future **seafarers are equipped with the tools, skills, support, and agency** to thrive in an increasingly automated maritime environment



WHICH SEAFARERS?



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The STEER Project aims to listen to a large cross section of seafarers of all ranks – deck, engine, catering, guest services, environmental, security:

Merchant Seafarers >3000gt

Merchant Seafarers <3000gt

Workboats <500gt

Naval Auxiliary Support

Commercial Fishing

Inland Cargo and Passenger

Commercial Yachting

Remote Operators



WHAT TECHNOLOGIES?



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The use of technology spans existing tech, future emerging tech and even the use of connectivity and personal tech onboard:

Automation e.g. DP, UMS	Use of Personal Tech e.g. Phones
AI / ML e.g. AR Nav	Alarms
Remote/Autonomy e.g. USVs	'Connected' ships e.g. sensor tracking
Digitisation e.g. Digital Logs	Use of screens and equipment



PLEASE SHARE YOUR THOUGHTS AND OPINIONS



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We would like to hear your opinion on how you find the use of technology in your job as a mariner. Your input will guide the development of fit-for-purpose tools and inform industry changes.

Join our community <https://www.nautinst.org/steer-project.html>

Email us steer@nautinst.org,

Join our forum <https://www.steer-project.org/>

[Survey A](#)



[Survey B](#)



HOW CAN BRANCHES SUPPORT US?



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Sign up to our community mailing list on the STEER homepage

<https://www.nautinst.org/steer-project.html> or via this QR Code

E-mail us any areas of expertise or specific ways you would like to get involved, or longer opinions, to: steer@nautinst.org

Spread the word! This is a project for all seafarers, not just Nautical Institute members or Deck Officers. Please encourage your crewmates and colleagues to sign up!

Invite us to participate in a branch event! Virtual or in-person, where feasible. Branch meetings, seminars, AGMs, local industry events...





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Empowering the leaders of the future

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