

A photograph of a sailor in a white uniform with gold epaulettes, standing at the helm of a ship. He is looking out through a window, and the ship's interior is visible in the background. The image is framed by a decorative border of blue and teal waves.

## **HUMAN-CENTRED DESIGN (HCD) SUB-WORKING GROUP INSIGHTS WEBINAR 2026**

# HUMAN-CENTRED DESIGN (HCD) SUB-WORKING GROUP INSIGHTS WEBINAR 2026

## INTRODUCTION

11:30 - 11:33

**Dr Jonathan Earthy AMIMarEST**  
Human Factors Coordinator, Technical Policy Group  
Lloyd's Register

## ENGINEERING SAFER MOORING: SHELL'S APPROACH AND KEY TAKEAWAYS

11:33 - 11:45

**Jim Brown**  
Technical Discipline Manager Shipping and Maritime  
Shell

## PUTTING PEOPLE FIRST: OCEAN PROJECT FINDINGS ON MARITIME SYSTEM DESIGN

11:45 - 11:57

**Dr Erik Petersen**  
Senior Researcher  
Western Norway University of Applied Sciences

## VOICES FROM THE SEA: HOW SEAFARER FEEDBACK SHAPES HUMAN-CENTRED DESIGN

11:57 - 12:09

**Aly Elsayed**  
Senior Technical Manager  
The Nautical Institute

## ORGANISATIONAL DYNAMICS OF HUMAN CENTERED DESIGN: KEY FINDINGS AND HOW YOU CAN GET INVOLVED

12:09 - 12:15

**Dhwani Oakley**  
Rules Ergonomist  
Lloyd's Register

## Q&A

12:15- 12:27

**Dr Jonathan Earthy AMIMarEST**  
Human Factors Coordinator, Technical Policy Group  
Lloyd's Register

## CLOSING REMARKS

12:27 - 12:30

**Dr Jonathan Earthy AMIMarEST**  
Human Factors Coordinator, Technical Policy Group  
Lloyd's Register

# SPEAKERS

## HUMAN-CENTRED DESIGN (HCD) SUB-WORKING GROUP INSIGHTS WEBINAR 2026



### Dr Jonathan Earthy

Human Factors Coordinator, Technical Policy Group, Lloyd's Register

Dr Earthy has over 30 years' experience at Lloyd's Register and is the technical authority for human factors in LR Marine & Offshore, specialising in human-centred design and ergonomics. He is a leading contributor to international research, standards, and IMO-related work, with academic, editorial, and industry leadership roles.



### Jim Brown

Technical Discipline Manager Shipping and Maritime, Shell



### Dr Erik Styhr Petersen, AFNI

Senior Researcher, Western Norway University of Applied Sciences

Petersen is a Naval Architect with a background in ship design and stability who later specialised in maritime research, human factors, and navigation systems. He is a Senior Researcher in Norway, where he coordinates international research projects including OCEAN and CUED.

# SPEAKERS

## HUMAN-CENTRED DESIGN (HCD) SUB-WORKING GROUP INSIGHTS WEBINAR 2026



### **Captain Aly Elsayed AFNI**

Senior Technical Manager, The Nautical Institute

He is a seafarer and ex-Master Mariner with over 25 years' experience in vessel operations, maritime training, and human-centred research. He is Senior Technical Manager for Research and Development at The Nautical Institute, representing the Institute at IMO and leading international research initiatives.



### **Dhwani Oakley**

Rules Ergonomist, Lloyd's Register

Oakley is an early career professional specialising in maritime human factors, ergonomics, and human-centred design. She is a doctoral researcher at the University of Southampton and a Rules Ergonomist at Lloyd's Register, where she develops human factors requirements, advises industry stakeholders, and contributes to research and IMO-related initiatives.

## THANK YOU FOR ATTENDING!