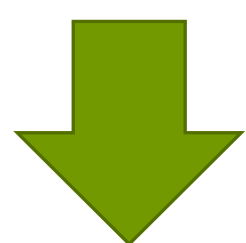
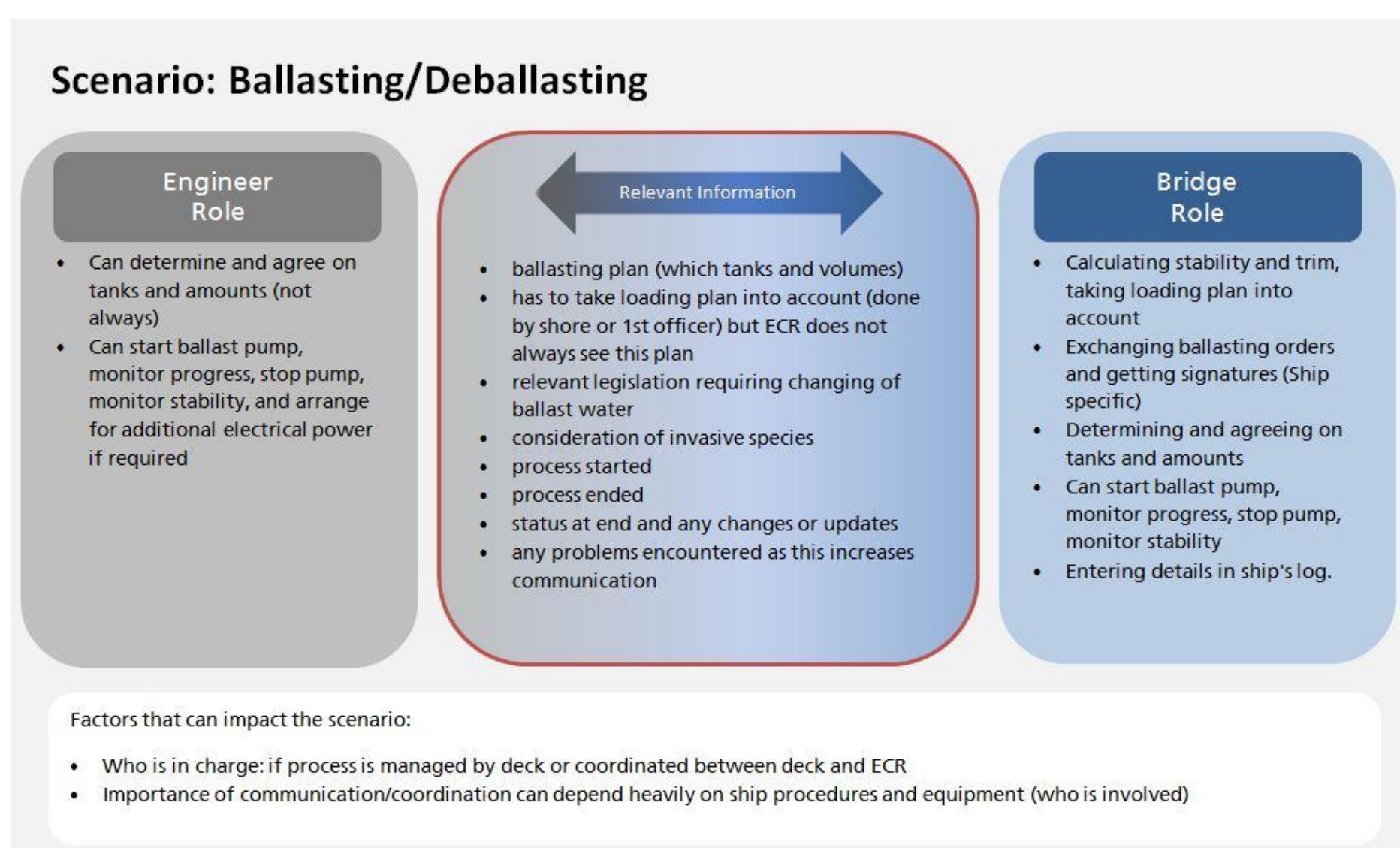


Bridge – ECR Communication and Collaboration

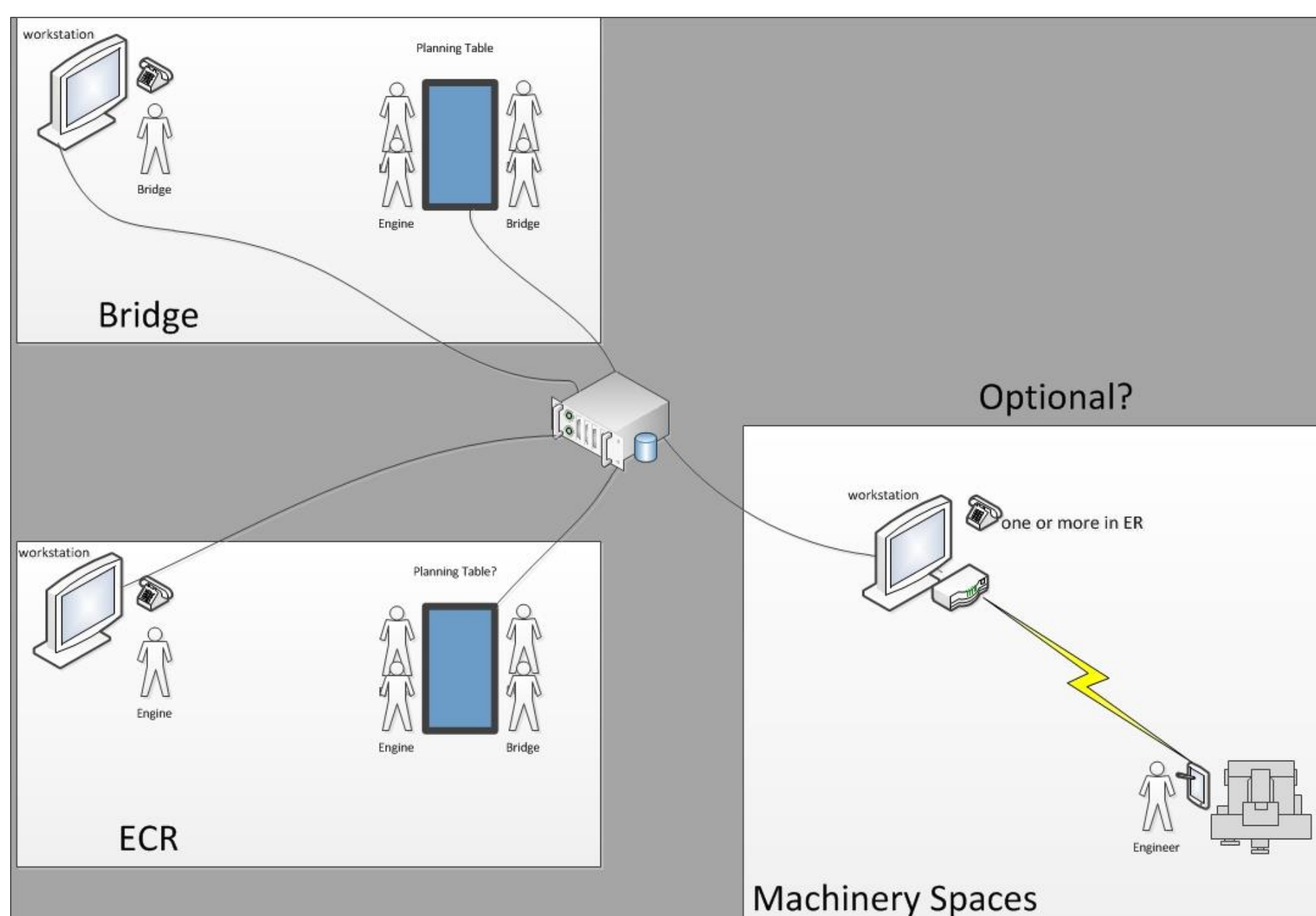


GOAL: Maritime Human Element Case Study: Designing for the communication and coordination between the bridge and ECR personnel.

Understand Tasks and Context of Use

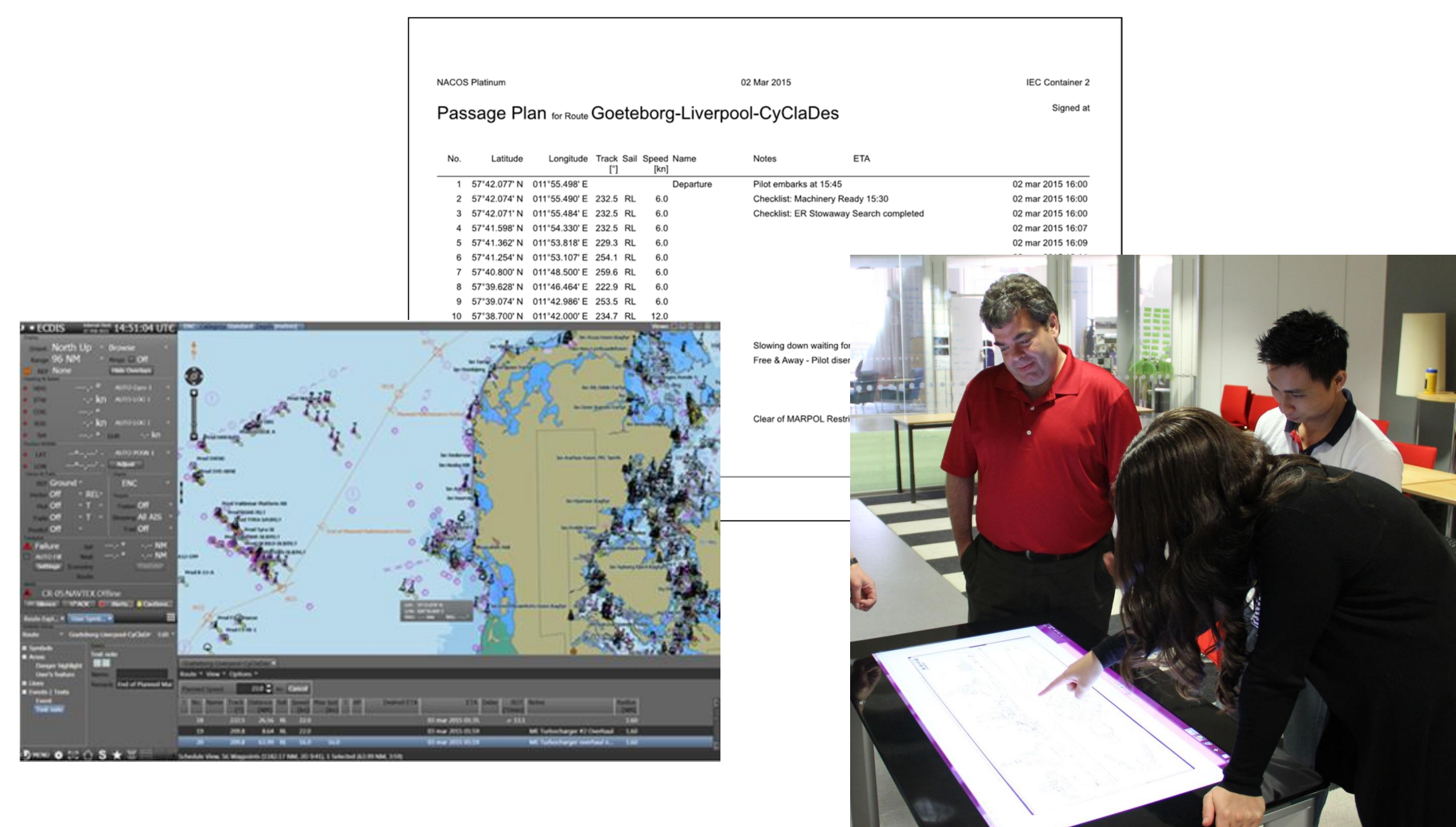


Develop Solution Concepts



METHODS: Human-Centered Design (HCD) methods applied to understand context of use, priority scenarios, problems experienced and to identify potential solutions.

- Observation
- Interviews
- Applied Cognitive Work Analysis
- Subject Matter Expert (SME) review
- Surveys
- Produce design requirements
- Demonstration with improved procedures & existing equipment



Test Solutions with Representative Users