

Feature: Are we on track?

Learning Strategy – From Fragmented learning to Learn to learn

You have to be on watch to learn how to be on watch.

Training only works in a classroom or during a sea phase.

Every new piece of equipment needs to have a training program.

For the Future

Focus on learning to learn, rather than learning to know or do; focusing on continuous learning, rather than stand alone programs. With so many new 'bits of kit' coming out, we can't be spending time training on each new tool – we need to learn how to learn, know how to decide what we need to know.



Learning Perspective – From Imitative learning to Continuous learning for the future

I learned it, so they need to also (the crushing cadet syndrome – when I was a cadet I had to... so you need to too).

I need to teach what I know, so they know it too (comfort zone – I know this, it was good for me, you need to know this too – it doesn't matter if it is for something that doesn't exist or is not used anymore...).

For the Future

Recognise that industry is changing continuously at a higher pace. We need to provide skills for the future, not the past.



Evolving roles – From Back to basics to Basics of the future

What happens when technology fails? You have to know the old ways! Nothing like looking out the window, mark-one eyeball.

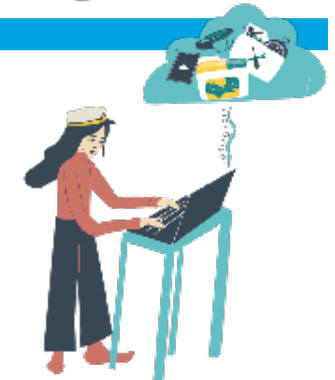
Need to keep up the basics – like using paper charts, set and drift, Astro, manual calculation for UKC/ADC, sketch and describe engines.

For the Future

We need to focus on the outcome of using new 'tools' – using the tools for safe navigation and efficient propulsion.

Focus training on the tools in use now, not the tools that were.

Change the 'basics' by increasing the ability to adopt to changing systems without losing the relationships to existing technologies.



Battle of the Ss – From Exclusion to Inclusion

Ship is better than shore ... no, shore is better than Ship ...

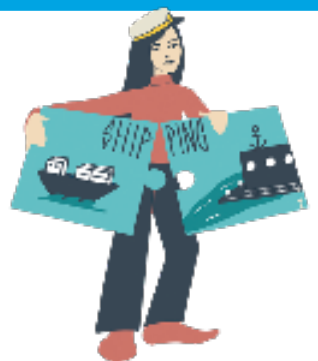
Ship: Why is the shore interfering? They live in that ivory tower and don't understand the 'real world'.

Shore: What are they trying to do on the ship? They don't understand the limitations or the equipment.

For the Future

Collaboration, information sharing, making use of digital data to support vessel resource management (VRM); port resource management (PRM) and beyond. Working to ensure physically and psychologically safe working environments.

Understand your role in global supply chain, there can be no shore operations without the ship, and ship operations need to work with shore.



Digesting Data – From Data ingestion to Data analytics

My role is operational. Data is not for me.

Data analytics isn't required for my role – I'm a mate, an engineer, a rating, a wharf worker...

Data is for the office boffins, the bean counters – not for those doing the 'real' work.

For the Future

Understand the role of data in improving decision making. Identify and develop skills not only as data providers but also as data consumers.

Utilise data analytics to enhance operational and capital efficiency.

Understand the data being generated, its use, what to trust and the relevance of data to the need for information.

