

DIGITAL SHIP

USA

Electronic Navigation

Alert

The International Maritime Human Element Bulletin
The Nautical Institute – Lloyd's Educational Trust

- Too Much Information!
- Making Information Work
- Information Management – A Shipmasters Perspective
- Will e-Navigation Help the Officer of the Watch Manage Information?
- Bridge Team Command and Control – Managing the Navigation Plan

"WAVES OF CHANGE"

By

John Robinson

The Nautical Institute

- Explores the shipping industries aversion to innovation and change.
- Demonstrates how improved performance is unlikely to result if new systems are *imposed*
- They are much more likely to succeed if technology is embraced by all those working within the organization

"WAVES OF CHANGE"

- Identifies how dying technologies have contributed to the industry's traditional culture and demonstrates how these cultural, environmental and structural frameworks continue to undermine the opportunities created by technology

Just a Few articles since the last
Digital Ship USA Conference

Digital Ship Articles

- **Getting More From AIS**
- The Human Factor and the Digital Ship
- Faulty Navigation Systems
- **Developing an ECDIS Mindset**
- Balancing Technology and Integrity
- S-Mode and User Needs
- **ECDIS Pre-Loading – paperless navigation's next step**

Digital Ship Articles

- GPS Jamming and Maritime Safety
- Technology and Bridge Design
- AIS – Training and Technology
- Positioning – Call for Back –Up
- Improving Position Accuracy – GLONASS
- **Distribution and Training For ECDIS Must be Addressed**

Digital Ship Articles

- Going Paperless at Tarntank Ship Management
- ECDIS – Assisted Grounding Raises training Concerns
- When Integrated Systems Create Integrated Problems
- The Journey to Adequate ENC Coverage

Seaways Articles

The Nautical Institute

- Shore –based Pilotage
- Bridge Teamwork in the Electronic Age
- A New Approach to Bridge Team Management
- From Paper Charts to ECDIS
- Electronic Navigation and the Maritime Law

Seaways Articles cont'd

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- IMO Adopts e-navigation
- Humans and Technology
- Bridge Innovation and Safe Navigation
- Addressing the Human Element
- Conning / not Conning –towards a maritime pilot /co-pilot system
- Integrating Maritime Navigation in Europe

Seaways Articles cont'd

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- That Dreaded Human Factor
- Technology For Us – Not For Its Own Sake
- Bridge Design
- Vessel Automation and Bridge Resource Management
- Virtual Aids to Navigation
- Modern Technology – mariners awareness, competence and confidence

Seaways Articles cont'd

The Nautical Institute

- Marine Information Overlays
- What's Up in Navigation Displays?
- Modern Watchkeeping and the Human Element
- Technology and the Human Element

Maritime Educators Need Your Help

- What basic I.T. knowledge and skills are needed for a ships officer to operate and manage I.T. equipment efficiently?
- What would the course content for an I.T. course for merchant officers?