

ECDIS

The next steps
and P&I



NorthStandard

Past events



BBC NEWS

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Thursday, 2 January, 2003, 19:39 GMT

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Crash ship crew 'oblivious' of wreck



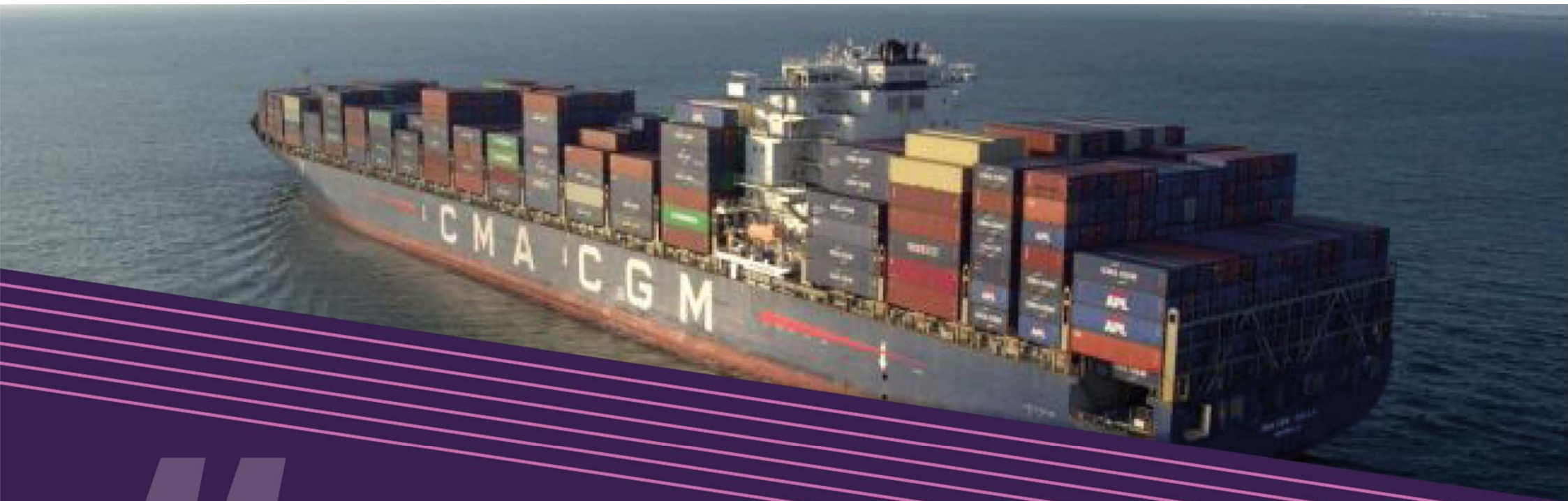
Talking Point
The Vicky is being inspected for damage

Country Profiles
In Depth

Programmes

The crew of an oil-laden ship which collided with the Channel wreck of the Tricolor may not have known of the impending danger, it has emerged.





Had there been a warning on the chart about charted depths being unreliable the master would have been, as it seems to me, most unlikely to have decided to navigate beyond the buoyed fairway.

ADMIRALTY JUDGE



Would those cases have happened?

Positives of automatic ENC update



**Constantly up to date
ENCs – clear navigational
safety benefits**



**Crew aware immediately
that their passage plan
may need changing**



**Improved hazard
awareness**



**Less points of
failure for crew**



**Less defects / detentions
from PSCO**



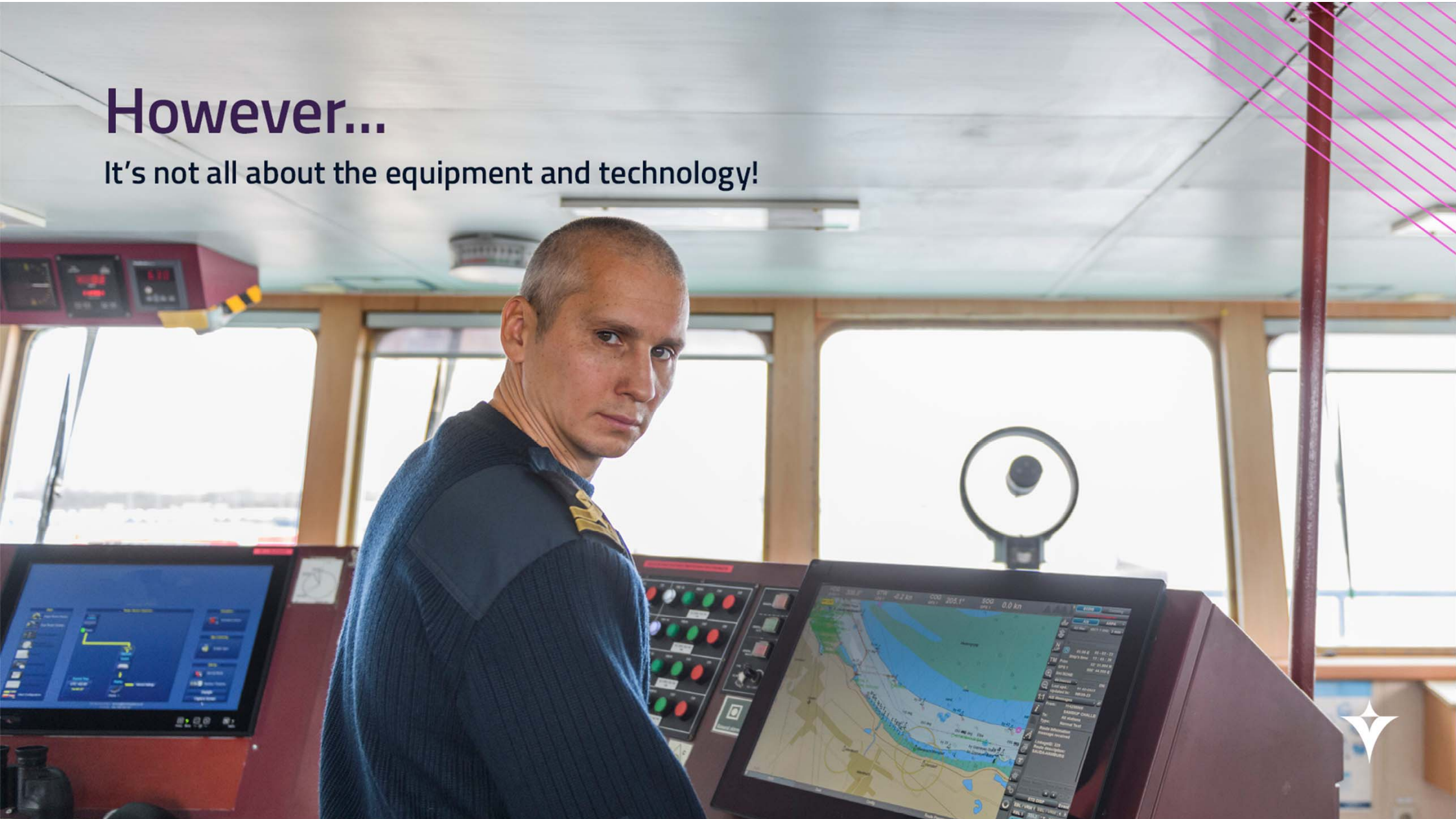
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**Less defects and
issues for P&I club
condition survey**

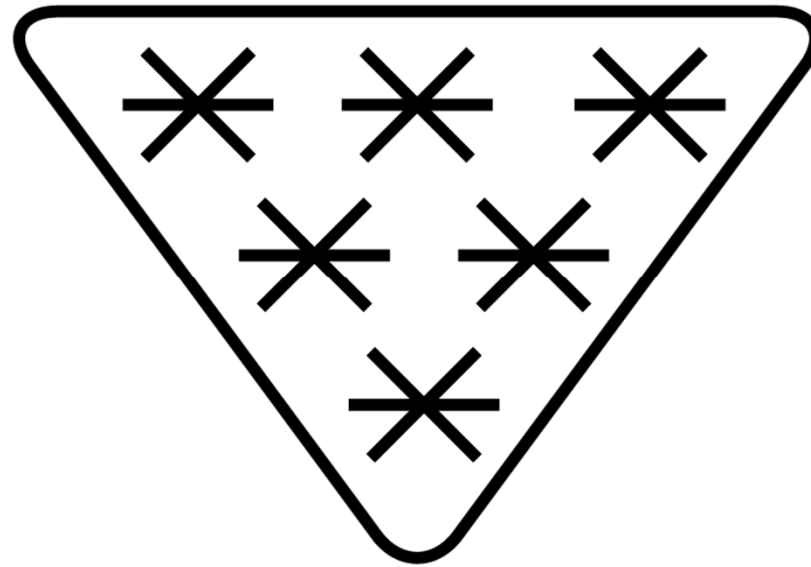


However...

It's not all about the equipment and technology!

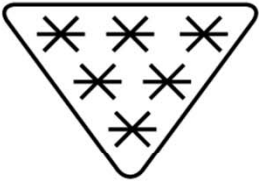


Remember these?



Still deeply misunderstood

And still on many occasions not even used!

ZOC	ZOC Symbol	Position Accuracy	Depth Accuracy	Seafloor coverage
A1		$\pm 5 \text{ m} + 5\%$ depth	$0.50 + 1\%d$	Full area search undertaken. Significant seafloor features detected ⁴ and depths measured.



Potential Practical Issues...



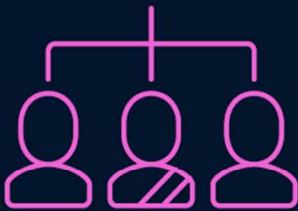
Crew notification of a change to the ENC they are or will be using



Relies on safety features already misused



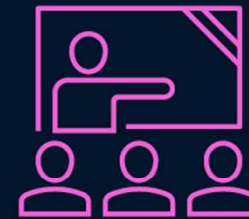
Changes to be approved by Master?



Informing others in the team of changes?



SMS / Procedural Changes

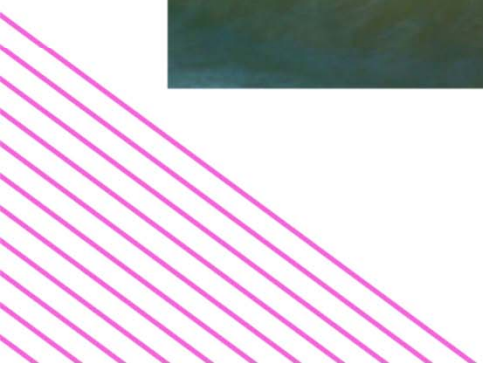
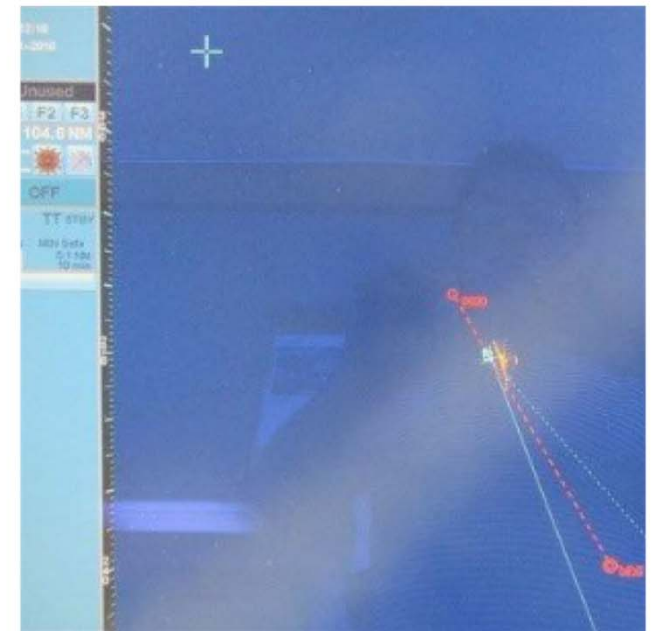


Training changes – internal and external?



Modern crew issues

Video game navigation...



What could affect cover?

No precedent set as such



**Installation /
Commissioning**



Crew familiarisation



ETA - ECDIS Training Assessment

The image shows a desktop monitor and a smartphone displaying the NorthStandard ECDIS training assessment interface. The desktop screen shows a question about orange lines on an ECDIS screen shot, with a sidebar menu and a list of four multiple-choice options. The smartphone displays the same content in a mobile-optimized view.

Desktop Screen Content:

- NorthStandard logo
- Appraisal & GK > ENC Installation and Updating
- John Southern (john.southern@nepia.com)
- Question 8 of 48
- 03:59:08
- On the below ECDIS screen shot what do the orange lines represent?
- ECDIS screen shot showing orange lines on a map.
- (Choose 1 answer)
- Options:
 - No-go zones as per the passage plan.
 - Alerts of shallow areas as per the safety settings inputted by the user.
 - Review of automatically applied updates.
 - Temporary and preliminary notices on the AID.

Smartphone Screen Content:

- 15:50
- AA | ecdis.nepia.com
- NorthStandard logo
- Appraisal & GK > ENC Installation and Updating
- Question 8 of 48
- 03:58:07
- On the below ECDIS screen shot what do the orange lines represent?
- ECDIS screen shot showing orange lines on a map.
- (Choose 1 answer)
- Submit Answer button





ECDIS

The next steps and P&I

Thank you



NorthStandard