

Comment & Opinion

Focus

Chief Executive Philip Wake FNI

Captain's column

Are we taking the wrong approach to training and education?

■ Features

President's Address

Where the Institute is going the big picture

Chairman's report

Proceedings of the AGM; Awards and **Fellowships**

Hon treasurer's report

Financial position of The Nautical Institute

Seminar report

The future of maritime administrations and of the industry as a whole

13 **Driverless ships**

Could the ship of the future have an empty bridge?

Expanding Panama

What the expansion of the Panama Canal means for ships and trade

Investigating for fatigue

Paul Drouin explains a complex but essential skill

Bulk cargo safety

The latest initiative to reduce cargorelated losses

STCW - what next?

The most recent changes must not be the end of the story



MARS

MARS reports

Stopper pin failure; emergency air compressor; dropping anchor underway; steering failure; surge protection devices; backfall protection

Reporting back

Nautelex

News affecting the maritime professional

Reviews

Tugnology, World Maritime University Seminar, Pilot Ladder Safety

Members & Branches

NI Log

Reports on branch activity and events

33 Letters

36 People

Promotions, job moves, awards and more

Cover photo: Danny Cornelissen

Seawa<u>ys</u>

The Nautical Institute

202 Lambeth Road London SE1 7LQ

Tel:+44 (0)20 7928 1351 Fax:+44 (0)20 7401 2817

Website: www.nautinst.org

Editor: Lucy Budd BA (Hons) email: editor@nautinst.org

Advertising Manager:

Tony Stein, Apartment A, Chilston House, Pembury Road, Royal Tunbridge Wells, Kent, TN2 30N

Tel +44 (0)1892 514508 email: tony.r.stein@btinternet.com

Nautical Institute Chief Executive:

Philip Wake MSc, FNI email: cpw@nautinst.org

The Nautical Institute President:

Captain S Krishnamurthi FNI

Vice Presidents:

Captain A R Brink FNI, Captain R J McCabe FNI, Captain S Tuck FNI. Captain D Snider FNI.

Treasurer: Captain R B Middleton FNI

Publications sales email:

pubs@nautinst.org

Membership enquiries email: member@nautinst.org

DP Certification & Training email:

DP@nautinst.org