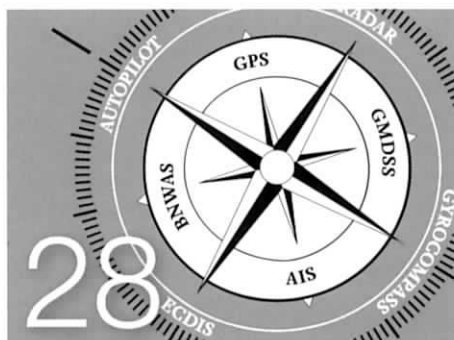
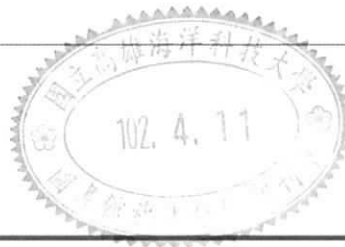


contents

May 2012, Vol 46, No 519



Features

18 Bulker safety

How can seafarers protect themselves from nickel ore liquefaction casualties?

28 Navigation and bridge

Poor design and incomplete standards may be holding back bridge innovations

34 Enclosed-space safety

Fresh approaches to training and drills can help reduce enclosed-space casualties

on the cover



Damaged cargo ship *Union Moon* is shown moored following a collision with ro-pax *Stena Feronia* (background) at the mouth of Belfast Lough, Northern Ireland. No injuries were reported in the 7 March incident, though ferry passengers were mustered and donned lifejackets. The full story can be found **on page 12**

Regulars

4 Our say

There will be no quick fixes for liquefaction problems, says SAS's managing editor

5 Your say

One reader says life at sea is a let-down and another questions the value of *BMP4*

6 News

Stolt Valor explosion; *Silver Shadow* in collision with box ship; few early takers for ECDIS; Chinese casualty round-up; *Union Moon* charge; *Rabaul Queen* reprisal

14 Security news

EU backs anti-piracy land strikes; 'no alternative' to armed guards; ReCAAP stays in Singapore; *City of Poros* conviction

16 Training news

GlobalMET cadet record books; Videotel competency tool; Sabella drill videos, Seychelles maritime training centre opened

40 Regulation insight

Changes to fire safety regulations examined

41 Products

ISS and VPS offer ballistic protection, while Iridium pilots its new broadband solution

42 Safety briefing

Cautionary tales of a grounding, a chemical burn and a container stack collapse

44 MARS

A fatality caused by a parted mooring rope and an incinerator fire are explored in detail

50 View astern

Pirates and prisons in paradise

For further in-depth coverage go to safetyatsea.net



Dacon Rescue Frame

- Hydraulic, single handed operation
- Models for any freeboard height and vessel type
- Quick, effective and safe recovery

Agents - Please see www.dacon.no for full details.

- Australia: Wiltrading (WA) PTY Ltd.
- Canada: K & D Pratt Group Inc.
- China: Jimei Marine Service Co. Ltd.
- Denmark: DK - Sea Safety AS
- UK: Ocean Safety Ltd.
- Spain: Tridente SL
- Sweden: Sjösäkerhetsservice
- The Netherlands: Traconed B.V.
- USA: High Seas Trading Co. • Polaris Partners

DACON

Dacon AS, Norway

Phone: +47 2106 3510 Fax: +47 6753 3440
E-mail: rescue@dacon.no Web: www.dacon.no
Manufacturer of man-overboard recovery equipment through 25 years

- Dacon Rescue Scoop: Powered recovery system for larger rescue vessels
- Dacon Rescue Frame: Manual/Power assisted recovery equipment for smaller rescue craft
- Dacon Rescue Basket: A stable rescue platform
- Dacon climbing Aid: Scrambling/Recovery net
- Dacon Rescue Dummy: A full size mannequin for realistic training exercises