



PORTS HARBORS

Official Journal of the International Association of Ports and Harbors

Plan fit for a Prince
Rebuilding Haiti's devastated port

Dust dampener
Controlling the effects of moving bulk goods

The rising tide
Sea level increase not just ports' problem



LNG links

Supporting shipping's green bunker choices

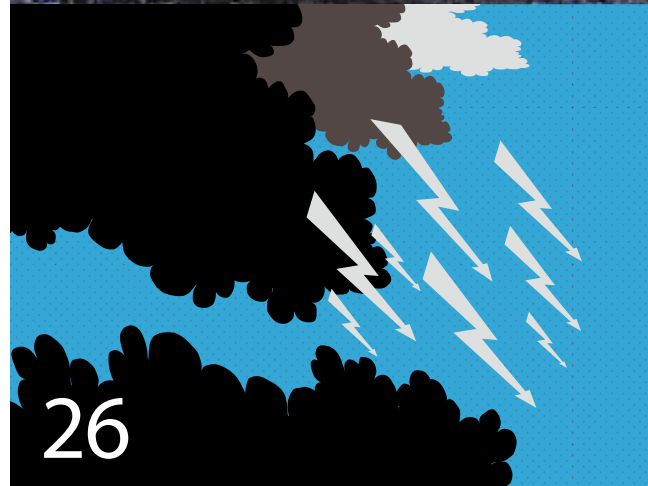


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- Comment:** LNG bunkering; P3 alliance; plus a new IAPH council is created **3**
- News:** Philippines ports resume operations after Haiyan; limited cruise access to Venice; sea levels at COP19 **4**
- Open Forum:** John Richardson, ESPO award committee chair, considers sustainable development for ports **10**
- Cover Story:** LNG-fuelled ships will need to bunker somewhere, but which ports will benefit? US vessel container operator takes the plunge and commits to LNG fuel **12**
- Maritime Update:** Onshore power supply voltage debate; IMO encourages ballast water regulation uptake **32**
- IAPH Info:** IAPH meets in Amsterdam for Europe/Africa regional meeting; TF&PCS committee come together in Portugal; meet Women's Forum VP Siti Noraishah Azizan **36**
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Ports will form part of the LNG bunker landscape as uptake of the low sulphur oxide fuel increases

Photo: Hannah Kidd/Shutterstock



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Neighbours

Ports and cities must cooperate

Ports without paper

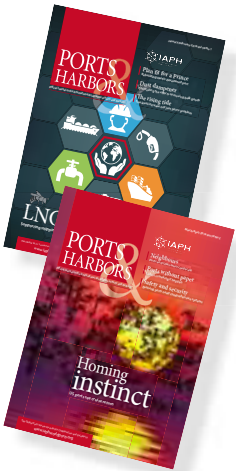
Lisbon is making it happen

Safety and security

Evolving ports need comprehensive systems

Homing instinct

US ports see cruise return



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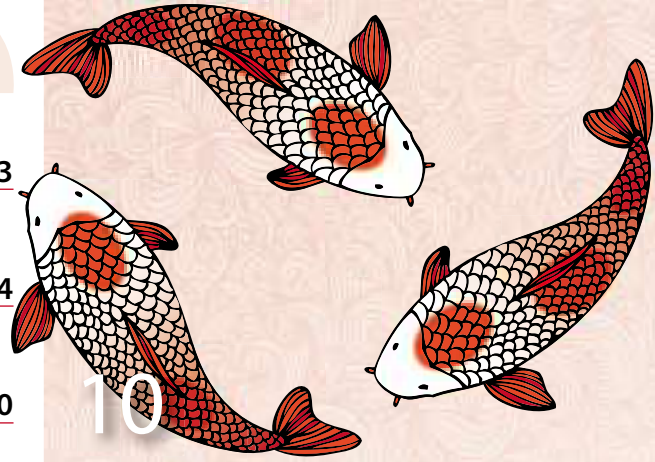
US ports are benefiting from energy's import/export reversal and are less impacted by emission regulations than expected

Photo: Shutterstock/Hannah Kidd

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- News:** Somali ports development hopes; global port alliance; UK pupils learn about ports; Jebel Ali ups capacity **4**
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Electrifying equipment
Port cranes reduce emissions

Access to Antwerp
Making the river port attractive

Bridging the box gap
India increases container capacity





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Developers are transforming the maritime map of West Africa

Photo: Choo Eng Koay/Shutterstock

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Comment: Secretary General Naruse highlights the recent Mid-term conference **3**

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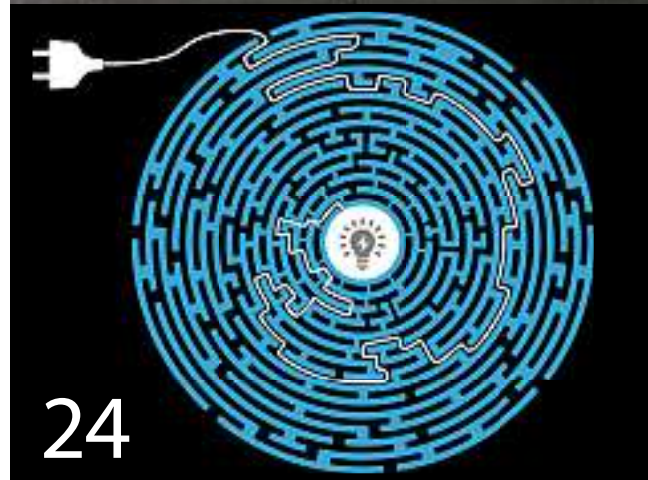
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Looking at alternatives

Pressure mounts for pollution cuts

Safer and cleaner

Automation is gaining ground globally

Protecting the whales

Dredging in a sensitive environment

Thinking green

Ports are changing over to
cleaner technologies



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Wind turbines, solar panels, shore power, smart systems, and LNG fuel are just some of the ideas generated at the IAPH Sydney conference

Photo: Hannah Kidd/Shutterstock

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News: Trieste discusses ro-ro imports expansion; Chiquita back in New Orleans; Portsmouth talks EU funding **4**

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Port software
ROPES survey results are in

Infrastructure
Improved vessel congestion and safety

Greer Inland Port
Generating jobs away from the coast



Time to expand

Asian ports prepare for growth



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Asian growth is fuelling changes

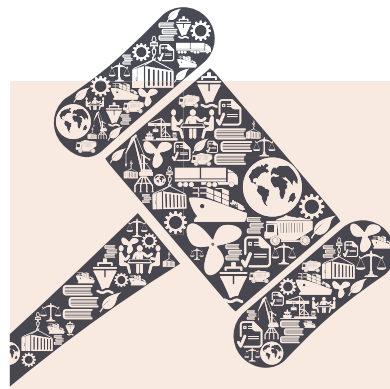
Photo: Shutterstock

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- Comment:** SG Naruse highlights the association's agenda for growth **3**
- News:** LNG to drive use of Northern Sea Route; LNG bunkering at Rotterdam; piracy, sea robbery rise 16% **4**
- Open Forum:** The port, the public body. *Alison Oldfield* of Eversheds on legal challenges to port decisions **10**
- Cover Stories:** Asia & Oceania: Shanghai – size does matter; India – major ports fight back; Indonesia – trade growth necessitates better port infrastructure **12, 14, 16**
- Maritime Update:** WPCI launches LNG website; new LNG RP in Qatar; Togo pilots single window; Ebola threat; Hamburg Süd gets connected; pirates attack in open ocean; AnchorageNet **32**
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Informing on piracy

What's happening – at a glance

Ongoing policing

How Gulf of Aden is fighting back

Oil siphoning

Asian 'spike' raises concerns



Piracy hot-spots

Raising awareness



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Piracy – action and reaction

Illustration: Shutterstock, Carolina Lorenzo

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News: US harbour funding; shipping resumes into Iran; Hamburg dredging wait; Kobe-Osaka gets underway; Transnet to raise spending ... **4**

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Topical: Twin hopes for Haiti – *Greg Miller* reports five years on from the devastating earthquake; Transforming Bujumbura Port – landlocked Burundi has a master plan for this inland port, reports *Shem Oirere*; Singapore embarks on first phase mega-port construction – a joint report by *Moyoun Jin* and *Crystal Chan* **26, 28, 30**



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