

contents

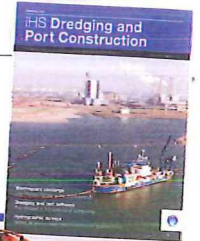
March 2012 | Dredging and Port Construction

The official magazine of the **Central Dredging Association & Eastern Dredging Association**

DPC is also an Associate Member of the **International Association of Ports & Harbors**

» on the cover

Van Oord's self-propelled cutter suction dredger *Athena* near Rotterdam's Maasvlakte



26



28



35

» Regulars

- 4 Editor's Comment
- 5 Association News
- 6 Damen's 'best boats'
- 7 Lifeline for Sietas
- 8 IADC first in Brazil
- 11 Former port chief jailed
- 14 CHEC looks to UK firm
- 15 APT and VOSTA LMG JV
- 17 People and DPC's Diary

» Port development

- 18 Africa & Middle East
- 19 Americas
- 20 Asia & Australasia
- 21 Europe & Scandinavia

» Products

- 51 Product news
- 52 Port Of Call

» Round Table

- 58 With Jouko Sederholm

» Cover stories

- 28 **Taking 'the bus' to Northern Ireland**
Bert Visser's aboard Rohde Nielsen's highly manoeuvrable 6,000m³ split hopper dredger *Nord R* for a challenging first assignment in the Port of Warrenpoint
- 31 **Dredging and port software**
DPC's roundup includes 3-D imaging software, Antwerp's latest port community app, up-to-date software for a renovated trailer and cloud computing for terminal operations
- 39 **Hydrographic surveys**
Stunning wreck imaging, underwater secrets in Venice, mapping seagrass, sonar technology to maintain waterways and some very special ROVs in this DPC roundup

» Features

- 23 **Not on the same page**
Has the much vaunted Jasper Ocean Terminal project in the American south been shelved? As the divide widens between the two states behind it, **John Gallagher** assesses the facts

- 26 **To a new level**
Scott Berman reports on APM Terminals' takeover of Sweden's biggest box port
- 35 **Mega hub still on course**
Despite some hiccups, Sri Lanka's ambitious Colombo South expansion is now taking concrete shape, writes **Rohan Gunasekera**
- 46 **Brazilian ports – what next?**
Greg Miller looks at the prospects as the country gets to grips with its infrastructure
- 48 **US dredging gets a lift**
There are millions of unexpected dollars in President Obama's 2012 spending package, as **John Gallagher** reports

Subscribe:

» Call: +44 (0) 208 676 2225

or email us at: subscriptionsales@ihs.com

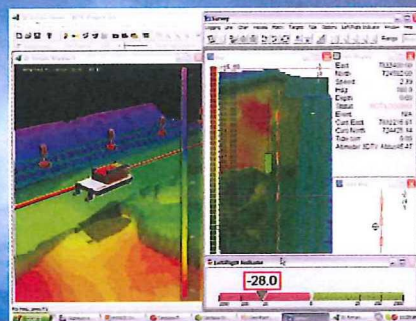
For further in-depth coverage go to:

www.dpcmagazine.com



HYPACK, Inc.

56 Bradley St. Middletown, CT 06457 USA
Tel: +860 635 1500 Fax: +860 635 1522
Email: sales@hypack.com
Web site: www.hypack.com



Also from HYPACK: **DREDGEPACK** –
Dredge Management Software and **HYSWEEP** –
Multibeam Collection/Editing Module

HYPACK®

Hydrographic Survey software

- Data Collection and Processing: Single Beam, Multibeam, Side Scan Sonar, subbottom, ADCP, etc.
- Full Navigation with AIS Integration
- S57 Chart Update & Real-Time Verification
- Real-time 3D Terrain Model with AVI recording.
- Real-time Altitude for Keel Clearance
- Reports: Sections, Volumes, TIN Models, Plots, Side Scan Mosaic

For more information please visit our website:
www.hypack.com

Visit us at

01 2012 March 13-15, 2012 Stand No. G10

contents

December 2012 | Dredging and Port Construction

The official magazine of the **Central Dredging Association & Eastern Dredging Association**

DPC is also an Associate Member of the **International Association of Ports & Harbors**

» on the cover

Van Oord's first shallow-water pipe lay vessel *Stingray* can install pipes from 15cm to 152cm in diameter



24



40



46

» Regulars

- 4 Editor's Comment
- 5 Association News
- 6 Unique new dredger
- 7 Booster for China
- 8 Adapting to change
- 10 Heavy-lift firm launched
- 12 DSC's 20th birthday
- 15 'Best of the best'
- 17 Diary and People Spotlight

» Port development

- 20 Africa & Middle East
- 21 Americas
- 22 Asia & Australasia
- 23 Europe & Scandinavia

» Products

- 50 Products & Services
- 52 Port Of Call

» Round Table

- 58 With Anthony Heddlesten

» Cover stories

- 24 **Where now?**
DPC looks at the innovations that have led up to the 'Smart Dredger Project' – and how it's likely to change the future of dredging
- 30 **Pick of the crop**
Bert Visser's review of significant dredgers built over the past year studies vessels on the cutting edge of technology
- 40 **Third time lucky for Cochin?**
After four years and now a third contractor, Cochin's channels may finally be dredged to their correct depth, **Christina George** reports

» Features

- 18 **Talk to innovate**
So says DEME's Hugo De Vlieger as he discusses the importance of WODCON with DPC's **Lisa Maher**
- 28 **Looking back to go forward**
Scott Berman on an unusual challenge in the New York & New Jersey deepening project

43 From here to modernity

A carefully engineered construction plan will see part of the old Botlek harbour in the Port of Rotterdam given a completely new lease of life, **Bert Visser** reports***

46 Taking security seriously at Long Beach

"The 9/11 terrorist attacks on American soil were the game changer for security – all of us recognised that we could be potential targets for terrorist activity," writes **Sean Strawbridge**

48 Training in tandem

Dingeman van Woerden, the Training Institute for Dredging's new manager, couldn't have chosen a more hectic time to begin his work, as **Yone Beek** explains

Subscribe

» Call: +44 (0) 208 676 2237

or email us at: subscribe@magazines.ihs.com

For further in-depth coverage go to:

www.dpcmagazine.com



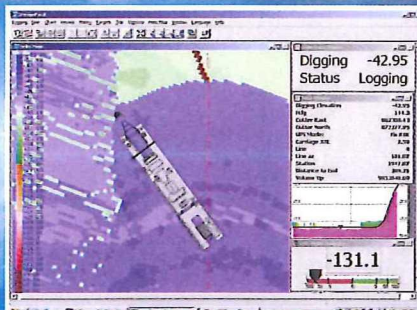
HYPACK, Inc.

56 Bradley St. Middletown, CT 06457 USA

Tel: +860 635 1500 Fax: +860 635 1522

Email: sales@hypack.com

Web site: www.hypack.com



Also from HYPACK: **HYSWEEP**
– Multibeam Collection/Editing Module and
HYPACK – Hydrographic Survey Software

DREDGEPACK®

Dredge Management System

- Full Navigational and Dredging support
- Cutter Suction, Hopper, Excavator, and Clamshell Application
- Digging Efficiency
- Precise Dredge Positioning
- DTM with Volumes and Reports
- OPC compliant and PLC interface capable
- Meets USACE Silent Inspector Requirements
- Turn-key system available

For more information please visit our website:
www.hypack.com