

# DIGITAL SHIP 2003

Improving safety, security and efficiency in ship operations

Inmarsat conference centre, London, November 4-6 2003

## LIST OF SPEAKERS

**Dr Andy Norris**, chairman IEC Technical Committee 80 and Special Professor of Navigation Technology, **Nottingham University** (ex managing director, **ChartCo**)

**Andrew Craig Bennett**, maritime commentator

**Dimitris Lyras**, director, **Lyras Shipping and** advisor to Ulysses Systems

**George Barclay**, secretariat, **Equasis**

**Bjørn Berger**, MariNet project manager, **DNV Software**

**Mark Holford**

**Richard Brown**, vice president, **Marine Services Development at Weathernews (formerly Oceanroutes)**

**George Hoyt**, **Newslink Services**

**Paul Ashton**, managing director, **Vector Informatics**

**Julian Longson**, VP Business Development, **Pole Star Space Applications Limited**

**Tony Ewer**, **Vistar**

**Raphael Kahn**, managing director, **Secure Marine**

**Panteleimon Pantelis**, director, **Ulysses Systems**

**Roger Ringstad**, managing director, **Seagull**

**Trevor Whitworth**, senior VP sales and marketing, **Telaurus**

**Kamar Zaman**, **Drewry Technical Consultants (Ex MD, Wallem Shipmanagement UK)**

**Bob Haddow**, **Drum Cussac Maritime (Ex UK Special Boat Service)**

**Panagiotis Nomikos**, IT consultant to **Stelmar Tankers** and founder, **AMMITEC**

**Neil Tomlinn**, sales director, **ShipNet**

**Tor Svelland**, managing director, **Laycan**

**Mickey Watzak**, CEO, **Maritime Bridge (Houston)**

**Pål Jensen**, vice president, **Telenor Satellite Services**

**Mary Ellen Kramer**, CEO, **Broadband Maritime Liberian and International Ship Registry Royal Dirkzwager**

**Xantic**

**Stratos**

**Transas**

**C-MAP**

## CONFERENCE HIGHLIGHTS

- › How shipowners convince charterers, insurers and banks that they run safe and quality operations.
- › Maritime experts Andrew Craig Bennett and Dimitris Lyras will talk about how modern software tools can be used to ease the pain of vetting.
- › Data about the seafarers' certificates, safety processes, decision making processes, along with the ship's casualty records, class certificates, detention records, safety procedures and costs, can easily be posted online for authorised parties to see.
- › Ship security, trying to reach sensible conclusions about what shipping companies actually have to do in order to obtain a ship security certificate, beyond fitting some electronics, making a security plan and forcing seafarers to read it.
- › Presentations from companies producing hardware to improve ship security in many different ways, including electric fences, short range radar, night vision cameras and seafarer identity cards.
- › Presentations from the software companies with products to help manage the pain of the ISPS code, including seafarer training and task monitoring.
- › Other issues to be covered include
  - ✘ allowing seafarers to buy personal items from the ship and have them delivered when it arrives at port
  - ✘ developments in electronic navigation and training
  - ✘ improving the efficiency of port calls through better port-vessel communication.
- › An award will be presented to the technology released this year which has done the most to improve maritime efficiency, security and safety, judged by a panel of shipping company IT managers.

# Conference Programme

## NOVEMBER 4 : IMPROVING SHIP SAFETY

Moderator: **Dr Andy Norris**, chairman IEC Technical Committee 80 and Special Professor of Navigation Technology, Nottingham University (ex managing director, ChartCo)

### > IMPROVING SAFETY THROUGH BETTER COMMUNICATIONS

- ✦ Keynote presentation: The web as the ship's filing system. **Andrew Craig Bennett**, maritime commentator
- ✦ Keynote presentation: How the shipping industry can use technology to improve quality. **Dimitris Lyras**, director of Lyras Shipping and advisor to Ulysses Systems. How shipowners can demonstrate their own safety to reduce the number of vetting inspections. Which data provides a useful indicator of the quality of a maritime operation?
- ✦ Developments with Equasis - providing information about the history of a ship online. **George Barclay**, secretariat, Equasis
- ✦ Class data as a web service. **Bjørn Berger**, MariNet project manager, DNV Software. How DNV is making information about ships available as a web service. The different between data available online and as a web service
- > **DISCUSSION**: What data provides the best indication of good shipping company management?

### > IMPROVING SHIP NAVIGATION

- ✦ Integrated navigation services. Presentation from **Transas**
- ✦ Using ship alert systems as a fleet management tool. **Richard Brown**, vice president of Marine Services Development at Weathernews (formerly Oceanroutes). How shipping companies can use the regular tracking data sent by ship alert systems to help manage their fleets. Benefits of integrating ship tracking data, from a ship alert system, into a weather routing system, to continually optimise the ship's route as the weather changes. Meeting US requirements to provide information about last 3 ports visited
- ✦ Using navigation technologies to improve operational efficiency, Presentation from **C-MAP**
- > **DISCUSSION**: What is the best way to give seafarers new safety advice? Participants include: **Dimitris Lyras**, Lyras Shipping; **George Hoyt**, Newslink Services

## NOVEMBER 5: IMPROVING SECURITY

Moderator: **Paul Ashton**, managing director, Vector Informatics

### > KEYNOTE PRESENTATION: COMPLIANCE WITH ISPS CODE

- ✦ What do shipping companies actually have to do to get an ISPS certificate? **Kamar Zaman**, managing director, Drewry Technical Services (previously managing director, Wallem Shipmanagement UK). Do you have to write a ship security plan from scratch? How are seafarers tested that they are trained? What shipboard equipment do you have to fit? How do responsibilities and powers of the master and shipping company change? Can you ship still be detained by US Coastguard even though it has a certificate?

### > HARDWARE FOR SHIP SECURITY

- ✦ Identity cards for seafarers: what data is stored on them, the ILO standard and the LISCR initiative. Speaker from **Liberian and International Ship Registry**
- ✦ Using a dedicated ship security alert system such as Purplefinder DSAS. **Julian Longson**, VP Business Development, Pole Star Space Applications Limited. Guidance on use, including testing, activation, deactivation / resetting, and defining an appropriate alert verification process.
- ✦ Benefits and cost of night vision cameras. **Tony Ewer**, Vistar
- ✦ Electric fences around ships - good precaution against piracy? **Raphael Kahn**, managing director, Secure Marine

### > SOFTWARE AND SATCOMS FOR SHIP SECURITY

- ✦ Using software to help manage the seafarers new tasks under the ISPS code. **Panteleimon Pantelis**, director, Ulysses Systems
- ✦ Software to help train seafarers in the ISPS code. **Roger Ringstad**, managing director, Seagull. Comparisons between using software and classroom training for ship-board security officers. Return on investment for seafarer training software
- ✦ Ship-shore information exchange under the ISPS code **Trevor Whitworth**, senior VP sales and marketing, Telaurus
- ✦ Making sure you know who is driving your ship. Speaker from **Stratos**. Using biometric scanning techniques onboard ship.

### EXHIBITION

We have 12 exhibition stands of 1.5 x 3m. See right for the exhibition stand map. For enquiries about exhibiting contact Eva Suminska on [suminska@thedigitalship.com](mailto:suminska@thedigitalship.com)

### SPONSORSHIP OPPORTUNITIES

If you reaching our target delegates is part of your business objectives, get in fast while we still have our full range of sponsorship opportunities is currently available - overall event sponsor - evening dinner sponsor - lunch sponsor - exhibition sponsor - beverage sponsor.



## NOVEMBER 6: IMPROVING OPERATIONAL EFFICIENCY

Moderator: Panagiotis Nomikos, IT consultant to Stelmar Tankers

- > **COMMUNICATIONS AND DATA EXCHANGE BETWEEN CHARTERER, SHIPPING COMPANY, SHIPPING AGENT AND SHIP**
  - ✘ Improved co-ordination between different parties in the maritime supply chain. **Neil Tomlinn**, sales director, ShipNet
  - ✘ How IT can be used to make things better for charterers and their business partners. **Tor Svelland**, managing director, Laycan. Using IT to help improve the relationships between shipping companies and charterers. Using IT to improve connectivity between offices around the world
  - ✘ Ship agent communications. **Mickey Watzak**, CEO, Maritime Bridge (Houston). How shipping companies can use IT to keep track of port activities affecting their vessels. How this information is useful to charterers and how it can be passed onto them using web services.
  - ✘ Improving vessel - port services co-ordination. Speaker from **Royal Dirkzwager**
- > **SHIPBOARD SOFTWARE**
  - ✘ Introduction to the Association of Maritime Managers of Technology, Information and Communications (AMMITEC). **Dr Panagiotis Nomikos**, founder, AMMITEC
  - ✘ Keeping shipboard computers running
  - ✘ Broadband communication. Overview of VSAT technologies, cost benefit analysis, how they can be used to extend the company's bottom line. **Pål Jensen**, vice president of Telenor Satellite Services
  - ✘ Reducing the cost of ship shore communication and increasing the bandwidth. **Nick Kiernan**, Broadband Maritime
  - ✘ Inmarsat Fleet. Case study: implementing Inmarsat Fleet with a major shipping line. **Arno Brok**, BSD Account Manager - Fleet & Chartering, P&O Nedlloyd Rotterdam

### PRESENTATION OF DIGITAL SHIP AWARD

New technology which has done the most to improve safety, security and efficiency in maritime operations. The award will be judged by a panel of 5 shipping company IT managers, including Panagiotis Nomikos, IT consultant to Stelmar Tankers, Adonis Violaris, ICT manager, Hanseatic Shipping, and Pradeep Chawla, quality manager, Anglo Eastern Shipmanagement

### INMARSAT FLEET DEMONSTRATIONS

During the conference, Inmarsat will be conducting demonstrations of data services over Inmarsat Fleet, using full a ship's bridge simulator with video and sound. Users can try instant messaging, downloading chart updates, sending video and phone over Inmarsat Fleet, communicating 72,000km via satellite to a computer 10 feet away.

## Companies which participated in Digital Ship 2002, November 2002, include:

**ABS - Nautical Systems** ✘ **3g marine** ✘ **All Set Tracking, Alphatrust** ✘ **Ashton Andrews** ✘  
**Augustea** ✘ **AXS Marine** ✘ **Baltic Exchange,**  
**BASS, Bergesen** ✘ **Cathor Liquefied Gas Company**  
 ✘ **CCMC** ✘ **Cetena** ✘ **ChartCo, Danish Hydrographic Office** ✘ **Denbridge Digital** ✘ **Dial Ltd** ✘ **DNV Innovation** ✘ **Doehle** ✘ **Doll Shipping Consultancy,** **Drew Marine Division** ✘  
**Drewry Technical Services, Easylink Services** ✘  
**EMS Satcom** ✘ **Eutelsat S.A.** ✘ **Fidelio Cruise** ✘  
**France Telecom Germany** ✘ **Germanischer Lloyd** ✘  
**G-O Technologies** ✘ **Holman Ltd** ✘ **ID Scandinavia** ✘ **inmarsat, International SOS** ✘ **Intl Business Services** ✘ **Invsat Ltd** ✘ **Iridium** ✘ **ISM Consult** ✘ **Kongsberg Marimite** ✘ **Kongsberg Simrad** ✘ **Lagumar Marine** ✘ **Lloyds List** ✘  
**Logimatic Software AS** ✘ **Manpower Software** ✘  
**Marine Computing** ✘ **Marine Equipment News** ✘  
**Marine Exchange of Alaska** ✘ **Marine Provider** ✘  
**Maritime Consultancy Network** ✘ **Maritime Development Center of Europe** ✘ **Maritime Systems Inc** ✘ **Marlink** ✘ **Monition** ✘ **Navarik Corp** ✘  
**Nera Satellite Services Ltd** ✘ **Norcontrol UK** ✘  
**Odfjell, Pole Star Space Applications** ✘ **Qinetiq** ✘  
**Saab TransponderTech** ✘ **Safety at Sea** ✘  
**Satelcom** ✘ **Savi** ✘ **Schlumberger** ✘  
**Schlumbergersema** ✘ **Seagull** ✘ **Seawave** ✘  
**Stier & Co. Canary Islands** ✘ **Stratos** ✘ **Stratos Broadband Networks** ✘ **Sun Cruises** ✘ **Teekay Shipping (Canada Ltd)** ✘ **Telaurus** ✘ **Telemedic Systems** ✘ **Teleporto Adriatico** ✘ **Telia Mobile** ✘  
**The Needham Report** ✘ **Thenamaris** ✘ **Thrane and Thrane** ✘ **Trenstar** ✘ **Ulysses Systems** ✘  
**Vector Informatic Systems** ✘ **VideoTel** ✘ **Wilh Wilhelmsen** ✘ **Wood & Douglas Ltd** ✘ **Xantic**

# Registration Form

## ADMISSION

- ✘ **ONE DELEGATE:**  
One day £390 (Eur 568)  
Two days £645 (Eur 928)  
Three days £795 (Eur 1,144)
- ✘ **TWO DELEGATES FROM THE SAME COMPANY**  
One day £645 (Eur 928.15)  
Two days £945 (Eur 1,360)  
Three days £1245 (Eur 1,792)

*prices subject to additional  
17.5 per cent UK VAT*

## TO REGISTER

- ✘ fax back completed registration form to +44 (0)20 7510 2344
- ✘ register online with a credit card [www.thedigitalship.com](http://www.thedigitalship.com)
- ✘ contact our London office:  
Nadia Soldo +44 (0)20 7510 4931,  
[soldo@thedigitalship.com](mailto:soldo@thedigitalship.com)

## EXHIBITION

We will have a 12 stand exhibition in the delegates area. To discuss reserving a stand contact Eva Suminska on [suminska@thedigitalship.com](mailto:suminska@thedigitalship.com)  
Tel +44 (0)20 7510 4931

Number of delegates \_\_\_\_\_  
Number of days \_\_\_\_\_  
Plus 17.5% vat \_\_\_\_\_  
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**Fax back to +44 (0)207510 2344**

## Contact details

Nadia Soldo ( delegate bookings)  
Tel +44 (0)20 7510 4931  
[soldo@thedigitalship.com](mailto:soldo@thedigitalship.com)

Eva Suminska (exhibition space)  
[suminska@thedigitalship.com](mailto:suminska@thedigitalship.com)  
Tel +44 (0)20 7510 4931

Karl Jefferies (speakers)  
Tel +44 (0)20 7510 4935  
[jefferies@thedigitalship.com](mailto:jefferies@thedigitalship.com)

Or contact our London office Tel +44 (0)20 7510 0015 Fax +44 (0)20 7510 2344

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