Digital Hydrography on the Maritime Web
Embracing the challenges and opportunities

Southampton Solent University Conference Centre, Southampton, UK

Programme

0830   Delegate Registration and Coffee

1000   **Welcome**

Session 1: The User's Perspective

1015   **Keynote 1**
Capt Harry Gale, *Technical Manager, The Nautical Institute* (UK)

1045   Coffee

1115   **Paper 1.1**   e-Navigation – A user's perspective
Ole Berg, *Marstal Navigationsskole,* Aron Sørensen, *BIMCO* and Morten Glamsø, *Danish Shipowners' Association* (Denmark)

1135   **Paper 1.2**   The question facing us is not how much work can the human do safely, but how little?
David Wheal, *Marine Accident Investigation Branch*(UK)

1155   **Stakeholder Forum 1**

1245   Lunch

Session 2: Products - Quality & Presentation

1430   **Keynote 2**
Rear Adm Nick Lambert (UK)

1500   **Paper 2.1**   Expanding hydrographic data usage through meta data and data integration enhancement
Michael Bergmann, *Jeppesen* (Germany)

1520   Coffee

1550   **Paper 2.2**   Upper Humber ENC cell
Andy Hinton, *UK Hydrographic Office* (UK)

1610   **Paper 2.3**   Requirements of the port ENC users in the Port of Hamburg
Verena Bosselmann-Borsos and Frank Köster, *Hamburg Port Authority* (Germany)

1630   **Stakeholder Forum 2**

1730   Close

Drinks Reception

1800   Welcome from Organisers and Sponsors

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0830	Delegate Registration and Coffee
0900	**Review and Summary of Day 1**

Session 3: Survey Innovation

0930	**Keynote 3** Capt Stephen Malcolm OBE, *Hydrographer, Royal Navy* (UK)
1000	**Paper 3.1** Towards the Maritime Web: Intelligent exploitation of the Blue Economy – A hydrographer's perspective Don Ventura, *Fugro Pelagos Inc* (USA)
1020	**Paper 3.2** Can the maritime crowd be trusted for sourcing bathymetry data? Mark Bishop, Brendan Mason, *Envitia Ltd* and Tim Clarke, *Defence Science and Technology Laboratory* (UK)
1040	Coffee
1110	**Paper 3.3** Developments and benefits of hydrographic surveying using multispectral imagery in the coastal zone Helen Needham, *Proteus Europe Ltd* (UK)
1130	**Stakeholder Forum 3**
1230	Lunch

Session 4: Training for All

1330	**Keynote 4** Nicolas Seube, *Chair-elect of Joint IHO/FIG/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers* (France)
1400	**Paper 4.1** The need for effective ECDIS display management Capt Zakirul Bhuiyan, *Warsash Maritime Academy, Southampton Solent University* (UK)
1420	**Paper 4.2** Maintaining professional standards in digital hydrography Dr Richard Thain and Jon Holmes, *Hydrographic Academy, Plymouth University* (UK)
1440	**Stakeholder Forum 4**
1545	**Closing Remarks**
1600	Coffee

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