

Programme

Monday 3rd November

- 1100 for 1130 **Hydro8 Golf Tournament**
Allerton Golf Club, Allerton Road, Liverpool, L18 3JT
- 1200 **Exhibition Build-Up**
Main Banqueting Room, Main Lounge and Pearce Room, Britannia Adelphi Hotel
- 1500 **Delegate Registration**
Main Lounge, Britannia Adelphi Hotel
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- 1900 **Ice-Breaker Party**
Crosby Room, Britannia Adelphi Hotel
sponsored by Applied Acoustic Engineering Ltd



Tuesday 4th November

- 0815 **Delegate and Visitor Registration**
Main Lounge, Britannia Adelphi Hotel
- 0900 **Welcome and Opening Ceremony**
Conference Hall, Britannia Adelphi Hotel
- Keynote Addresses**
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- 0915 **Keynote Address 1: New Opportunities in Hydrography**
Rear Admiral Ian Moncrieff, *National Hydrographer, United Kingdom Hydrographic Office*
- 0945 **Keynote 2: Liverpool and the First Shipping Revolution**
Dr Adrian Jarvis, *University of Liverpool*
- Session 1: Coastal Mapping Techniques**
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- 1015 **Paper 1: INFOMAR - INtegrated Mapping FOre the Sustainable Development of Ireland's MARine Resources: Multi-platform survey for terrestrial and marine integrated mapping**
Fabio Sacchetti and Sara Benti, *Marine Institute, Ireland* and
Koenraad Verbruggen and Sean Cullen, *Geological Survey of Ireland, Ireland*
- 1045 **Coffee**
- 1115 **Paper 2: Adapting to Modern Techniques in Bathymetry**
Andy Talbot, *Bathymetric Data Centre, United Kingdom Hydrographic Office*
- 1145 **Paper 3: Bathymetric LiDAR Performance in Shallow Coastal Waters**
Nathan Quadros, *University of Melbourne, Australia* and
Philip Collier, *The Cooperative Research Centre for Spatial Information, Australia*
- 1215 **Paper 4: Mapping Shallow Water Coastal Areas Using a Standard Marine X-Band Radar**
Paul Bell, *Proudman Oceanographic Laboratory*

1245	Lunch	
	Session 2: Data Handling and Presentation	
1415	Paper 5: Handling Interferometric Data: Streamlining the Processing Flow Tom Hiller, <i>GeoAcoustics</i>	
1445	Paper 6: Marine Spatial Data Infrastructure: Hydrographic Workflows and Related Standards Andrew Hoggarth and Julien Barbeau, <i>CARIS, Canada</i>	
1515	Coffee	
1545	Paper 7: Application of COTS Technology to Hydrographic Data Management Phil Hayward, <i>BAE Systems Integrated System Technologies Ltd</i> and Ole Berg, <i>T-Kartor, Sweden</i>	
1615	Paper 8: Advanced Military Layers and the Marine Historic Environment Louise Tizzard and Paul Baggaley, <i>Wessex Archaeology</i>	
1715	Exhibition closes	
1900	Drinks Reception Small Ballroom, Liverpool Town Hall	
2000	Conference Dinner Large Ballroom, Liverpool Town Hall, High Street, L2 3SW	Pre-booking essential

Wednesday 5th November

0830	One-day Delegate and Visitor Registration Main Lounge, Britannia Adelphi Hotel	
	Session 3: Tides and Currents	
0915	Paper 9: Harmonic Tidal Theory: An investigation of discrepancies between different implementations of the harmonic method Steve Taylor, <i>Geomatix Ltd</i>	
0945	Paper 10: First Experiences and Applications for Radar Doppler Current Profiler Marius Cysewski and Friedwart Ziemer, <i>GKSS Research Center, Germany</i>	
1015	Paper 11: Tidal and Meteorological Data Over AIS Ted Read, <i>Ohmex Ltd</i> and William Heaps, <i>Associated British Ports</i>	
1045	Coffee	
	Session 4: Standards and Training	
1115	Paper 12: S-44 Edition 5: The IHO's New Standard for Hydrographic Surveys Chris Howlett, <i>United Kingdom Hydrographic Office</i>	
1145	Paper 13: Hydrography at MSc and Category A Level: A European Perspective Victor Abbott, <i>University of Plymouth</i> and Nicolas Seube, <i>ENSIETA, France</i>	
1215	Lunch	

Session 5: Workshops, Demonstrations and Visits

- 1330 **Liverpool Football Club Tour***
Coach leaves from the front of the Adelphi Hotel for Anfield
See Social Programme for further details Pre-booking essential
- 1330 onwards **Visit to 'Royal Charter'**
See Workshop & Demonstration Programme for further details
- 1330 **Workshop Session A**
See Workshop & Demonstration Programme for further details
- 1500 **Coffee**
- 1530 **Workshop Session B**
See Workshop & Demonstration Programme for further details
- 1700 **Exhibition closes**
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- 1800 - 2000 **An Evening at the Merseyside Maritime Museum**
Albert Dock, Liverpool, L3 4AQ
sponsored by Gardline Marine Sciences



Thursday 6th November

- 0830 **One-day Delegate and Visitor Registration**
Main Lounge, Britannia Adelphi Hotel
- Session 6: The Marine Environment**
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- 0900 **Paper 14: KTP, PhD, MMO**
Victor Abbott, *University of Plymouth* and Ross Compton, *RPS Energy*
- 0930 **Paper 15: Surveying Coldwater Corals**
Mattijs de Lange, *SEAfoundation, The Netherlands*
- 1000 **Paper 16: Environmental Impact Assessment and Marine Developments:
A Cultural Perspective**
Stuart Leather, *Wessex Archaeology*
- 1030 **Coffee**
- Session 7: Precise Positioning**
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- 1100 **Paper 17: Precise Point Positioning, the New DGPS: The C-Nav Experience**
Edwin Danson, *C&C Technologies Inc*
- 1130 **Paper 18: Precise Post-Processed Position and Orientation for Modern Port Survey
Operations**
Richard Hill, *Applanix* and Ian Holden, *Peel Ports - Liverpool*
- 1200 **Paper 19: Automating the ROV**
Ioseba Tena, *Seebyte*
- 1230 **Lunch**

Session 8: Hydrography for Marine Renewables

- 1345 **Paper 20: New Opportunities for Hydrography in the Marine Renewable Energy Sector**
Claire Brown and Nick Kitson, *ABP Marine Environmental Research Ltd*
- 1415 **Paper 21: The Use of ADCP Data from the Inner Bristol Channel and CFD to Study Power Attenuation Effects on HATT Performance**
Allan Mason-Jones, Paul Evans, Chris Wooldridge, Daphne O'Doherty, Tim O'Doherty and Ian Fryett, *Cardiff University*
- 1445 **Lunch**
- Session 9: Coastal Mapping Applications**
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- 1515 **Paper 22: Combining Multibeam Data with Boat Mounted Terrestrial Laser Scanners for Coastal and Fluvial Mapping**
Ian Anderson, *Halcrow Group Ltd*
- 1545 **Paper 23: Port of London Applications of High Resolution Multibeam Technology for Engineering Support Surveys**
Jim Powell, *Port of London Authority*
- 1615 **Closing Ceremony**

Social Programme

Monday 3rd	1100	Hydro8 Golf Tournament Allerton Golf Club Prizes to be presented at the Hydro8 Conference Dinner	£25
Monday 3rd	1900	Ice-Breaker Party Crosby Room, Britannia Adelphi Hotel sponsored by Applied Acoustic Engineering Ltd Drinks and light refreshments will be served	
Tuesday 4th	1900	Drinks Reception and Conference Dinner * Small and Large Ballrooms, Liverpool Town Hall An optional pre-dinner tour of the Town Hall is available, numbers strictly limited. Please book during Registration.	£70
Wednesday 5th	1330	Liverpool Football Club Tour* Fee includes return transport, tour of the famous Anfield ground and the Museum and time in the souvenir shop	£24
Wednesday 5th	1800	An Evening at the Merseyside Maritime Museum Albert Dock, Liverpool sponsored by Gardline Marine Sciences Drinks and canapés will be served An optional guided walking tour of the places of interest between the Adelphi Hotel and the Maritime Museum is available, numbers strictly limited. Please book during Registration.	

* There is an additional fee for these items. Tickets are limited and must be pre-booked at the Registration & Information Desk.