

Damaged Ship IV 2018

16 - 17 May 2018, London, UK



| 16th May 2018 | |
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| 09.00-09.25 | Coffee and Registration |
| 09.25-09.30 | Welcome address |
| 09.30-10.00 | SOLAS 2020 Passenger and Cargo Ship Damage Stability Regulations <i>Keith W Hutchinson, Babcock International Group - Energy and Marine Technology, UK</i> <i>Andrew L Scott, Maritime and Coastguard Agency (MCA), UK</i> |
| 10.00-10.30 | Designed according to,—or far beyond, the regulations? <i>Rolf Catol, Western Norway University of Applied Sciences, Norway</i> |
| 10.30-11.00 | Assessment of Raking Damage from Decelerations Measured During a Grounding Incident <i>Alex W. Vredeveltdt, Martijn G. Hoogeland, TNO, Netherlands</i> <i>Liza C. van Kempen, TU-Delft, Netherlands</i> |
| 11.00-11.30 | Coffee |
| 11.30-12.00 | A Risk Profile for Escorted Tankers and Their Resistance to Collision Damage <i>Iain Braidwood, Iain Braidwood Consulting Ltd, Canada</i> <i>Robert G Allan, Robert Allan Ltd, Canada</i> |
| 12.00-12.30 | Damage Control Survivability & Containment of Fire, Smoke and Flooding. Only as Strong as the Weakest Link: Multi Cable Transits (Glands) & Pipe Penetration's Critical Role in Achieving Fire & Watertight Integrity <i>Peter J Litchfield, CSD Sealing Systems, UK</i> |
| 12.30-13.30 | Lunch |
| 13.30-14.00 | Have the benefits of Emergency Response Services been overlooked for dry cargo ships? <i>David Prentice, Lloyd's Register, UK</i> |
| 14.00-14.30 | Evaluation of Residual Ship Structural Integrity Following Damage Using Whole Ship Finite Element Analysis <i>Kevin F. Stone, Stone Naval Consulting, USA</i> <i>Tobin R. McNatt, MAESTRO Marine, USA</i> <i>Nick Danese, NDAR, France</i> |
| 14.30-15.00 | The Costa Concordia Wreck Removal: How Commercially Available Software was Customized to Make Mission Impossible a Success <i>Phil Reed, Reed Maritime LLC, USA</i> |
| 15.00-15.30 | General discussion & drinks reception |

The Royal Institution of Naval Architects

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| 09.30-10.00 | The Damage Stability Calculations Evolution From the CAD Point of View <i>Rodrigo Perez, SENER, Ingeniería y Sistemas, Spain</i> |
| 10.00-10.30 | Challenges in Hydrostatic Modelling of a Casualty Sinking Sequence <i>Baiqian Jiang, Paris Mangriotis, Simon Pollard, London Offshore Consultants, UK</i> |
| 10.30-11.00 | Coffee |
| 11.00-11.30 | Practical Challenges for Salvors, Dealing with Damaged Ships <i>Alexander Gorter, SMIT Salvage B.V, Netherlands</i> |
| 11.30-12.00 | Docking Support System <i>Ahmed Samir, Kuwait Oil Company, Kuwait</i> |
| 12.00-13.00 | Lunch |