

# *Damaged Ship IV 2018*

16 - 17 May 2018, London, UK



16 <sup>th</sup> May 2018		Day 1 - Session 1
09.00-09.25	Coffee and Registration	
09.25-09.30	Welcome address	
09.30-10.00	<b>SOLAS 2020 Passenger and Cargo Ship Damage Stability Regulations</b> <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	<b>Designed according to,—or far beyond, the regulations?</b> <i>Rolf Catol, Western Norway University of Applied Sciences, Norway</i>	
10.30-11.00	<b>Assessment of Raking Damage from Decelerations Measured During a Grounding Incident</b> <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	<b>A Risk Profile for Escorted Tankers and Their Resistance to Collision Damage</b> <i>Iain Braidwood, Ian Braidwood Consulting Ltd, Canada</i> <i>Robert G Allan, Robert Allan Ltd, Canada</i>	
12.00-12.30	<b>Damage Control Survivability &amp; Containment of Fire, Smoke and Flooding. Only as Strong as the Weakest Link: Multi Cable Transits (Glands) &amp; Pipe Penetration's Critical Role in Achieving Fire &amp; Watertight Integrity</b> <i>Peter J Litchfield, CSD Sealing Systems, UK</i>	
12.30-13.30	Lunch	Day 1 - Session 2
13.30-14.00	<b>Investigating hull girder loading of damaged ships by hydrodynamic analysis</b> <i>Yongwon Lee, Lloyd's Register, UK</i> <i>Stefano Persico, Lloyd's Register, UK</i>	
14.00-14.30	<b>Evaluation of Residual Ship Structural Integrity Following Damage Using Whole Ship Finite Element Analysis</b> <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	<b>The Costa Concordia Wreck Removal: How Commercially Available Software was Customized to Make Mission Impossible a Success</b> <i>Phil Reed, Reed Maritime LLC, USA</i>	
15.00-15.30	General discussion & drinks reception	

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09.00-09.30	Coffee and Registration
09.30-10.00	<b>The Damage Stability Calculations Evolution From the CAD Point of View</b> <i>Rodrigo Perez, SENER, Ingeniería y Sistemas, Spain</i>
10.00-10.30	<b>Challenges in Hydrostatic Modelling of a Casualty Sinking Sequence</b> <i>Baiqian Jiang, Paris Mangriotis, Simon Pollard, London Offshore Consultants, UK</i>
10:30-11:00	<b>Have the benefits of Emergency Response Services been overlooked for dry cargo ships?</b> <i>David Prentice, Lloyd's Register, UK</i>
11.00-11.30	Coffee
11.30-12.00	<b>Practical Challenges for Salvors, Dealing with Damaged Ships</b> <i>Alexander Gorter, SMIT Salvage B.V, Netherlands</i>
12.00-12.30	<b>Docking Support System</b> <i>Ahmed Samir, Kuwait Oil Company, Kuwait</i>
12.30-13.30	Lunch

Day 2 - Session 1