

The Royal Institution of Naval Architects

Marine Heavy Transport & Lift IV

29-30 October 2014, London, UK



Wednesday 29 th October		
09.00-09.30	COFFEE AND REGISTRATION	
09.30-09.35	WELCOME ADDRESS <i>Trevor Blakeley, The Royal Institution of Naval Architects</i>	Session 1
09.35-10.10	OPERATIONAL BASED METHOD <i>M Deleen, Dockwise</i>	
10.10-10.45	DESIGN OF TOWED TRANSPORTS USING VOYAGE SIMULATION TECHNIQUES <i>Grin, R., Maritime Research Institute Netherlands, NL</i> <i>Oforu-Apeasah, E., Ministry of Defence, Salvage & Marine Operations Project Team, UK</i> <i>Vermeulen, K-J., Boskalis Offshore, NL</i>	
10.45-11.15	COFFEE	
11.15-11.50	A SUPPORT TOOL FOR ASSESSING THE RISKS OF HEAVY LIFT VESSEL LOGISTICS IN THE INSTALLATION OF OFFSHORE WIND FARMS <i>E. Barlow^{a,b}, D. Tezcaner Ozturk^{a,b}, S. Day^a, E. Boulougouris^a, M. Revie^b, K. Akartunali^b</i> <i>^aDepartment of Naval Architecture, Ocean and Marine Engineering, University of Strathclyde, UK</i> <i>^bDepartment of Management Science, University of Strathclyde, UK</i>	
11.50-12.25	DETAILED, STRUCTURED PLANNING MITIGATES RISK TO SAFELY ACHIEVE FIRST-OF-CLASS HEAVY LIFT BALLAST TESTING <i>Dannelly Brown, NASSCO, USA</i>	
12.25-13.25	LUNCH	
13.25-14.00	REAL TIME SIMULATIONS OF MULTI VESSEL LIFT OPERATIONS IN DIFFERENT WEATHER CONDITIONS <i>Dr F. Sterlini, AMARCON, the Netherlands, W. Knijnenburg MSc, Tree C Technology B.V., the Netherlands</i>	Session 2
14.00-14.35	REAL TIME WAVE INDUCED VESSEL MOTION PREDICTION TO ENHANCE OPERABILITY AND SAFETY OF OFFSHORE OPERATIONS <i>Peter Naaijen, Delft University of Technology, Netherlands</i>	
14.35-15.05	COFFEE	
15.05-15.45	DISCONNECTABLE FPSO BUOY REPLACEMENT USING INSTALLATION VESSELS SKANDI HERCULES, SKANDI BERGEN AND SKANDI STORD <i>Upendra Malla, KBR, USA</i>	
15.45-16.20	TRANSPORTATION AND INSTALLATION OF SYLWIN ALPHA CONVERTER PLATFORM BASE FRAME <i>Roy Weustink, Seaway Heavy Lifting, Netherlands</i>	
16.20-	GENERAL DISCUSSION & EVENING DRINKS RECEPTION	

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Thursday 30 th October		Session 3
09.00-09.30	COFFEE AND REGISTRATION	
09.35-10.10	MARINE DESIGN ASPECTS OF LARGE OFFSHORE MODULES <i>Alan Crowle, Naval Architect, CB&I</i>	
10.10-10.45	HYDRODYNAMIC INTERACTION BETWEEN FLOATING STRUCTURES DURING HEAVY LIFT OPERATIONS – IS IT WORTH ANALYSING? <i>Zafer Ayaz, Reynald Gervelas, Mohamed Safsafi, Antons Slozkins, Nan Xie, Saipem Ltd., UK</i>	
10.45-11.20	THE STUDY ON STRUCTURE STRESS AND DEFORMATION OF FLOATING DOCK DURING SLIDING LAUNCHING PROGRESS <i>Zhang Mingxia, Lin Yan, Peng Changwei, Ship CAD Engineering Center, Dalian University of Technology, China</i>	
11.20-	GENERAL DISCUSSION	