



The Royal Institution of Naval Architects

DESIGN & OPERATION OF
WIND FARM SUPPORT VESSELS

28-29 January 2015, London, UK

Sponsored by:



Wednesday 28 th January		
08.30-09.00	Coffee and Registration.	
09.00-09.05	WELCOME ADDRESS	Session 1
09:05-09:40	THE UK OFFSHORE WIND FARM JOB CREATION CAPACITY, O&M COSTS AND CONTENT ANALYSIS <i>Paul Igwe, K Howell, University of Plymouth, UK</i>	
09.40-10.15	WFSV - 12 PASSENGERS? <i>Andy Page, Chris O'Neill, Alicat Marine Design, UK</i>	
10.15-10.50	THE INFLUENCE OF MULTIPLE WORKING SHIFTS FOR OFFSHORE WIND FARM O&M ACTIVITIES - STRATHOW-OM TOOL <i>Yalcin Dalgic, Iain Dinwoodie, Iraklis Lazakis, David McMillan, Matthew Revie, Jayanta Majumder, University of Strathclyde, UK</i>	
10.50-11.20	Coffee	
11.20-11.55	A MARINE DESIGN APPROACH TO WFSV BRIDGE LAYOUT DEVELOPMENT AND CREW TRANSFER <i>S McCartan, C Diels and T Thompson, EBDIG-IRC, Coventry University, UK</i> <i>C Anderberg, H Pahlm and F Forsman, Division of Maritime Operations, Chalmers University Of Technology, Sweden</i> <i>T Dobbins, ST-Research Ltd, UK</i> <i>H-J Wirsching, Human Solutions GmbH, Germany</i>	
11.55-12.30	CREW TRANSFER VESSEL PERFORMANCE EVALUATION <i>S.Phillips, IB.Shin, C.Armstrong, Seaspeed Marine Consulting Ltd, UK</i>	
12.30-13.30	Lunch	
13.30-14.05	MAN OVER BOARD RESCUE CAPABILITIES IN OFFSHORE WIND PROJECTS <i>Daniel Olsson, Dacon AS, Norway</i>	John Haynes - Shock Mitigation, UK
14.05-14.40	NAVIGATIONAL & SAFETY ASSESSMENT OF WIND FARM SUPPORT VESSELS <i>S.GOPINATH, AMET University ,INDIA</i>	
14.40-15.10	Coffee	
15.10-15.45	AN INVESTIGATION STUDY FOR A GREEN INNOVATIVE WIND FARM SERVICE VESSEL DESIGN <i>Egemen Celik, Multi Engineering, Netherlands, Osman Ender Kalender, OEK Marine, Turkey</i>	
15.45-16.20	DESIGN-DRIVEN INNOVATION: AN OSV PLATFORM WFSV MOTHERSHIP FOR NORTH SEA OPERATIONS <i>S McCartan and T Thompson, EBDIG-IRC, Coventry University, UK</i> <i>B Verheijden, Academy Minerva, Netherlands</i> <i>C Anderberg and H Pahlm, Division of Maritime Operations, Chalmers University Of Technology, Sweden</i> <i>D Boote and T Colaianni, DITEN, Genoa University, Italy</i>	
16.20-	General Discussion	
Buffet & Drink Reception. Sponsored by MAN Engines & Components		



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Thursday 29 th January		
08.30-09.00	Coffee and Registration.	
09:05-09:40	MULTIPLE POD UNITS FOR EFFICIENT VESSEL HANDLING IN WIND FARM OPERATIONS <i>G Torneman, AB Volvo Penta, Sweden</i>	Session 3
09.40-10.15	PLANNING FOR IMO TIER 3 ENGINE ROOM DESIGN <i>Harold Hüper, Stefan Löser, Eugen Maier, MAN Engines, A division of MAN Truck & Bus AG, Germany, Matthew Lis, MAN Engines and Components, A division of MAN Truck & Bus UK Ltd, UK</i>	
10.15-10.45	Coffee	
10.45-11.20	MARINE DESIGN OF A WFSV MODULAR INTERIOR <i>Jules Morgan, KPM-Marine, UK, S McCartan and T Thompson, EBDIG-IRC, Coventry University, UK B Verheijden, Academy Minerva, Netherlands</i>	
11.20-11.55	EXPERIMENTAL ASSESSMENT OF IMPACT LOADS ON CATAMARAN STRUCTURES <i>A.Nazarov, P.Suebyiw, A.Piamalung, Albatross Marine Design Co., Ltd, Thailand</i>	
11.55-12.00	Sponsor Presentation	
12.00-13.00	Lunch. Sponsored by Hella Marine	
13.00-13.35	THE APPLICATION OF SANDWICH PLATE SYSTEM FOR THE STRENGTHENING OF SPUD CANS ON OFFSHORE JACK-UP VESSELS <i>Martin Brooking, Intelligent Engineering (UK) Ltd., UK</i>	Sean McCartan- Coventry University, UK
13.35-14.10	A NOVEL DESIGN FOR AN OFFSHORE WIND FARM VESSEL: APPLICATION OF THE AERODYNAMICALLY ALLEVIATED MARINE VEHICLE (AAMV) <i>Daniel James, Maurizio Collu, Cranfield University, UK</i>	
14.40-15.15	THE STATISTICAL ANALYSIS OF PRINCIPAL PARTICULARS OF WIND FARM SUPPORT VESSELS <i>Aleksander V. Bondarenko, National University of Shipbuilding, Ukraine</i>	
15.15-	Coffee & General Discussion	