



The Royal Institution of Naval Architects

Design & Construction of Wind Farm Support Vessels

29-30 March 2017, London, UK

Wednesday 29 th March	
09.00-09.25	Coffee and Registration
09.25-09.30	Welcome address
09.30-10.05	HYBRID AND ELECTRIC POWER FOR WIND FARM SUPPORT VESSELS – BRINGING CLEAN ENERGY FULL CIRCLE Andrew Eydt, PBES, Canada
10.05-10.40	THE HOUR OF POWER – HYBRID MARINE TECHNOLOGY FOR WFSV APPLICATIONS John Haynes, Shock Mitigation Ltd, UK
10.40-11.10	Coffee
11.10-11.45	DEVELOPING A HOLISTIC STRATEGY FOR SHOCK MITIGATION ON FAST BOATS John Haynes, Shock Mitigation Ltd, UK
11.45-12.20	HOME IMPROVEMENT – STICKY BACK PLASTIC FOR WIND FARMS? A SAFETY RELATED APPROACH TO WIND TOWER SOV APPROACH INSTRUMENTATION Andrew Stead, Guidance Marine, UK, H Busshoff, Bernhard Schulte Ship Management, Germany, Christoph R Grams, 2nd Officer, M/V “WINDEA La Cour”, Germany
12.20-13.20	Lunch
13.20-13.55	NOMOGRAM OPERABILITY CURVES FOR WIND TURBINE INSTALLATION VESSELS – BENEFITS AND PITFALLS Zahidur Rahman and Ankor Raithatha, DNV GL, UK
13.55-14.30	INTELLECTUAL PROPERTY IN THE MARINE & WFSV SECTORS - LEGAL ISSUES & PRACTICAL TIPS R Edson, Withers & Rogers LLP, UK
14.30-15.00	Coffee
15.00-15.35	THE SWATH CTV - FINALLY COMING OF AGE John Kecsmar - Ad Hoc Marine Designs Ltd., Bill McFann - Island Engineering, David Low - Maritime Craft Services
15.35-16.10	SHIP SYNTHESIS MODEL FOR THE CONCEPTUAL DESIGN OF A SWATH WIND FARM SUPPORT VESSEL Oleksandr Bondarenko, Admiral Makarov National University of Shipbuilding, Ukraine
16.10-	General Discussion & Evening Drinks Reception

Session 1

Session 2



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09.00-09.30	Coffee and Registration
09.30-10.05	A SUMMARY OF THE ENGINEERING PROCESS AND THE MODELLING TOOLS USED IN THE DESIGN OF A NEXT GENERATION WFSV INCORPORATING A SUSPENSION BASED RIDE CONTROL SYSTEM PROVIDING IMPROVED TRANSIT AND TRANSFER PERFORMANCE Mike Longman, Nauti-Craft Pty Ltd, Australia
10.05-10.40	ACCESS TO A FLOATING WIND TURBINE M Shanley, C Wright, C Desmond, J Murphy, University College Cork, Ireland
10.40-11.10	Coffee
11.10-11.45	UNDERSTANDING THE TRANSFER PERFORMANCE OF FAST CTV By S.Phillips, I.Shin, C.Armstrong, H.Maclean, Seaspeed Marine Consulting Ltd
11.45-12.20	DESIGN VERIFICATION AND VALIDATION BY NUMERICAL AND PHYSICAL MODELLING OF A WALK2WORK VESSEL Jorinus Kalis MSc and Sandor Ivancsics MSc, Damen Shipyards, the Netherlands
12.20-13.20	Lunch
13.20-13.55	DP POSITIONING - RELATIVE POSITION REFERENCING GOES TARGETLESS Sasha Heriot, Guidance Marine, UK
13.55-14.30	POSITIONING AND MANOEUVRING CONTROL SYSTEMS CONSIDERED FOR THE DIFFERENT TYPES OF THE WIND FARM SUPPORT VESSELS Petr Opekunov, Navis Engineering Oy, Finland
14.30-	General Discussion & Lunch

Session 3