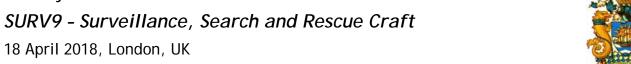
The Royal Institution of Naval Architects SURV9 - Surveillance, Search and Rescue Craft

18 April 2018, London, UK

	18 th April 2018	
09.00-09.25	Coffee and Registration	
09.25-09.30	Welcome address	
09.30-10.00	Structural Analysis of Composite Search and Rescue Vessel Under the New BS EN ISO 12215-5 Jean-Baptiste R.G. Souppez, Southampton Solent University, UK	
10.00-10.30	Design Verification Framework for Search & Rescue Craft H J Phillips, M Pitman, M Boulton, Royal National Lifeboat Institution, UK Hans van der Molen, Koninklijke Nederlandse Redding Maatschappig, Netherlands Klaus Stromenger, K&S Maritiem Technisch Bureau, Netherlands	
10.30-11.00	Noise, Vibration, and Repeated Shock Exposure on High Speed Craft: Measurement, Mitigation, Preventative Design. Phill Moxley, Thomas Coe, Frazer-Nash Consultancy, UK	Day 1 -
11.00-11.30	Coffee	Session
11.30-12.00	Full-Scale Seakeeping Trials of an All-Weather Lifeboat F Prino, S Benson, R W Birmingham, R S Dow, Marine Offshore and Subsea Technology Group, UK P J Sheppard, H J Phillips, Royal National Lifeboat Institution, UK J Mediavilla Varas, M Johnson, S Hirdaris, Lloyd's Register, UK	ion 1
12.00-12.30	Rescue boats on catamaran platform: case studies Albert Nazarov, Albatross Marine Design, Thailand	
12.30-13.00	Numerical Investigation of Double Continuous Welding and Alternatives in Bottom Shell Plates of Aluminium High-Speed, Mono-hull Craft. Vimal Kumar, Lloyd's Register, Singapore	
13.00-14.00	Lunch	
14.00-14.30	A Modular Search and Surveillance SES Platform to Support Port and Harbour Security in the Future Megacities of 2050 Sean McCartan, EBDIG-IRC, Coventry University, UK J Hill, Trident Marine, UK T H Espeland ESNA AS, Norway Trevor Dobbins, STResearch, UK	Day 1 - Session
14.30-15.00	The Application of Unmanned Marine Vehicles to Maritime Search and Rescue J Dalziel, R Pelot, M Seto, Dalhousie University, Canada	sion 2

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15.00-15.30	A large Unmanned Vessel Concept for Remote & Autonomous Surveillance, Search and Rescue Operations Harry Turner, Edward Wright, Rolls Royce, UK	
15.30-16.00	Coffee	
16.00-16.30	Marine Propulsion Shafting Configurations Mohamed Zeid, Caterpillar Propulsion, Sweden	
16.30-17.00	Understanding engine power characteristics and their effects on vessel performance and engine reliability in low hour, high load, RNLI SAR lifeboat applications Spencer Johns, Royal National Lifeboat Institution, UK	
17.00-	General Discussion	