

## HSBO 2014 - Preliminary Program

<b>Tuesday May 6</b>	
<b>08:00 - 11:00</b>	<p><b>REGISTRATIONS</b> Hotel 11 lobby</p>
<b>11:00 - 12:00</b>	<p><b>OPENING SESSION</b> Hotel 11 Auditorium</p> <p><b>Welcoming address</b> Rear Admiral, Thomas E. ENGEVALL, Chief of Defence Logistics, Swedish Armed Forces, President of the Royal Swedish Society of Naval Sciences</p> <p><b>Keynote Speaker</b> Captain Ed VEEN, Director of the Netherlands Coastguard</p> <p><b>HSBO 2014</b> Lars LJUNGQVIST, Volvo Penta Aaron PORTER, Professional Boat Builder Dr. Johan ULLMAN, HSBO Pro Carl Magnus ULLMAN, HSBO Forum</p>
<b>12:15 - 13:45</b>	<p><b>LUNCH</b> River Café</p>

# Preliminary Program

# HighSpeedBoat OperationsForum

Tuesday May 6	
<b>14:00 – 16:00</b>	<b>PRESENTATIONS</b> Hotel 11 Auditorium
14:00 – 14:20	<b>Challenges and Solutions for Integrating Ships and Boats</b> Dr. Colin CAIN, Naval Architect at Longitude Engineering Dean GOVES, Naval Architect at Longitude Engineering Andrew HUGHES, Program Manager at BAE Systems
14:20 – 14:35	<b>Seakeeping by Design</b> Jeffrey BOWLES, Donald Blount & Associates
14:35 – 14:50	<b>Active ride control by Trim Interceptors</b> Per LANDEGREN, Humphree AB Kent LUNDGREN, Humphree USA LLC
14:50 – 15:05	<b>Passive ride control by means of hydrofoil stabilized catamaran hulls</b> Gerard KUTT, Director of HAWC Technologies Hong Kong
<b>15:05 – 16:00</b>	<b>Presentation of the Boat Trials</b>
<b>16:00 – 18:00</b>	<b>BOAT TRIALS</b> Gothenburg Harbor
16:10 – 16:40	BT – Round 1
16:50 – 17:20	BT – Round 2
17:30 – 18:00	BT – Round 3
<b>18:00 – 20:00</b>	<b>NETWORKING</b> In the Tent on the Pier by River Café
<b>20:00 – 22:00</b>	<b>DINNER</b> River Café

# Preliminary Program

# HighSpeedBoat OperationsForum

Wednesday May 7	
<b>08:00 – 10:30</b>	<b>PRESENTATIONS</b> Hotel 11 Auditorium
08:00 – 08:20	<b>Special Keynote Speaker: Norwegian Naval Special Warfare</b> Commander Jon Ivar KJELLIN, Commanding Officer of the Norwegian Naval Special Warfare Group
08:20 – 08:40	<b>Effective Prototype to Full Scale Development Methods for Innovative High Speed Vessel Designs</b> Andrew LEA George ROBSON
08:40 – 08:55	<b>Amphibious Craft</b> Roy NOUHRA, President of Asis Boats LLC
08:55 – 09:15	<b>On the edge of the Axe: the design and development of the new lifeboat for KNRM</b> Gerard BUREMA, Captain Royal Netherlands Navy (retired). Project Manager SAR Nh1816. Branche Chief Strategy & Innovation KNRM Carlo HUKEMA, Naval ICT Architect KNRM SAR Nh1816. Chief Technology Information & Communications KNRM.
<b>09:15 – 09:35</b>	<b>Coffee Break</b>
09:35 – 09:50	<b>New 16m Interceptor Class</b> Cdr. Shiv Kumar RAGHAV, Advisor & Consultant Solas Marine Group Dr. Albert NAZAROV, Managing Director of Albatross Marine Design
09:50 – 10:05	<b>The Damen Sea Axe</b> Jaap GELLING, Damen Shipyards
10:05 – 10:25	<b>Developing a new multipurpose high speed boat</b> Lt. Cdr. Tommi SOVARI, Lieutenant Commander Finish Armed Forces Jussi MANNERBERG, Nav. Arc. CEO of Boomeranger Boats
<b>10:30 – 12:30</b>	<b>BOAT TRIALS</b> Gothenburg Harbor
10:40 – 11:10	BT – Round 4
11:20 – 11:50	BT – Round 5
12:00 – 12:30	BT – Round 6
<b>12:30 – 13:45</b>	<b>LUNCH</b> River Café

# Preliminary Program

Wednesday May 7	
<b>14:00 – 16:00</b>	<b>PRESENTATIONS</b> Hotel 11 Auditorium
14:00 – 14:15	<b>Relevant Limits for Human Impact Exposure</b> Dr. Johan ULLMAN, HSBO Pro
14:15 – 14:30	<b>Spinal Injury Assessment in High Speed Craft: Design for Preventing Repeated Motion Injuries</b> Dr. Cameron BASS, professor at Duke University
14:30 – 14:45	<b>Preventing slamming impact injuries</b> Dr. Hans PUTTERS, Commander in the Dutch Navy
<b>14:45 – 15:00</b>	<b>Coffee Break</b>
15:00 – 15:15	<b>Slip Trip Flip &amp; Ejection</b> Rachel ANDREWS
15:15 – 15:30	<b>Mechanics of high speed boat accidents (and how to prevent them)</b> Lorne CAMPBELL, Lorne Campbell Design
15:30 – 15:45	<b>Experimental capsizing of full scale high speed boats</b> Cdr. Arnt AANONSEN, Norwegian Defense Logistics Organization
15:45 – 16:00	<b>Long term measurement in the Swedish Coast Guard for assessment of HSC crew exposure to vibration and shock</b> Dr. Karl GARME, KTH Centre for Naval Architecture
<b>16:00 – 18:00</b>	<b>BOAT TRIALS</b> Gothenburg Harbor
16:10 – 16:40	Boat Trial – Round 7
16:50 – 17:20	Boat Trial – Round 8
17:30 – 18:00	Boat Trial – Round 9
<b>18:00 – 20:00</b>	<b>NETWORKING</b> In the Tent on the Pier by River Café
<b>20:00 – 22:00</b>	<b>DINNER</b> River Café

# Preliminary Program

Thursday May 8	
<b>08:00 – 10:30</b>	<b>PRESENTATIONS</b> Hotel 11 Auditorium
08:00 – 08:15	<b>High Speed pod propulsion – Application and Integration</b> Jon WINGREN, Volvo Penta
08:15 – 08:30	<b>Propulsion systems</b> Josh ARMSTRONG, Armstrong Marine
08:30 – 09:30	<b>Drivelines Roundtable Q&amp;A</b> <u>Moderated by: Aaron Porter, editor of Professional Boat Builder</u> - Josh ARMSTRONG, Armstrong Marine - Jeffrey BOWLES, Donald Blount & Associates - Pim POLESI, Diesel Outboards - Gerard TÖRNEMAN, Volvo Penta - Jaap GELLING, Damen Shipyards
<b>09:30 – 09:45</b>	<b>Coffee Break</b>
09:45 – 10:00	<b>Build the boat around the people - with due consideration of legal and legislative aspects, duty of care and liability</b> Bob MACDONALD MBE, FInstLM, MCGI, Lt. Col. RM (Retiered)
10:00 – 10:15	<b>UK MoD Approach to Managing Whole Body Shock and Vibration in Small Fast Craft</b> Richard FINNEMORE, UK Ministry of Defense
10:15 – 10:30	<b>Lifetime upgrading of UK MoD fleet of high speed boats</b> Dr. Thomas COE, UK Ministry of Defense
<b>10:30 – 12:30</b>	<b>BOAT TRIALS</b> Gothenburg Harbor
10:40 – 11:10	BT – Round 10
11:20 – 11:50	BT – Round 11
12:00 – 12:30	BT – Round 12
<b>12:30 – 13:45</b>	<b>LUNCH</b> River Café

# Preliminary Program

Thursday May 8	
<b>14:00 – 16:00</b>	<b>PRESENTATIONS</b> Hotel 11 Auditorium
14:00 – 14:15	<b>Intuitive Steering System for better Control</b> Carl Magnus ULLMAN, Ullman Dynamics
14:15 – 14:30	<b>U.S. Coast Guard Missions, Requirements – A decade of Increasing Challenges</b> Henry IRIZARRY, U.S. Coast Guard (Retired)
14:30 – 14:45	<b>High Speed Operations Training for Special Forces</b> Andreas ISAKSSON, Spectre
<b>14:45 – 15:00</b>	<b>Coffee Break</b>
15:00 – 15:15	<b>RIB aerial delivery for counter terrorism, anti piracy and search and rescue operations</b> Rick ALLAMBY, Business Development Manager, Airborne Systems Limited
15:30 – 15:45	<b>Automatic Identification System - Why no boat or airplane should ever get lost again</b> Dr. Håkan LANS, inventor of the AIS
15:45 – 16:00	<b>High Speed Navigation in Littoral Waters</b> Harald NILSONNE, Sea Cross Marine AB
<b>16:00 – 18:00</b>	<b>BOAT TRIALS</b> Gothenburg Harbor
16:10 – 16:40	BT – Round 13
16:50 – 17:20	BT – Round 14
17:30 – 18:00	BT – Round 15

Friday May 9	
09:00 – 12:30	<p style="text-align: center;"><b>TUTORIAL 1</b> Conference Room 8</p> <p><b>Health Monitoring &amp; Impact Measuring on Hulls and Humans</b></p> <ul style="list-style-type: none"> <li>- Sven Åke ERIKSSON</li> <li>- Tom COE, UK Ministry of Defense</li> <li>- Carl Magnus ULLMAN, HSBO Pro</li> <li>- Karl GARME, Royal Institute of Technology (KTH)</li> </ul>
09:00 – 12:30	<p style="text-align: center;"><b>TUTORIAL 2</b> Conference Room 32</p> <p><b>Defining Requirements for New Boat Projects and Lifetime Extensions: Lessons Learned</b></p> <ul style="list-style-type: none"> <li>- Bob MACDONALD MBE, FInstLM, MCGI, Lt. Col. RM (Retiered)</li> <li>- Major James WILTON, Australian SAS</li> </ul>
13:30 – 17:00	<p style="text-align: center;"><b>TUTORIAL 3</b> Conference Room 8</p> <p><b>Designing Cockpits for Speed – Practical Approaches</b></p> <ul style="list-style-type: none"> <li>- Johan ULLMAN, M.D., HSBO Pro</li> <li>- Lorne CAMPBELL, Lorne Campbell Design</li> </ul>
13:30 – 17:00	<p style="text-align: center;"><b>TUTORIAL 4</b> Conference room 32</p> <p><b>Assessment of Structural Loads, Wave Impacts and Operational Limitations for High Speed Boats -</b></p> <ul style="list-style-type: none"> <li>- Albert NAZAROV, Ph.D, Albatross Marine Design</li> <li>- Timothy COATS, U.S. Navy</li> <li>- Michael RILEY, The Columbia Group</li> </ul>
09:00 – 17:00	<p style="text-align: center;"><b>TUTORIAL 5</b> Conference room 35 (09:00 – 12:00) &amp; Gothenburg Harbor</p> <p><b>High-Speed Boat Handling in Testing and Demonstration -</b></p> <ul style="list-style-type: none"> <li>- Sgt. Ret. Andreas ISAKSON, Swedish Amphibious Forces, HSBO Pro</li> </ul>

## HSBO 2014 – New Platforms and Technologies

In Conference Room 32

<b>Wednesday May 7</b>	
08:00 – 08:20	<b>Rescuerunner</b> Eric RUDELIUS, Safe at Sea
08:20 – 08:40	<b>2Fast 650 RIB</b> Nout REICHGELT, 2 Fast Boats
08:40 – 09:00	<b>Boarding Equipment for High Speed Boats</b> Henrik Henriksen, REBS and H. Henriksen
09:00 – 09:20	<b>Sillinger</b> Ivan DE QUATREBARBES, Sillinger
09:20 – 09:40	<b>Goldfish Boats</b> Fredrik BOLSTAD, Goldfish Boats
09:40 – 10:00	<b>High Speed Navigation in Littoral Waters</b> Harald NILSONNE, Sea Cross Marine AB
<b>12:30 – 13:45</b>	<b>Lunch</b>
14:00 – 14:20	<b>Boarding Boat of the German Federal Police</b> Jan MEYER, Yachtwerft Meyer
14:20 – 14:40	<b>New High Speed Patrol Craft</b> Magnus SÖRENSSON, Dockstavarvet
14:40 – 15:00	<b>KNRM 1816</b> Jaap VAN DER LAAN, Dutch Sea Rescue
15:00 – 15:20	<b>Boomeranger A-950</b> Ilkka PENTIKÄINEN, Boomeranger Boats
15:20 – 15:40	<b>Magnum 850 twin-jet and Munin S1200</b> Arild HANSEN, Norsafe
15:40 – 16:00	<b>Diesel Outboards</b> Pim POLESIE, Cimco



## HSBO 2014 – New Platforms and Technologies

In Conference Room 32

Thursday May 8	
08:00 – 08:20	<b>C-RIB Patrol Police Rescue</b> Peder BRUN, C-RIB
08:20 – 08:40	<b>Scorpion 78 RIB</b> Patrick BYRNE, Scorpion RIBS
08:40 – 09:00	<b>Dahl 24 RIB</b> Henrik DAHL, DAHL NAVAL Janis PETROV, DAHL NAVAL
<b>12:30 – 13:45</b>	<b>Lunch</b>
14:00 – 14:20	<b>Marine Diesel</b> Andreas BLOMDAHL
14:20 – 14:40	<b>FR Fassmer</b> Markus BARNER
14:40 – 15:00	<b>Hysucat 8,5 Racing Edition</b> Malan CONRADIE, Hysucat
15:00 – 15:20	<b>Vector 28 Wheelhouse</b> Frederik HETTERMARK, Vector ProBoatAB
15:20 – 15:40	<b>Volvo Penta</b> Gerard TÖRNEMAN, Volvo Penta
15:40 – 16:00	<b>Ullman Dynamics New Suspension Seats</b> Johan JORSTADIUS, Ullman Dynamics Jacob ULLMAN, Ullman Dynamics