

Conference on

# NORTHERN MARITIME CHALLENGE 2010

Photo: Pekka Sundberg

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13–15 April  
2010

Helsinki  
Exhibition and  
Convention Centre  
Finland

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CENTRE FOR MARITIME STUDIES

# Programme

Day 1  
Tuesday 13 April 2010

## Challenges in Baltic Sea Transports, Safety and the Environment

9.00 *Registration and coffee*

**Chairman: Mr Juhani Tervala, Director General, Finnish Transport Agency**

9.30 CHAIRMAN'S INTRODUCTION TO THE CONFERENCE

9.35 OPENING OF THE CONFERENCE  
Ms *Minna Kivimäki*, Director-General, Transport Policy Department, Ministry of Transport and Communications of Finland

9.55 WELCOMING ADDRESS OF THE CITY OF HELSINKI  
Ms *Paula Kokkonen*, Deputy Mayor

### SESSION I: OUTLOOK ON THE BALTIC SEA TRANSPORT

10.05 REVIEW AND CHALLENGES OF THE LATEST FINNISH MARITIME REORGANIZATION  
Mr *Juhani Tervala*, Director General, Finnish Transport Agency

10.20 *Break*

10.45 NEW HORIZONS, KEY DRIVERS OF FINNLINES' ECONOMICAL AND LOGISTICAL FITNESS PROGRAM IN A DEPRESSED MARKET  
Mr *Uwe Bakosch*, President, CEO, Finnlines Plc

11.15 RUSSIAN BALTIC SEA TRAFFIC SCENARIOS IN RELATION TO THE DEVELOPMENT OF PORTS  
Captain *Yury Orlov*, Deputy Harbour Master, St. Petersburg Maritime Port Administration

11.45 *Lunch*

### SESSION II: SAFETY AND THE ENVIRONMENT

**Chairman: Mr Esko Antola, Director, Centrum Balticum**

13.30 ENVIRONMENTAL REGULATIONS ARE A CHALLENGE FOR THE SHIPPING INDUSTRY  
Professor *Ulla Tapaninen*, Research Director, Centre for Maritime Studies, University of Turku

14.00 SHIPPING AS A CHALLENGE FOR THE BALTIC SEA ENVIRONMENT  
Dr *Anita Mäkinen*, Head of Unit, Marine Environment Protection, Finnish Transport Safety Agency (TraFi)

14.30 ON-LINE ACCOUNTING OF MARITIME EMISSIONS - A NECESSITY FOR POLICY FORMULATION  
Mr *Jukka-Pekka Jalkanen*, Finnish Meteorological Institute

15.00 *Coffee break*

15.30 NORD STREAM – SECURE GAS SUPPLY FOR EUROPE. PROJECT UPDATE.  
Mr *Simon Bonnell*, Survey Manager, Nord Stream AG

16.00 FINNISH NAVY, INTEGRAL PART OF SAFETY AND SECURITY IN THE BALTIC SEA  
Vice Admiral *Juha Rannikko*, Commander of the Finnish Navy

16.30 THE GEOPOLITICAL IMPACT OF THE OFFSHORE PIPELINE BETWEEN RUSSIA AND GERMANY  
Dr *Alpo Juntunen*, Senior Researcher, Finnish National Defence University, Department of Strategic and Defence Studies

17.00 ACTIONS BY THE NATIONAL CONTROLLING AUTHORITY  
Ms *Sanna Sonninen*, Director of Maritime Safety Department, Finnish Transport Safety Agency (TraFi), Maritime Sector

17.30-17.45 DISCUSSION AND CLOSING OF THE DAY

19.00-20.00 Evening reception at the Old Court Hall, Senate Square, hosted by the City of Helsinki

Day 2  
Wednesday 14 April 2010

## Ports in Change: Business Operations and Technology

8.30 *Registration and coffee*

**Chairman: Professor Ulla Tapaninen, Research Director, Centre for Maritime Studies, University of Turku**

9.00 CHAIRMAN'S INTRODUCTION TO THE DAY

SESSION III: BUSINESS OPERATIONS IN FOCUS

9.10 CURRENT CHALLENGES FOR PORTS IN EUROPE  
Mr *Diego Teurelincx*, Secretary General, Federation of European Private Port Operators (Feport)

9.50 PORT LEGISLATION AND CO-OPERATION BETWEEN AUTHORITIES  
Mr *Lassi Hilska*, Senior Advisor, Goods Transport, Logistics and Russia Cooperation, Transport Policy Department, Ministry of Transport and Communications of Finland

10.20 *Break*

10.40 NEW WINDS FOR BUSINESS OPERATIONS  
Mr *Arvid Gutted*, Business Developer, Port of Göteborg AB, Marketing Department

11.10 NEW ENVIRONMENTAL LEGISLATION – LNG AS A MARINE FUEL REQUIRES NEW BUNKERING INFRASTRUCTURE IN THE PORTS  
Mr *Björn Ahlnäs*, Vice President, New Ventures, Gasum Oy

11.40 *Lunch*

### SESSION IV: PORT DEVELOPMENT AND TECHNOLOGY

13.40 BALTIC CONTAINER MARKET OVERVIEW: MAIN TRENDS AND DEVELOPMENT PROJECTS  
Mr *Bogdan Oldakowski*, Secretary General, Baltic Ports Organization

14.10 PORTS FULL OF ENERGY! The changing world of Port Technology: from a solitary specialism to sustainable co-operation.  
Mr *Hendré Sijbring*, Business Unit Manager PortTechnology, Groningen Seaports

14.40 CHALLENGES IN DEVELOPING PORTS IN ST. PETERSBURG AREA  
Mr *Matti Ultriainen*, Director, Port and Transport Logistics, EP-Logistics Oy

15.10 *Coffee break*

15.40 NEW BUSINESS PLAN OF THE PORT OF KEMI  
Mr *Reijo Viitala*, Port Director, Port of Kemi  
Mr *Pekka Ala-Tuuhonen*, Head of Unit, Ramboll Finland Oy

16.10 CONTAINER SECURITY WITHOUT SLOWING CONTAINER COMMERCE: THE SafePort™ STRATEGY  
Mr *Troy Thompson*, President, Cargotec Port Security L.L.C. (USA)

16.40 CONTAINER TERMINAL AUTOMATION – INCREASING EFFICIENCY AND COST EFFECTIVENESS  
Mr *Peter W. Cardebring*, Senior Project Manager, HPC Hamburg Port Consulting GmbH

17.10-17.30 DISCUSSION AND CLOSING OF THE DAY

[www.northernmaritimechallenge.com](http://www.northernmaritimechallenge.com)

Day 3  
Thursday 15 April 2010

## Innovative Ship Solutions

8.30 *Registration and coffee*

**Chairman: Professor Pentti Häkkinen, Turku, University of Applied Sciences**

SESSION V: CHALLENGES IN SHIP BUILDING INDUSTRY

9.00 CHAIRMAN'S INTRODUCTION TO THE DAY

9.10 HOW IS EUROPE'S SHIP BUILDING INDUSTRY MANAGING THE DOWN TURN  
Dr *Reinhard D. Lüken*, Secretary General, Community of European Shipyards' Associations (CESA)

9.40 FUTURE OF CRUISE SHIPS AND AREAS  
Professor *Kai Levander*, SeaKey Naval Architecture

10.10 *Break*

### SESSION VI: NEW TECHNOLOGIES

10.25 CRUISE SHIP CONCEPT DESIGN  
Mr *Juhani Pitkänen*, Director, Royal Caribbean Cruises Ltd

11.05 NEW CHALLENGES FOR THE SHIPBUILDING INDUSTRY IN THE LONG RUN  
- How to build safer, environmentally friendly and cost efficient ships – especially passenger vessels  
Mr *Johan Snellman*, Vice President, Sales, Cruise & Ferries, STX Europe

11.35 MARINE EXHAUST GAS EMISSION CONTROL  
• legislation • SO<sub>x</sub> reduction • NO<sub>x</sub> reduction • PM reduction  
Mr *Torbjörn Henriksson*, General Manager, Product Centre Ecotech, Wärtsilä Finland Oy

12.05 *Lunch*

14.00 SUSTAINABLE OPERATIONS WITH GREEN SHIPS IN THE WHITE ARCTICA  
Mr *Mikko Niini*, Managing Director, Aker Arctic

14.30 REDUCED FUEL CONSUMPTION AND CO<sub>2</sub> EMISSIONS WITH AZIPOD PROPULSION  
Mr *Antti Lehtelä*, Marketing Manager, ABB Marine, Propulsion Products

14.50 ELECTRIC DRIVES FOR SIDE-ROLLING HATCH COVERS: AN ENVIRONMENT-FRIENDLY AND ECONOMIC SOLUTION  
Mr *Tuukka Laakso*, Manager, Electric Systems R&D, Cargotec Finland Oy

15.10 *Coffee break*

### SESSION VII: ADVANCED SHIP CONCEPTS TO MEET CONFLICTING CONSTRAINTS

15.40 FUTURE ROAD FERRIES  
Mr *Janne Kosomaa*, Uudenkaupungin Työvene Oy

16.10 CHALLENGES IN GREEN SHIPPING  
Ms *Susanna Airola*, Environmental Coordinator, Viking Line Abp

16.40 THE MERCHANT SHIP IN 2050  
Mr *Henrik Bachér*, Vice President, Consulting and Engineering, Elomatic Oy

17.10 - 17.30 Discussion and the end of the Conference

*The organiser reserves the right to make changes to the programme.*



# NORTHERN MARITIME CHALLENGE 2010

www.northernmaritimechallenge.com

Up-to-date information and know-how from maritime sector specialists  
to maritime business professionals

## CONFERENCE FEE

Whole conference	950 €
Two days	670 €
One day	390 €

## REGISTRATION

Please enter your registration latest on 22 March 2010 to the Centre for Maritime Studies by filling in the online registration form on our website  
[www.northernmaritimechallenge.com](http://www.northernmaritimechallenge.com)

You can also fill in the attached registration form and send it by fax to the number +358 (0)2 281 3311 or by mail to the address Veistämönaukio 1-3, FIN-20100 Turku, Finland

If you have any questions concerning registration, please contact Ms Ilse Leppäranta, tel. +358 (0)40 779 9484 or e-mail: [ilse.lepparanta@utu.fi](mailto:ilse.lepparanta@utu.fi)

## CANCELLATION

Please note that there will be a 150 € charge for cancellations received after the final registration date. Those absent without cancellation will be charged the whole conference fee.

## CONFERENCE VENUE

The conference will take place in Helsinki Exhibition and Convention Centre, Messuaukio 1, PL 21, 00521 Helsinki

## ACCOMMODATION

The organiser has reserved quotas for accommodation in the following hotels in Helsinki. Please make your reservations no later than 23 March directly to the hotel, use the code "NMC Conference".

Holiday Inn Helsinki  
Messuaukio 1  
00520 Helsinki  
[helsinki.holidayinn@restel.fi](mailto:helsinki.holidayinn@restel.fi)  
Tel. +358 (0)9 150 900  
fax: +358 (0)9 150 901  
[www.restel.fi/holidayinn](http://www.restel.fi/holidayinn)

Holiday Inn Helsinki City Centre  
Elielinaukio 5  
00100 Helsinki  
[helsinki.hihcc@restel.fi](mailto:helsinki.hihcc@restel.fi)  
Tel. +358 (0)9 5425 5000  
fax: +358 (0)9 5425 5299  
[www.holidayinn.com/hihelsinki](http://www.holidayinn.com/hihelsinki)

Cumulus Hakaniemi  
Siltasaarenkatu 14  
00530 Helsinki  
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[www.crowneplaza-helsinki.fi](http://www.crowneplaza-helsinki.fi)

You can find more info about the hotels on our website  
[www.northernmaritimechallenge.com](http://www.northernmaritimechallenge.com)

## ORGANISER

Organiser of the NMC 2010 Conference is the Centre for Maritime Studies of the University of Turku in Finland.

For more information on the conference please contact

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Register now! Tel. +358 (0)40 779 9484, [ilse.lepparanta@utu.fi](mailto:ilse.lepparanta@utu.fi), [www.northernmaritimechallenge.com](http://www.northernmaritimechallenge.com)



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