

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 *Tapani Stipa*, Head Marine Hydrodynamics,  
Finnish Meteorological Institute

15.00 *Coffee break*

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

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

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 Teurelinckx*, 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 Guthed*, 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 Utriainen*, 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

**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*

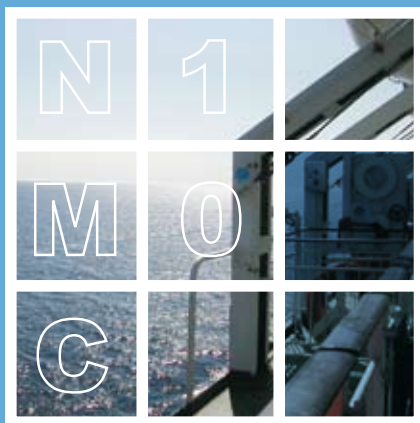
**SESSION VII: ADVANCED SHIP CONCEPTS TO MEET CONFLICTING CONSTRAINTS**

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 - Discussion and the end of the Conference  
17.30



# NORTHERN MARITIME CHALLENGE 2010

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)

Cumulus Olympia  
Läntinen Brahenkatu 2  
00510 Helsinki  
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fax: +358 (0)9 691 5219  
[www.cumulus.fi](http://www.cumulus.fi)

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[www.crowneplaza-helsinki.fi](http://www.crowneplaza-helsinki.fi)

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00530 Helsinki  
[my.reservation@restel.fi](mailto:my.reservation@restel.fi)  
Tel. +358 (0)20 055 055  
[www.cumulus.fi](http://www.cumulus.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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www.northernmaritimechallenge.com



13-15 April 2010

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Register now! Tel. +358 (0)40 779 9484, ilse.lepparanta@utu.fi, www.northernmaritimechallenge.com



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