

10<sup>th</sup>

# Arctic Passion Seminar

Thursday, March 12th, 2015, Helsinki



# Program



**Aker Arctic**  
The Ice Technology Partner

## 10th Arctic Passion Seminar

Thursday, March 12th, 2015, Aker Arctic building,  
Merenkulkijankatu 6, Helsinki

# Aker Arctic

8.00 Bus transfer to Aker Arctic from Scandic Grand Marina Hotel

8.30 Registration

9.00 Welcome Speech: Aker Arctic: 10 Years of Achievement, Reko-Antti Suojanen, Managing Director, Aker Arctic Technology Inc

9.15 Opening Speech: Jan Vapaavuori, Minister of Economic Affairs of Finland

9.25 How to Design and Build a Polar Class 3 Heavy Transport Vessel in Less than a Day, Philip Adkins, CEO ZPMC & Red Box Energy Services

9.45 "Crossing the River, Feeling the Stones". New Argentinian Polar Transport Project, Captain David Burden, Argentine Navy

### 10.05 Coffee Break

10.50 Joint development from design to construction, Esko Mustamäki, CEO, Arctech Helsinki Shipyard

11.10 Ice certificate principles for double-acting ships, Dr. S.I. Buyanov, General Director, CNIIMF, Dr. A.V. Andryushin, Head of Laboratory, CNIIMF, Dr. G.V. Markozov, Head of Hull structure department, CNIIMF, Dr. M.A. Kuteinikov, Head of Hull department, Russian Maritime Register of Shipping

11.30 Introduction of the Ice Model Test, Reko-Antti Suojanen, Managing Director, Aker Arctic Technology Inc

11.40 Demonstration Ice Model Test

### 12.00 Buffet Lunch

13.30 Safety Regulations of the Polar Code, Jorma Kämäräinen, Chief Adviser, Finnish Transport Safety Agency

13.45 Polar Code Environmental Regulations, Dr. Anita Mäkinen, Chief Adviser, Finnish Transport Safety Agency

14.00 Main factors of Novy Port Project, Artjom Tsobanjan, Head of Crude Oil Department, Gazprom Neft Trading GmbH

14:20 ISO Standard Development for Offshore Operations, Stephen Green, General Manager, Provincial Aerospace

14.40 Latest Development of Icebreaking Vessels for Gulf of Ob, Arto Uuskallio, Sales Manager, Aker Arctic Technology Inc

### 15.00 Coffee Break

15.20 Finite element analysis as a tool to optimize propellers of ice-going vessels, Ville Valtonen, Project Engineer, Aker Arctic Technology Inc

15.40 Multipurpose Icebreaker Operation in the Arctic, Jukka Salminen, Chartering Manager, Arctia Offshore

16.00 The updated assessment of a contribution of development of the oil and gas fields of the Russian Arctic in the development of the maritime transport system till 2030, Mikhail Grigoryev, Director, GECON

16.20 Discussion

16.40 End of the Day

17.00 Bus transfer to Helsinki Airport (20 min)

