



# 5th Arctic Passion Seminar

Aker Arctic Technology Inc  
Helsinki 4.3.2010

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The Ice Technology Partner

# Program (1)

Aker Arctic

- 8.45 Welcome. Last year's achievements and the way ahead. Mr. Mikko Niini, President, Aker Arctic Technology Inc
- 9.15 *Opening Words:* The Arctic Region - environmental and economic pearl? Ms. Paula Lehtomäki, Minister of Environment, Republic of Finland
- 9.40 *Keynote speech:* An Oil Major's View on Challenges in the Arctic. Mr Robert Blaauw, Business Development Manager, Shell International Exploration and Production B.V.
  
- 10.10 Green Shipping in the Arctic – likely impacts of environmental regulation and technology on Arctic shipping – a perspective from Classification. Mr Robert Tustin, Technical Manager New Construction, Lloyd's Register Asia

*Coffee Break*

## Program (2)

Aker Arctic

- 10.50 LNG fuel concept for icebreakers in the Arctic - a possible solution? Mr. Mauri Lindholm, Project Engineer, Aker Arctic Technology Inc, Turku
- 11.15 40 Years Model Testing to the Future. Mr. Göran Wilkman, Manager Research and Testing Services, Aker Arctic Technology Inc
- 11.40 Response to the environmental challenges in the latest Caspian icebreaker. Mr. Mika Hovilainen, Project Manager, Aker Arctic Technology Inc
- 12.00 Modern Icebreakers for North Caspian Operations. Mr Bob Derks, Projects Director, Royal Wagenborg Group, Delfzijl
- 12.15 Demonstration Model Test. Caspian icebreaker working astern in the shallow Kashagan field ice rubbles. Mr. Tom Mattsson, Aker Arctic Technology Inc

# Program (3)

## Aker Arctic

- 13.30 Offshore Developments in Russia - a presentation provided by JSC Sovcomflot, Moscow
- 13.45 *Keynote speech:* Technology Requirements for Future Arctic Developments - a perspective from an oil major with Arctic experience and real plans for future Arctic field developments. Mr. Peter Noble, Chief Naval Architect, ConocoPhillips - Project Development
  
- 14.15 Service experience from Arctic trades - a Russian shipowner's perspective. Captain Vyacheslav Konoplev, Deputy Director, Head of Shipping Division of Murmansk Transport Branch, JSC MMC Norilsk Nickel

### *Coffee break*

- 15.00 Present rules and regulations for polar operations - reason for confusion? A designer's view. Mr. Karl Hamberg, Design Manager, Aker Arctic Technology Inc.
- 15.20 Simulation technique, the latest Aker Arctic tool for conceptual development and ice navigation training. Mr. Reko Suojanen, R & D Manager, Aker Arctic Technology Inc
- 15.40 Update of Canadian Coast Guard Fleet Renewal Projects, Mr. Derek S. Buxton, Project Manager Polar Icebreaker, Major Crown Projects Directorate, Canadian Coast Guard and Brief Introduction to Arctic Offshore Patrol Ship Project, Mr. Dan McGreer, Principal Engineer, STX Canada Marine Inc, Vancouver
- 16.15 Arctia Shipping Oy – a traditional but new entity ready for high Arctics. Mr. Tero Vauraste, Managing Director, Arctia Shipping Oy
- 16.45 End of the Day
- 17.00 Bus transfer to Helsinki Airport (20 min)

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