

WINOIL

Winter Navigation Risks and Oil Contingency Plan

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WINOIL - General

- The project WINOIL is scheduled between December 2012 and November 2014
 - Kotka Maritime Research Centre, **coordinator FIN**
 - Aalto University, FIN
 - Baltic salvage & towage company, RUS
 - Central Marine Research and Design Institute, RUS
 - Agency of ecological consulting and nature protection design, RUS
 - Saint-Petersburg State Marine Technical University RUS and
 - Finnish Environment Institute (SYKE) FIN.

- in co-operation with the associate members: Finnish Transport Agency, Finnish Boarder Guard, Finnish Meteorological Institute, Finland's Ministry of the Environment, Ice Advisors Ltd, Arctia Shipping Oy, Finnpilots Ltd, Port of HaminaKotka Ltd, Meritaito Oy, Rosmorrechflot, State marine pollution control and salvage administration, Federal State Organization "Administration of Maritime port 'Great port St.Petersburg, Committee for Nature Use, Environmental Protection and Ecological Safety, WWF Finland, Finlands Ministry of Transport and Communications and Finnish Transport Safety Agency (TraFi).

Main Focus Areas of WINOIL

The project focuses on two main issues:

- 1) to update and develop the pollution **combatting contingency plan** between Russia and Finland related to GoF waters, and
- 2) to carry out **risk assessment of winter navigation** with the understanding of proper risk control options.



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- **WP1 Administration and communication (KMRA):**
 - overall coordination and project management;
 - financial and narrative reporting.
 - internal and external communication activities
 - meetings, workshops and joint seminars
 - public awareness by disseminating the project results.
- **WP2 Holistic risk management of winter navigation in Gulf of Finland (AALTO, SBSTU)**
 - - winter navigation hazard identification,
 - - development of winter navigation risk management model,
 - - a model for ship performance in ice and
 - - study of risk control options and cost-benefit analysis.

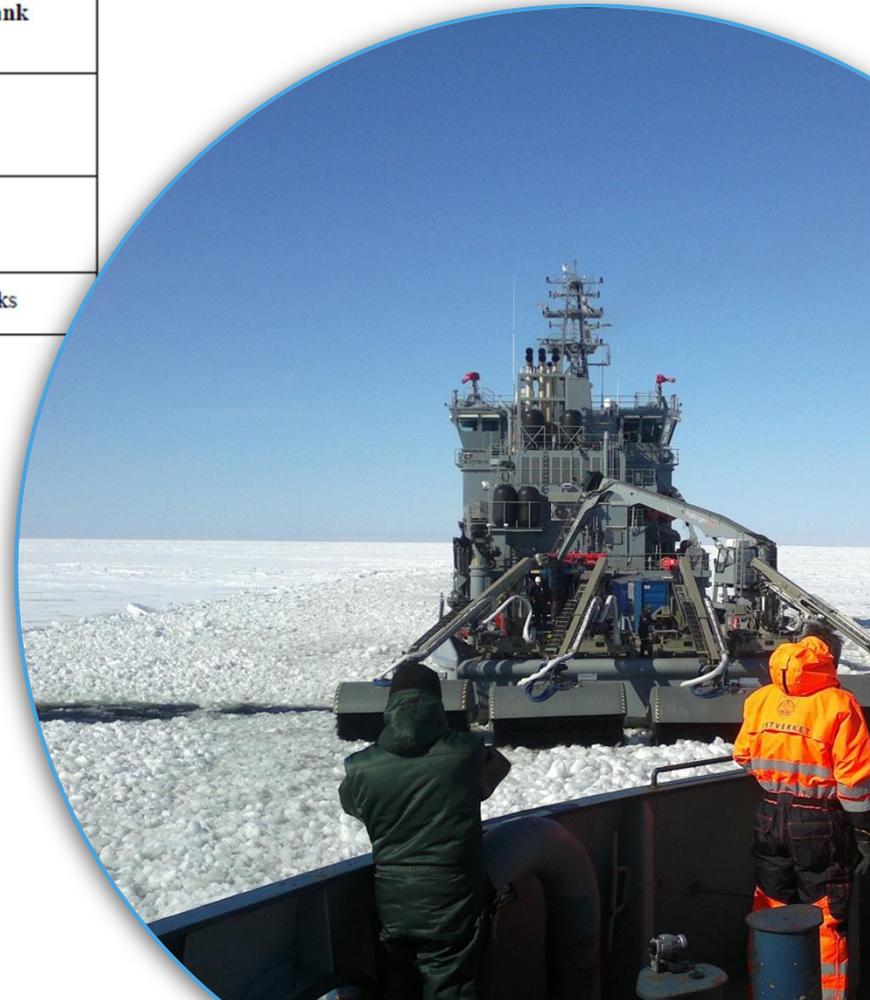
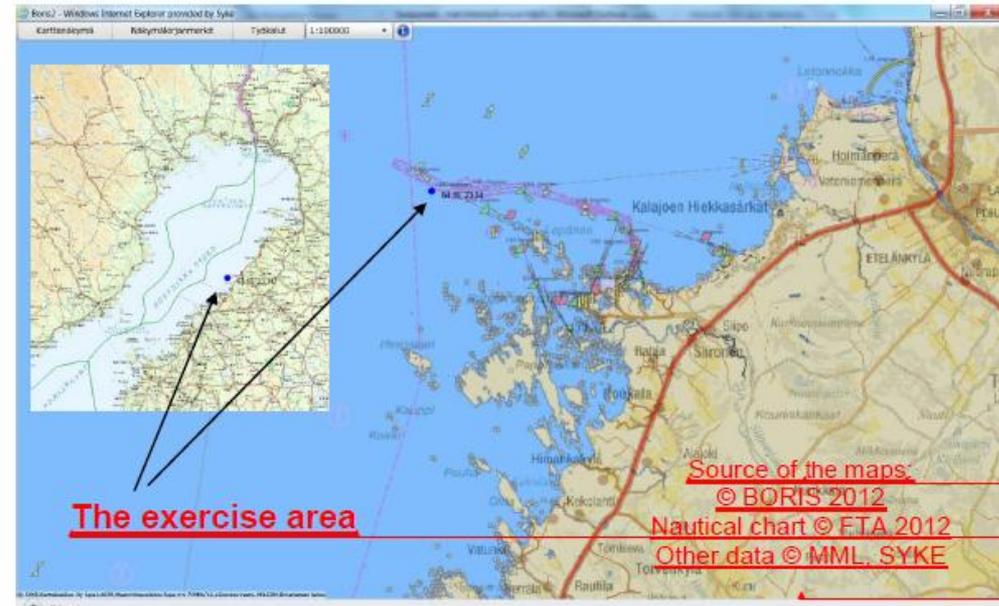
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- **WP3 Update of Finnish-Russian contingency plan for combating pollution of the Eastern part of GoF (CNIIMF, SYKE, BALTIC salvage and AECNPD)**
 - Updated Russian OSCP for the Eastern part of GoF,
 - Cross-the-border activity in large scale accidents,
 - Updated sensitivity maps for winter-time GoF,
 - Factors affecting on the use of dispersants
- **WP4 Recommendations related to (ALL)**
 - Ship performance in ice
 - Oil combating contingency plan
 - Winter time sensitivity mapping.
- Official www-Adresse: <http://www.merikotka.fi/winoil/>
- SYKE www of Winoil: <http://www.syke.fi/projects/winoil>

WINOIL related events – Kalajoki Exercise

- 10 April 2013

Nation	Name of the vessel	Type of the vessel	Oil Recovery system in ice	Oil cargo tank capacity (m ³)
Finland	LOUHI	Oil recovery/Navv supply vessel	4 Rear Brush 1 Oil recovery bucket /LAMOR	1200
Finland	SEILI	Oil recovery/Fairway maintenance vessel	1 Rear Brush	200
Sweden	KBV 181 GOTLAND	Oil recovery/Coast Guard Patrol vessel	Type of endless rope/FOXTAIL	Portable tanks



A series of blue silhouettes of people in various poses, including standing, walking, and bending over, set against a dark blue background.

Shoreline Cold Weather Oil Spill Response

TalviSÖKÖ

1.4.2013–31.10.2014

Justiina Halonen
Kyamk Seafaring and Logistics

22.8.2013

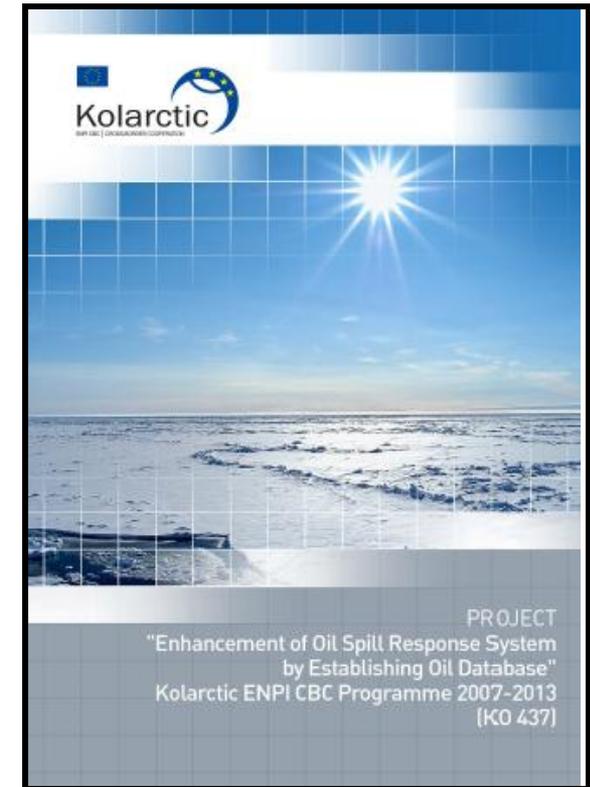
Shoreline Cold Weather Oil Spill Response

- ❑ Objective: to improve cold weather response capability
- ❑ Focus: spill response tactics and logistics in nearshore waters & shoreline
- ❑ Outcome: Shoreline Cold Weather Response Manual
- ❑ Complementary contingency plan



Links to other Oil-in-Ice projects

- «Enhancement of Oil Spill Response System through Establishing Oil Database» is implemented within the framework of «Kolarctic ENPI CBC Programme 2007-2013» in the Murmansk region.
- The overall aim of the Project is to minimize damage to the environment during oil spills in the regions of the Kolarctic Programme area.
- Specific objective is to develop procedure of prompt cooperation of international emergency response forces in the emergency situation,
- LEAD PARTNER:
- FBI State Regional Centre for Standardization, Metrology and Testing in the Murmansk Region of Rosstandart
- Other partners from Russia, Norway and Finland – SYKE as an associate partner.



International Conference "The Issues of Emergency Management in the Arctic " organised by the Russian EMERCOM Naryan-Mar, Russia, August 20-22, 2013

Lessons learned from the Baltic Sea were highlighted in Naryan-Mar

Risks related to Ice Navigation and oil recovery options (WINOIL thema) in ice had a high priority in the Conference



WINOIL and the Gulf of Finland Year 2014

- Oil-in-Ice Exercise is planned to be executed in Spring 2014 in Kotka, Finland;
- Simultaneous Winoil project meeting with an expert seminar in Vellamo:
<http://www.merikeskusvellamo.fi/en/>
- The exercise will be one of the Major Events of the Gulf of Finland year 2014: see more detailed info from:
<http://www.gof2014.fi/fi/>
- The Exercise will be a rehearsal event for a large-scale oil-in-ice demonstration show for 2015 in the Gulf of Bothnia



More Information:

Finnish Environment Institute/

www.environment.fi/oil

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**Finnish Oil Recovery
vessel LOUHI during
the Oil-in-Ice
exercise in Kalajoki,
Finland, April 2013**

