



Invitation

to

LITTORAL OPTECH-WEST

The Swedish Royal Society of Naval Sciences – Kungl. Örlogsmannasällskapet (KÖMS) – in cooperation with the Littoral Operations Center of the U.S. Naval Postgraduate School, invites you to attend **LITTORAL OPTECH-WEST**, September 23rd and 24th, 2014, in Stockholm, Sweden.

This is the first in a series of regionally-focused Littoral Operations and Technology Workshops. Supported by the U.S. Office of Naval Research-Global, these workshops will explore operational and technological challenges in and along the coastal, confined and shallow waters around the globe.

The workshop will convene at the Swedish National Defence College, Drottning Kristinas Väg 37, Stockholm. An ice-breaker reception will be held at the Citadel (Kastellet), Kastellholmen, Stockholm, on the evening September 22nd, at 1900 hours.

A tentative agenda is attached to this invitation. A final agenda will be posted before the event.

A limited number of rooms are available for invited speakers at the Hotel Skeppsholmen. Please contact Captain Nils Bruzelius (Ret'd), RSwN, for more information at treasurer@koms.se. A shuttle bus will operate from the Marriott Courtyard Stockholm Kungsholmen: <http://www.marriott.com/hotels/travel/stocy-courtyard-stockholm-kungsholmen>.

Dress for the event is business attire or military equivalent.

Please RSVP to Captain Keith Wei at kswei@nps.edu, as soon as practicable before September 23rd.

Join defence leaders, scientists, analysts and experts in this workshop, examining naval operations and technologies in the Northern European littorals. See you in Stockholm!

Dr. Kalev I. Sepp
Director, Littoral Operations Center
U.S. Naval Postgraduate School

See the Littoral Operations Center (LOC) story in *SEAPOW*:
http://www.seapower/digital.com/seapower/may_june2014?pg=6#pg36

<http://www.koms.se>

<http://www.nps.edu>

<http://www.onr.navy.mil/en/Science-Technology/ONR-Global.aspx>

<http://www.hotelskeppsholmen.se/>

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AGENDA

LITTORAL OPTECH-WEST

22 nd September	Activity	Comments
1900 – 2100	Icebreaker	The Citadel (Kastellet) at Kastellholmen, Stockholm <i>** See BUS SCHEDULE at end of Agenda</i>

23 rd September	Activity	Comments
0700 – 0800	Registration; Coffee & Sandwiches	Försvarshögskolan, Drottning Kristinas Väg 37, Stockholm <i>** See BUS SCHEDULE at end of Agenda</i>
0800 – 0810	Welcome and Admin Notices	CAPT Bo Wallander (Ret'd), RSwn, Saab EDS & KÖMS
0810 – 0820	Welcome Address	RADM Jan Thörnqvist, RSwn, Chief of Staff, Royal Swedish Navy
0820 – 0830	KÖMS Welcome Address	RADM Thomas Engevall, RSwn, President, KÖMS
0830 – 0840	Littoral Operations Center (LOC) U.S. NPS Welcome Address	Dr. Kalev I. Sepp, Director, LOC, U.S. Naval Postgraduate School
0840 – 0850	Office of Naval Research – Global Welcome Address	CAPT Clark Troyer, USN, CO, ONR-Global
0850 – 0920	Keynote Address	RADM Jay Cohen (Ret'd), USN, former Chief of Naval Research, and Under Secretary S&T DHS
0920 – 0940	Break	
0940 – 1000	“The Littorals: Shifting from Blue to Green”	Dr. Kalev I. Sepp, Director, LOC, U.S. Naval Postgraduate School
1000 – 1010	NATO Centre of Excellence for Operations in Confined and Shallow Waters	CDR Ingo Eilts, German Navy, NATO COE-CSW, Kiel
1010 – 1030	Overview of Littoral Operations and Technologies	Dr. Lee Willett, Editor, IHS Jane's Navy International
1030 – 1045	“The Deadly Littorals since 1905” (via podcast)	CAPT Wayne Hughes (Ret'd), USN, Professor, U.S. Naval Postgraduate School
1045 – 1100	Break	
1100 – 1230	Panel One Moderator: CDR Steve Benson	THE LITTORALS: WHY WE CARE – a Nordic European view

	(Ret'd), USN, Saab PM Littoral Operations Center (LOC)	Strategy; Policy; Partnering; Navies; Sea Lanes; Global Economy & Trade; Piracy; Resources Panelists: -- CAPT Yueksel Can, Turkish Navy, NATO COE-CSW, Kiel -- Dr. Eric Berglund, Swedish Defence Research Agency (FOI) -- Dr. Martin Murphy, Naval Analyst & Senior Research Fellow, Dalhousie University -- CAPT Jeff Kline (Ret'd), USN, via telecon, U.S. Naval Postgraduate School
1230 – 1400	Lunch	FHS Mess
1400 – 1415	Naval Operations, Exercise NOCO-14	CAPT Petri Heilanen, ACoS-M3, Navy Command, Finland
1415 – 1530	Panel Two Moderator: RADM Bertil Björkman (Ret'd), RSwN, KÖMS	OPERATIONS IN THE LITTORALS, with Allies and Partners Panelists: -- RDML Jonas Haggren, RSwN -- CAPT Magnus Jönsson, Commander, 3 rd Surface Warfare Flotilla, RSwN -- CAPT Chris Hodkinson, RN, Deputy Asst. Chief of Staff - Land & Littoral Manoeuvre -- CDR Carl-Magnus Wasenius, Chief of Staff, Uusimaa Brigade, Finland
1530 – 1540	Break	
1540 – 1700	Panel Three Moderator: CAPT Bo Rask (Ret'd), RSwN, Secretary, KÖMS	UNDERWATER OPERATIONS IN THE LITTORALS Panelists; -- RADM J.J. Waickwicz (Ret'd), USN, former CO, Naval Mine and ASW Ops, 3 rd Fleet -- CAPT Anders Järn, RSwN, FXM, Swedish Defence & Security Export Agency (FXM) -- CAPT Jens Nykvist, RSwN, Commander, Submarine Flotilla -- CDR Jonas Hård af Segerstad, RSwN, Commander, 42. Mine Countermeasures Squadron
1700 – 1710	Day 1 Closing Remarks	CAPT Bo Wallander (Ret'd), RSwN, Saab EDS & KÖMS

24th September	Activity	Comments
0830 – 0835	Admin Notices	CAPT Bo Wallander (Ret'd), RSwN, Saab EDS & KÖMS

		<i>** See BUS SCHEDULE at end of Agenda</i>
0835 – 0900	Keynote Address	BGEN Ola Truedsson, Commander, Maritime Component Command, Swedish Armed Forces Joint HQs
0900 – 1030	<p>Panel Four</p> <p>Moderator: Col. Patric Hjort, Swedish Defence Material Administration</p>	<p>TECHNOLOGY IN THE LITTORALS - 1</p> <p>Seeing Through The Clutter: On the Surface & Over-the-Shore (Sensors & EW)</p> <p>Panelists:</p> <ul style="list-style-type: none"> -- Dr. Björn Larsson, Above Water Research Leader, Swedish Defence Research Agency (FOI) -- Mr. Andy Biss, PM AN/SPS 77 in the U.S., Saab EDS -- Mr. Mats Elofsson, PM Surface Warfare, Swedish Defence Material Administration (FMV) -- Prof. Phil Pace, via podcast, U.S. Naval Postgraduate School
1030 – 1045	Break	
1045 – 1215	<p>Panel Five</p> <p>Moderator: RADM Jay Cohen (Ret'd), USN, former Chief of Naval Research and Under Secretary S&T DHS</p>	<p>TECHNOLOGY IN THE LITTORALS - 2</p> <p>Seeing Through The Clutter: Below the Surface and In-Shore (Sensors & UUVs)</p> <p>Panelists:</p> <ul style="list-style-type: none"> -- CDR Pontus Krohn, Swedish Armed Forces headquarters, Directorate of Plans and Policy -- Mr. Linus Fast, Under Water Research Leader, Swedish Defence Research Agency (FOI) -- Dr. Kevin Brinkman, ATLAS ELEKTRONIK GmbH
1215 – 1330	Lunch	FHS Mess
1330 – 1500	<p>Panel Six</p> <p>Moderator: Dr. Henrik Friman, Stategic Solutions</p>	<p>TECHNOLOGY IN THE LITTORALS - 3</p> <p>Ships, Vessels, Craft & Submarines for the Littorals: Experimentation & Innovation</p> <p>Panelists:</p> <ul style="list-style-type: none"> -- CDR(E) Mats Nordin, SME Submarine Design, Swedish Defence Research Agency (FOI) -- Dr. Roger Berg, SME Submarine and Surface Ship Design, Saab Kockums -- Mr. J. Scott Shipman, B.B. Hoss, Inc. -- Dr. Chris Bassler, Team Leader for Future Surface Combatants, U.S. NSWC Carderock

		-- Mr. Derrick Marcus Tepaske, ONR Science Advisor - II Marine Expeditionary Force & Acting ONR SciAd - Marine Forces Command
1500 – 1530	Wrap-Up Moderator: CAPT Bo Wallander (Ret'd), RSwN, Saab EDS & KÖMS	Closing Remarks -- KÖMS -- LOC -- ONR-Global -- Naval Representatives, TBD Announcement of Next Workshop: Littoral OpTech-East

****BUS SCHEDULE**

22 Sept. / ICE BREAKER

(Icebreaker starts at 19.00)

18.20, Bus departs: --

From: Marriott Courtyard Stockholm Kungsholmen, Rålambshofsleden 50

To: Kastellet, Kastellholmen, Stockholm

(Ice breaker ends at 21.00)

21.10, Bus departs --

From: Kastellet, Kastellholmen, Stockholm

To: Marriott Courtyard Stockholm Kungsholmen, Rålambshofsleden 50

23 Sept. / WORKSHOP - DAY ONE

(Workshop starts 07.00-08.00)

06.45, Bus departs --

From: Marriott Courtyard Stockholm Kungsholmen, Rålambshofsleden 50

To: Försvars Högskolan, FHS (Swedish National Defence College), Drottning Kristinas Väg 37

(Workshop ends at 17.10)

17.20, Bus departs --

From: Försvars Högskolan, FHS (Swedish National Defence College), Drottning Kristinas Väg 37

To: Marriott Courtyard Stockholm Kungsholmen, Rålambshofsleden 50

24 Sept. / WORKSHOP - DAY TWO

(Workshop starts at 08.30)

07.45, Bus departs --

From: Marriott Courtyard Stockholm Kungsholmen, Rålambshofsleden 50

To: Försvars Högskolan, FHS (Swedish National Defence College), Drottning Kristinas Väg 37

(Workshop ends at 15.30)

15.50, Bus departs --

From: Försvars Högskolan, FHS (Swedish National Defence College), Drottning Kristinas Väg 37

To: Stockholm Central Station Arlanda Express