



28.08.1997 HIG

**ØRESUND. SEMINAR AND EXCURSION**

**Seminar on dredging and construction of Peberholm and the peninsula outside Kastrup. Excursion to spill monitoring vessels and to construction works on peninsula and on Peberholm**

In cooperation with the Contractor, Øresund Marine Joint Venture (ÖMJV) consisting of Ballast Needam, Great Lakes and Per Aarsleff, Danish Society of Hydraulic Engineering has organized a seminar and an excursion:

**Saturday 20 September 11.00 hrs - 17.00 hrs.**

Meeting point: Øresundsudstillingen. Auditorium, Kastrup Strandpark, 2770 Kastrup

Preliminary program:

11.00-11.30	Welcome and description of ÖMJV's work	Jaap de Ruyter
11.30-11.50	Project modifications	Lars Carlsen/Jaap de Ruyter
11.50-12.10	Dredging experiences (Chicago/Castor)	Jaap de Ruyter/NN
12.10-12.30	Spill monitoring (equipment, results, accuracy)	Franz Pipers/Trine Bojsen
12.30-12.50	Revetment design and construction	Lars Carlsen/Niels Lykkeberg
12.50-13.10	Dredged material as construction material	Ole Madsen/Lærke Ritsmer
13.10-13.30	Other interesting aspects (ferry waves)	Helge Gravesen
13.30-14.30	Lunch in restaurant Kastrup Strandpark	
14.30 - 17.00	Excursion:	
	1) Spill monitoring vessel in Kastrup Havn	
	2) Peninsula (revetments, dredged materials, excavation to tunnel)	
	3) Visit to Peberholm (including working harbors)-transport in 2 vessels	

Limited written documentation will be handed out.

Before and after the seminar and excursion it is possible to pay a visit to the Øresund Link exhibition (price 15 kr).

Number of participant to excursion including Peberholm is limited to 60 participants.

Best regards

Danish Society of Hydraulic Engineering

Helge Gravesen

## AFTERNOON EXCURSIONS

Split up into two groups: A Stevns Tender (STe)  
B Stevns Transporter (STr)

### GROUP A

STe guide: KSA

14:30 - 14:45 sail Kastrup to Peninsula  
14:45 - 15:30 tour on foot Peninsula Area  
Portal Area  
CSD Workshop  
15:30 - 16:15 sail Pen. via West Pylon to Harbour  
2A West Island

split into three subgroups

16:15 group A1 spillboat A2 cartrip A3 portal area  
16:45 group A2 spillboat A3 cartrip A1 portal area  
17:15 group A3 spillboat A1 cartrip A2 portal area  
17:45 - 18:00 sail West Island to Kastrup

### GROUP B

STr guide: JDR

14:30 - 14:45 sail K'up to Harbour 2A West Island  
split into three subgroups  
14:45 group B1 spillboat B2 cartrip B3 portal area  
15:15 group B2 spillboat B3 cartrip B1 portal area  
15:45 group B3 spillboat B1 cartrip B2 portal area  
16:15 - 17:00 sail West Island via West Pylon to  
Peninsula  
17:00 - 17:45 tour on foot Peninsula Area  
Portal Area  
CSD Workshop  
17:45 - 18:00 sail Peninsula to Kastrup

Guides subgroups: spillboat FPI / TBB  
cartrip OMa / LRi  
portal area KSA group A  
JDR group B

GENERAL NOTE: the boats MUST be back in Kastrup Harbour for  
the shift change NO LATER THAN 18:00 hours.  
SHORTEN last programme item if necessary.

**Programme for Spill Monitoring presentation :**

**Sat 20/09/'97 12:10 - 12.30 hrs**

<b>Subject</b>	<b>medium</b>	<b>by</b>
<b>Short Introduction</b>	verbal	FPI
<b>Definition of Spill</b>	overhead	FPI
<b>Requirements to Maximum Sediment Spill</b>	overhead	FPI
<b>Control of Sediment Spill</b>	overhead	FPI
<b>Spill Monitoring Department + Organisation</b>	verbal + overhead	FPI
<b>Spill Monitoring System (shipbased + outlets )</b>	overhead + expl.	FPI
<b>Special tasks</b>	verbal	FPI
<b>Visual Spill patterns</b>	overheads	FPI
<b>Calculation methods &amp; phenomena</b>	overhead + expl.	TBB
<b>Overall Accuracy, Probabilistic Analysis</b>	verbal	FPI
<b>Overall Spill Percentage</b>	overhead	FPI

During the presentation the following exhibits will be circulated:

- an O(ptical) B(ackS(catter) Sensor or turbidity sensor
- a copy of a Formazin Calibration document (both sides)
- a copy of a Conversion Factor document (both sides, of course the best ones we had)
- some filters with suspended sediment content
- part of a faulty streamer cable (on impact against boulders and seabed)

On behalf of the Spill Monitoring Department of ØMJV,

**thank you for participating !**