

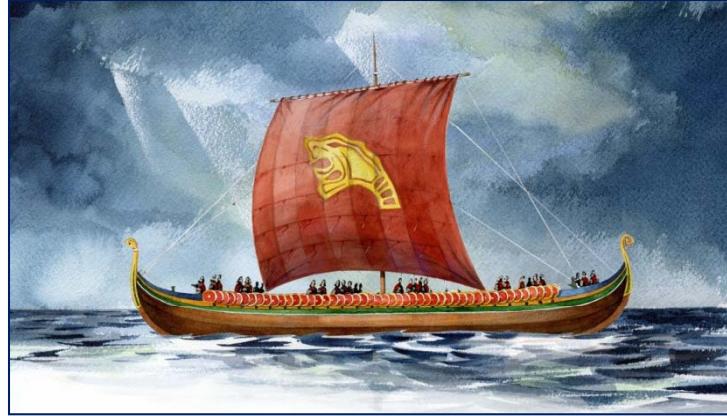
Viking Wirral and the Draken Harald Fairhair Viking Longship Project

Liverpool Victoria Rowing Club, January 2012

Stephen Harding



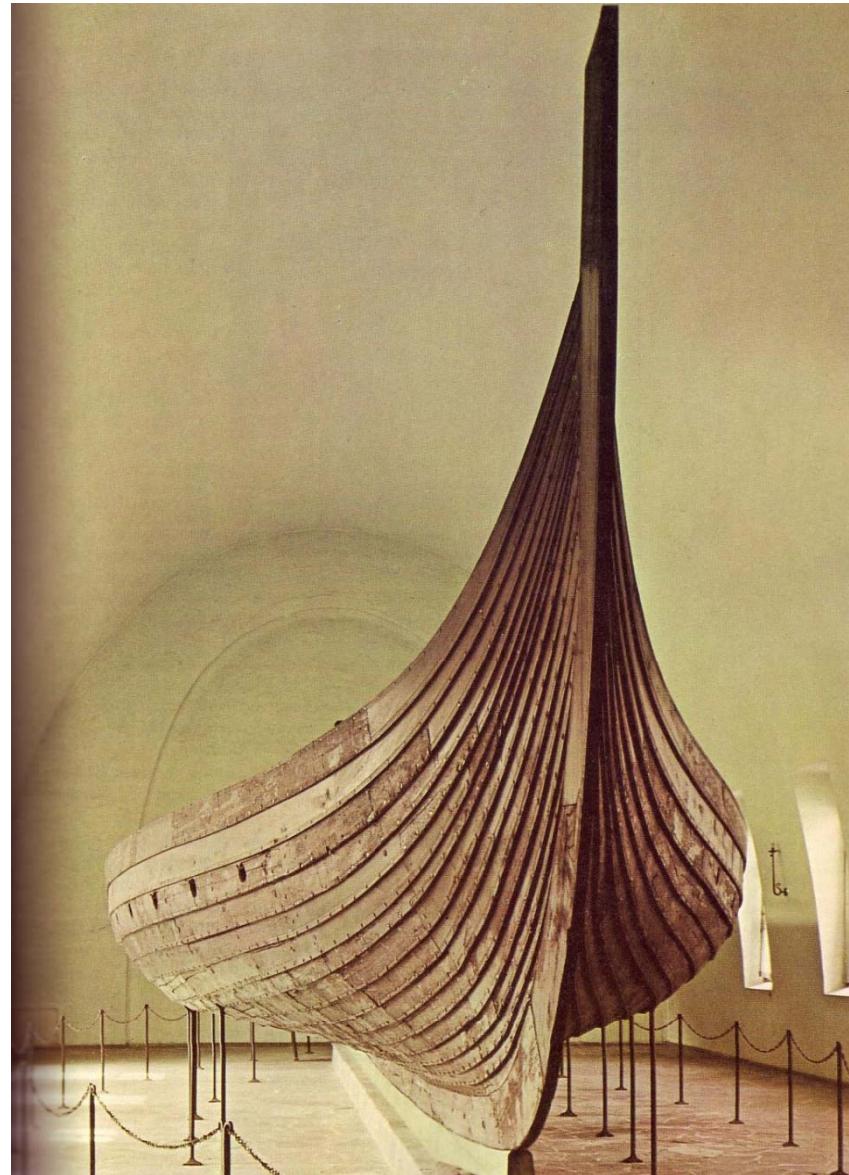
The Draken Harald Fairhair Project 2009 -

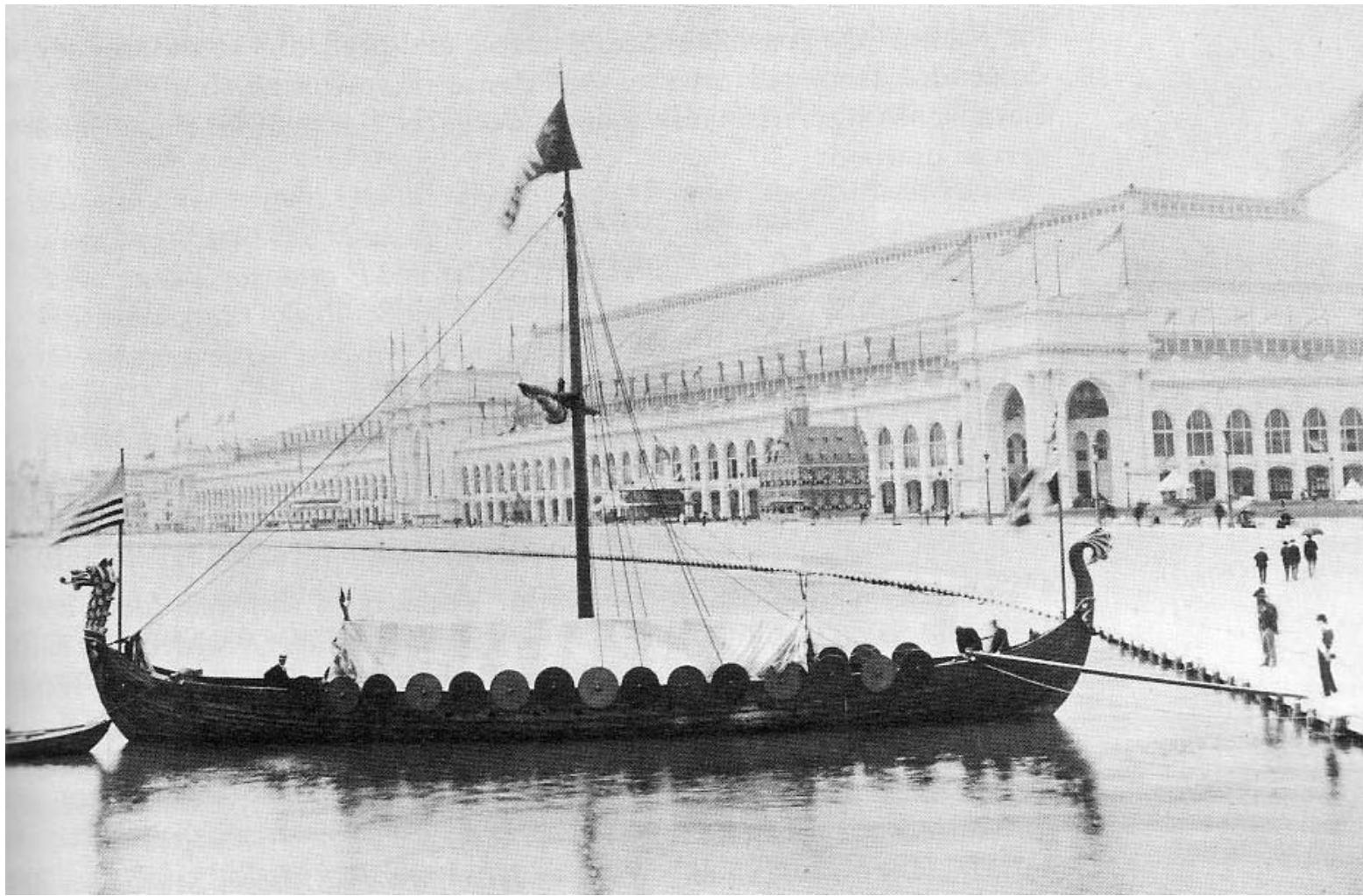


The *Draken Harald Fairhair* : aim to recreate a ship – the largest ever reconstruction with the superb seaworthiness that characterized the Viking age

- Excellent sailing characteristics of ocean going ships
- Warships usage of oars
- “25 sesse” – 25 pairs of oars, 2 men to an oar
- 35 metres long – half a football pitch – 8 metres wide

Many reconstructed vessels have been based on the Gokstad (~AD850) at the Oslo Skiphuset





The Viking, Chicago, 1893 – 2/3 replica crossed the Atlantic



Odin's Raven - Manx Millenium, 1979

Magnus Magnusson

1929-2007





***The Gaia*, late 1980's – also crossed the Atlantic**

A recent project has also focused on a replica of the Oseberg ship (~AD800), also at the *Skiphuset*...



..Oseberg replica (2009)

**..built by Per Bjørkum
who wanted to show
that the Oseberg ship
was seaworthy!**



..another was based on Skuldelev 2, a warship at Roskilde (dated to ~1050 and built in Dublin)



..reconstructed in 2004 as the “Sea Stallion”



Photo Michael Borgen



The Draken Harald Fairhair – largest ever reconstruction

Thingwall – *Pingvöllr*



http://www.nottingham.ac.uk/~sczsteve/BBCRadio4_20May08.mp3

Tranmere - *Tranmelr*





Stone 'most vital' find in 20 years

Professor gives talk on Bidston discovery

By LOUISE POWNE

A PACKED room at Wimborne Minster this week heard how it yielded probably the tame archaeological find of the Viking period for 20 years.

Professor Richard Borsig, then Professor of Anglo-Saxon at the University of Exeter, gave a ringing endorsement of the 10th century stone cross shaft which was discovered in a garden in 2004 and called "a crucial site".

And now campaigns for the preservation of the site and the find will provide leverage for a complete archaeological assessment of the securing of the former buildings as a museum.

The stone, which was in public display for the



the ● Professor Richard Bailey

Code No. 111
during Wednesday night's lecture, would have been used as a grave marker and is thought to have been created by local masons from locally quarried stone.

Although it is well known that *Salmonella* can be transmitted to cattle by *Salmonella* infected humans, the role of humans in the transmission of *Salmonella* to cattle has not been fully elucidated.

WIRRAL NEWS GROUP, Wednesday, November 30, 2005



first **● Peter Crawford and Jenny Whalley with the Viking stone**

2000

Carvings of the Viking period took representations beyond the monastic world and often featured martial images or hunting references. The Bidston stone shows two fanged beasts, assumed to be bears which are often found in Scandinavian artwork, whose tongues are interlaced in an elaborate design with a three-fold knot between their paws.

卷之三



2706



2894



130

Viking genes in Northern England project

- ◆ **Part 1 - Wirral and West Lancashire (2002-2007)**
- ◆ **Part 2 - North Lancashire, Cumbria and N. Yorkshire (2008-2012)**



We have also been testing in Scandinavia



Karmøy Lokal **Avaldsnes**

Jakter på viking-gen



Forskertrioen Stephen Harding (t.v.), Turi King og Mark Jobling trenger hjelp av norske menn til DNA-undersøkelsen. Den kan fint gjen nomføres hjemme. En prøve av munnekittceller fra innsiden av kinnet med denne pinnen er det som skal til. (Foto: Terje Størksen)



Sigurd Aase, Haugesund



09/06/2010 07:37





... also Patron of the Draken project!



Sigurd – and Marit Synnøve Vea: Project Leader



Terje Andreassen: another Project Leader



09/06/2010 12:38



09/06/2010 12:39



09/06/2010 12:44



Turi, Mark, Marit, and Harald Løvvik

Heading off to Karmøy Viking Village





09/06/2010 10:37



09/06/2010 11:08



09/06/2010 11:09



09/06/2010 08:52



09/06/2010 08:08



09/06/2010 09:37

Harald Hårfagre – and Gyda



09/06/2010 09:39

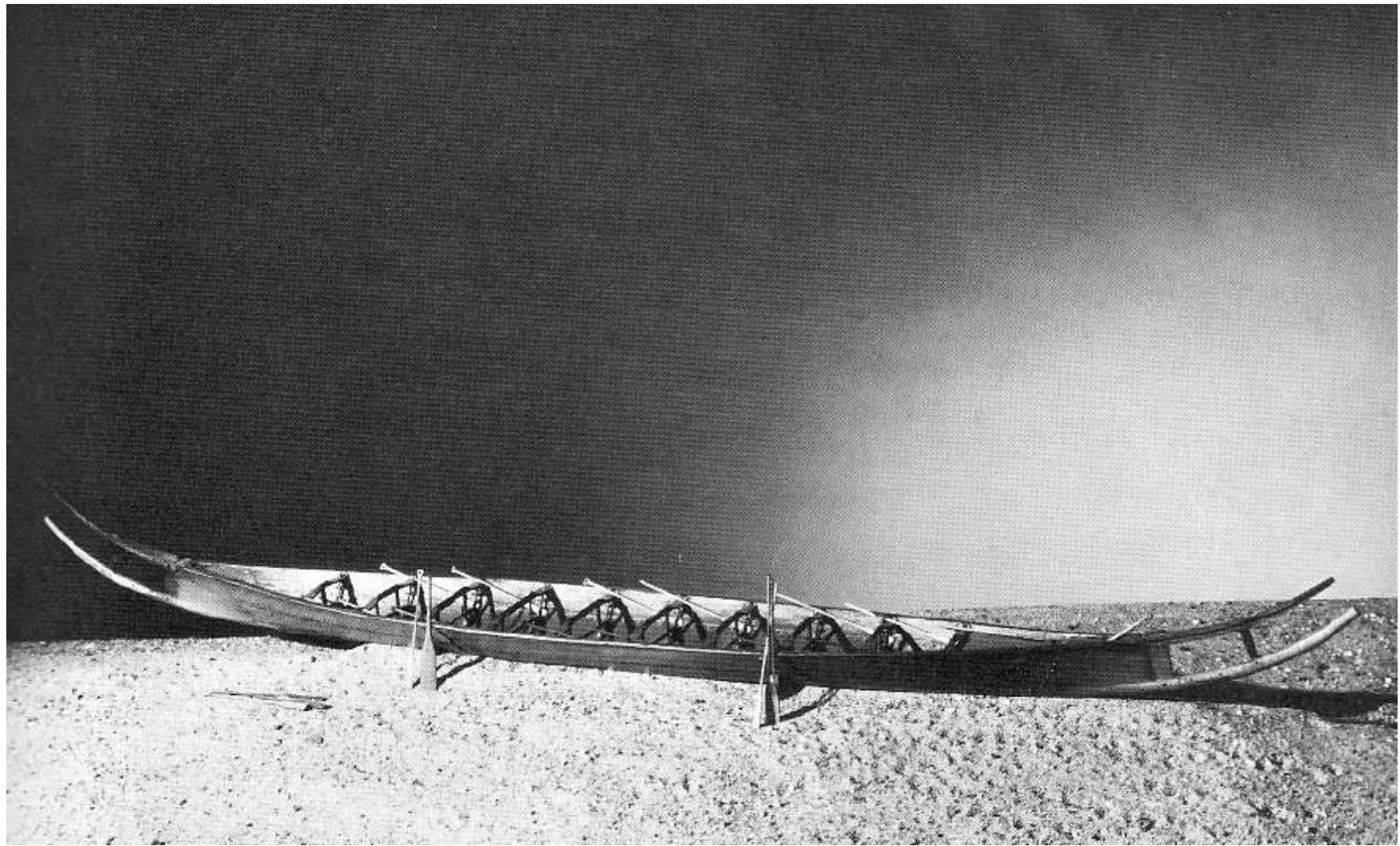
Hafrsfjorden – site of the famous victory by Harald Hårfagre







June 2010: Sigurd agrees to the Draken coming to Wirral on its maiden voyage, 2013!

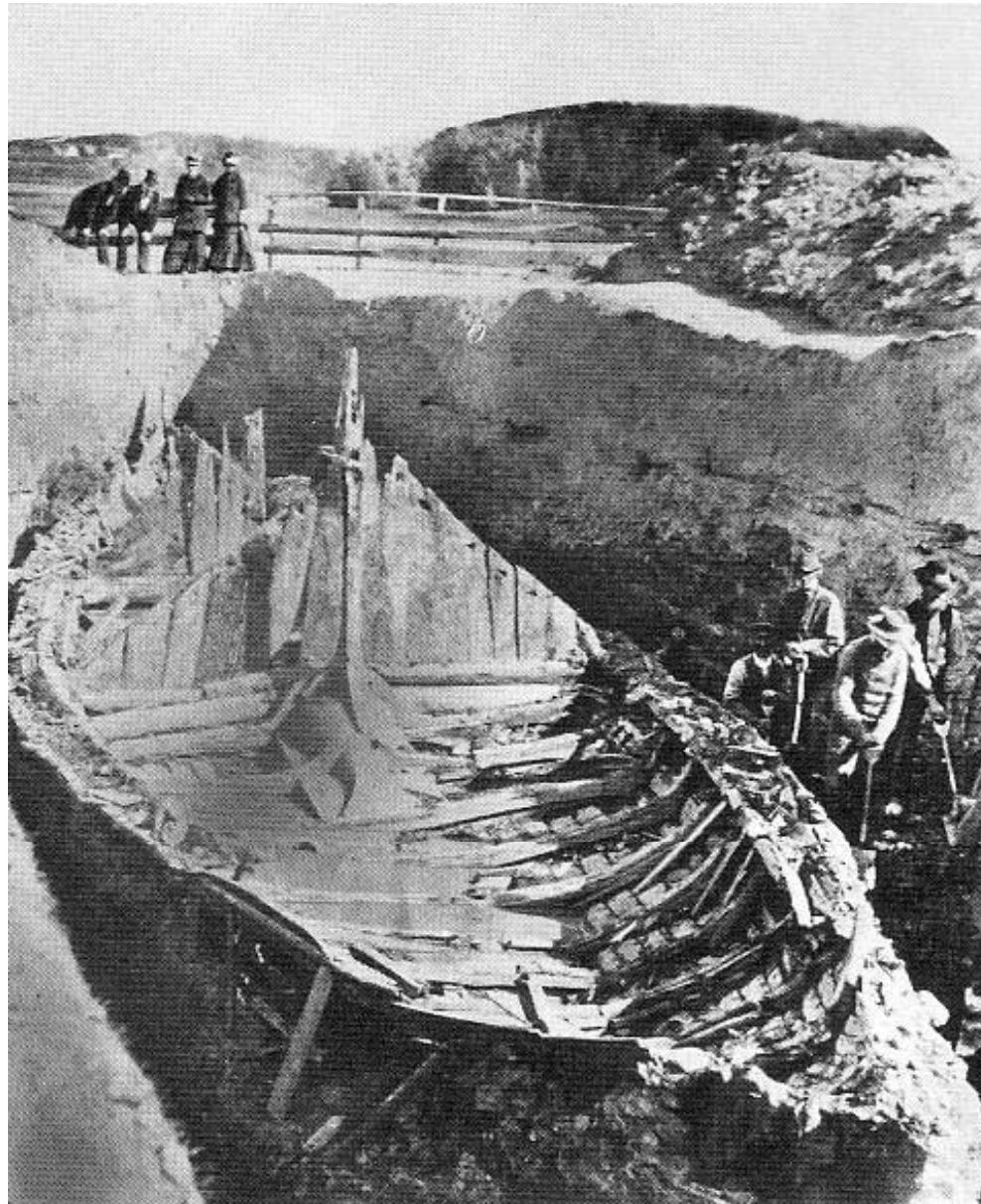


Hjortspring Boat ~ 300BC - suggested reconstruction

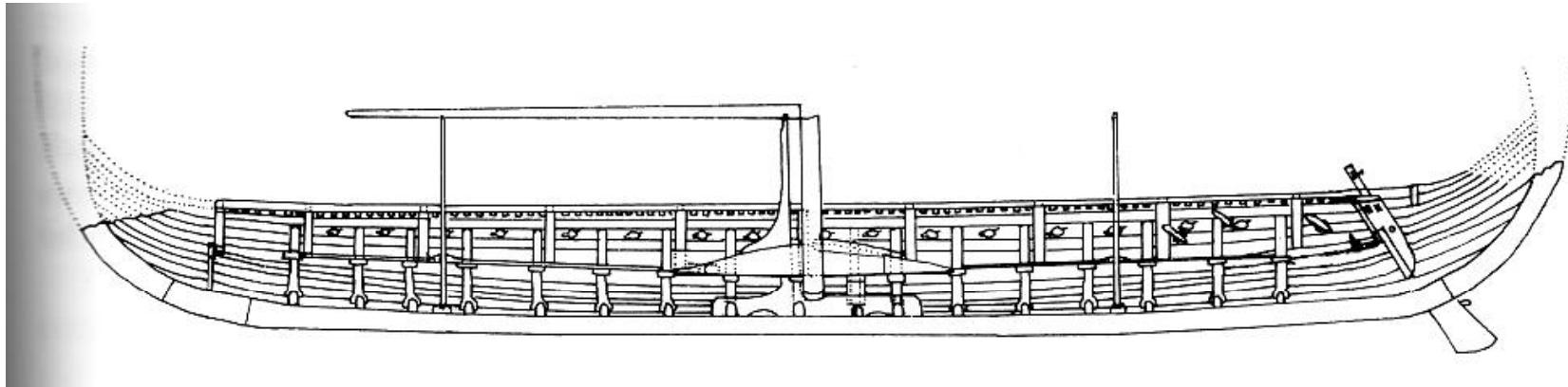


*Nydam oak boat, Southern Jutland ~ 400 AD.
Rowlocks for 30 oars on either side*

(Schleswig-Holstein museum)



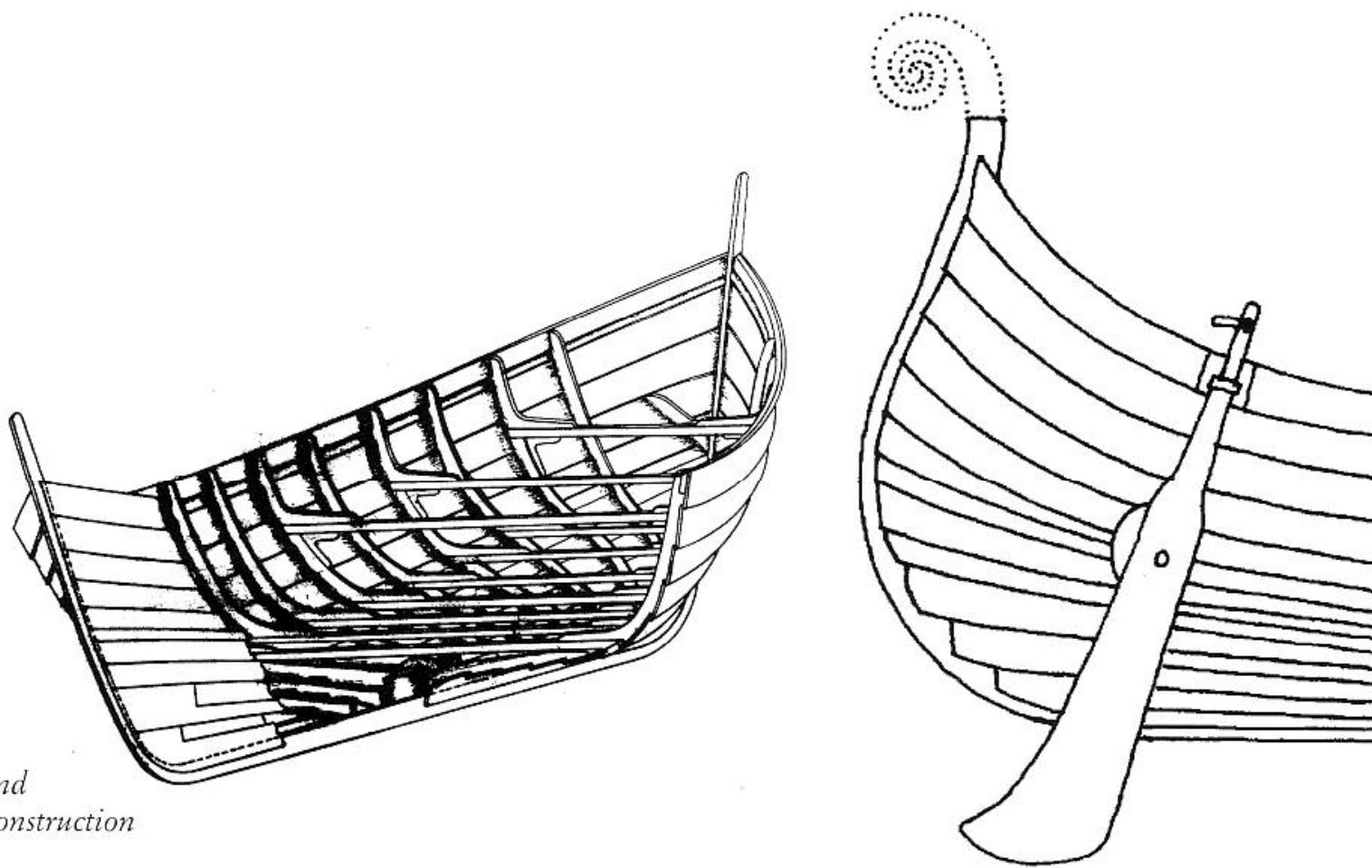
Gokstad ~ 850AD (Sandefjord)



***Drawing of the Gokstad ship, bow to the left –
Steering paddle at the stern on the starbord
(styrbord) side***



Askekärr boat ~ 1000AD (Gothenburg)



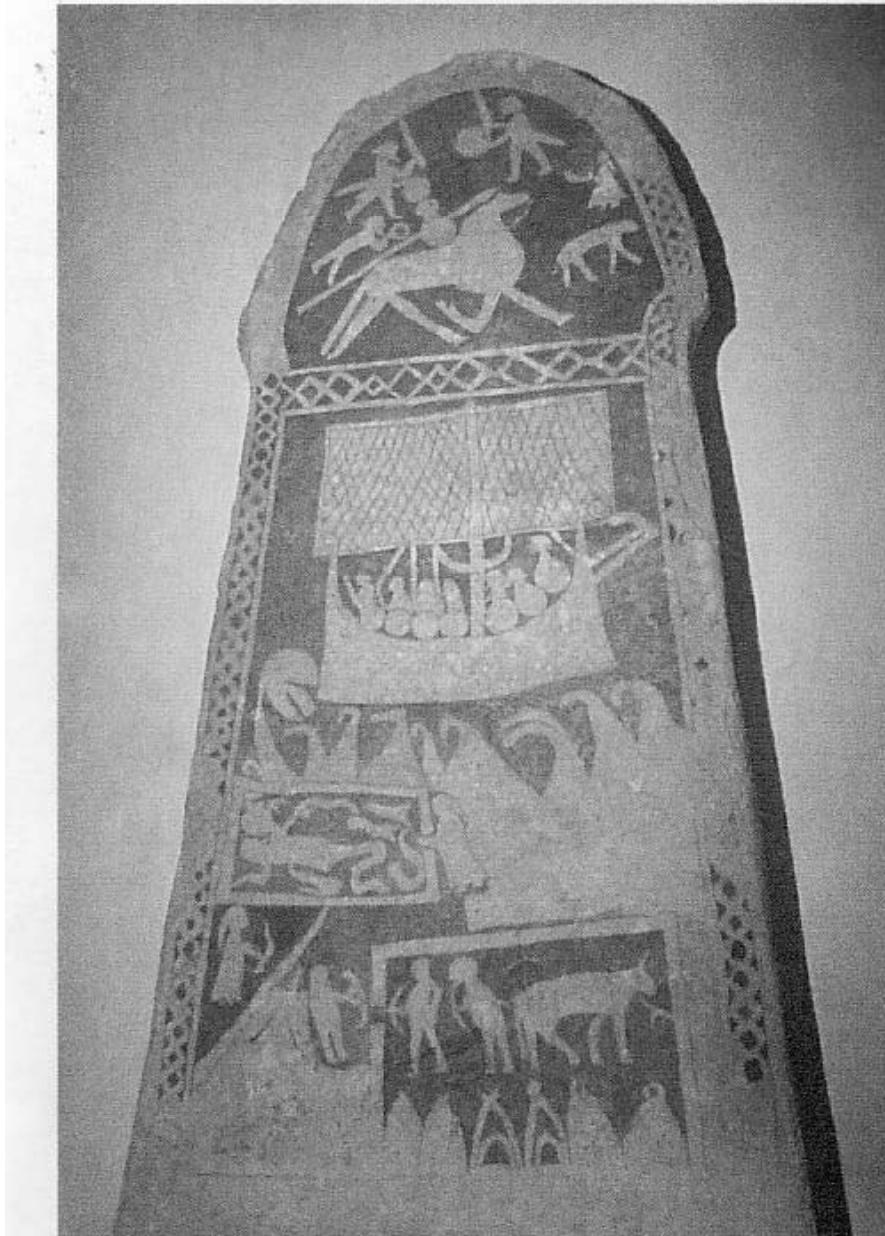
*Magnussons and
Åkerlunds reconstruction
proposals.*

Skuldelev 2 (~1055)



From drawings on stonework...

**Hunninge Klinte
stone, Gotland**

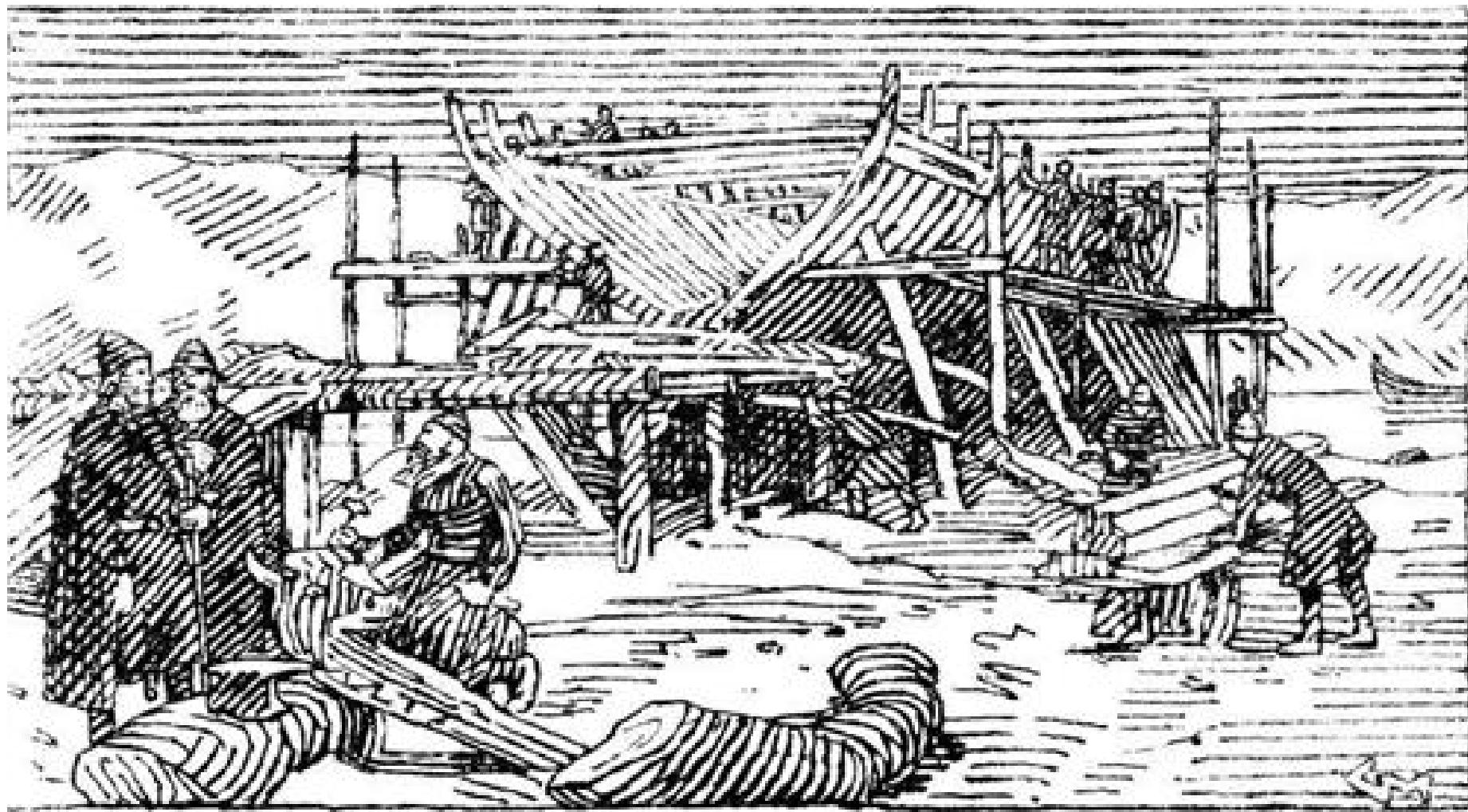


From drawings on stonework...



**Tjängvide stone,
Gotland**

From other old drawings...



From the sagas...

*Men will quake with terror
Ere the seventy sea-oars
Gain their well-earned respite
From the labours of the ocean.
Norwegian arms are driving
This iron-studded dragon
Down the storm-tossed river
Like an eagle with wings beating*

Snorri Sturluson: King Harald's Saga

Egil Skallagrimsson... -Icelander who fought at Brunanburh

*My mother once told me
She'd buy me a longship,
A handsome-oared vessel
To go sailing with Vikings:
To stand at the stern-post
And steer a fine warship,
Then head back for the harbour
And hew down some foemen.*

Snorri Sturluson: Egil's Saga



To a Viking, his ship was ...

“an oar steed”

“horse of the breakers”

“surf dragon”

“fjord elk”

... and much more

Measuring up!



© Anne-Terje Sønster

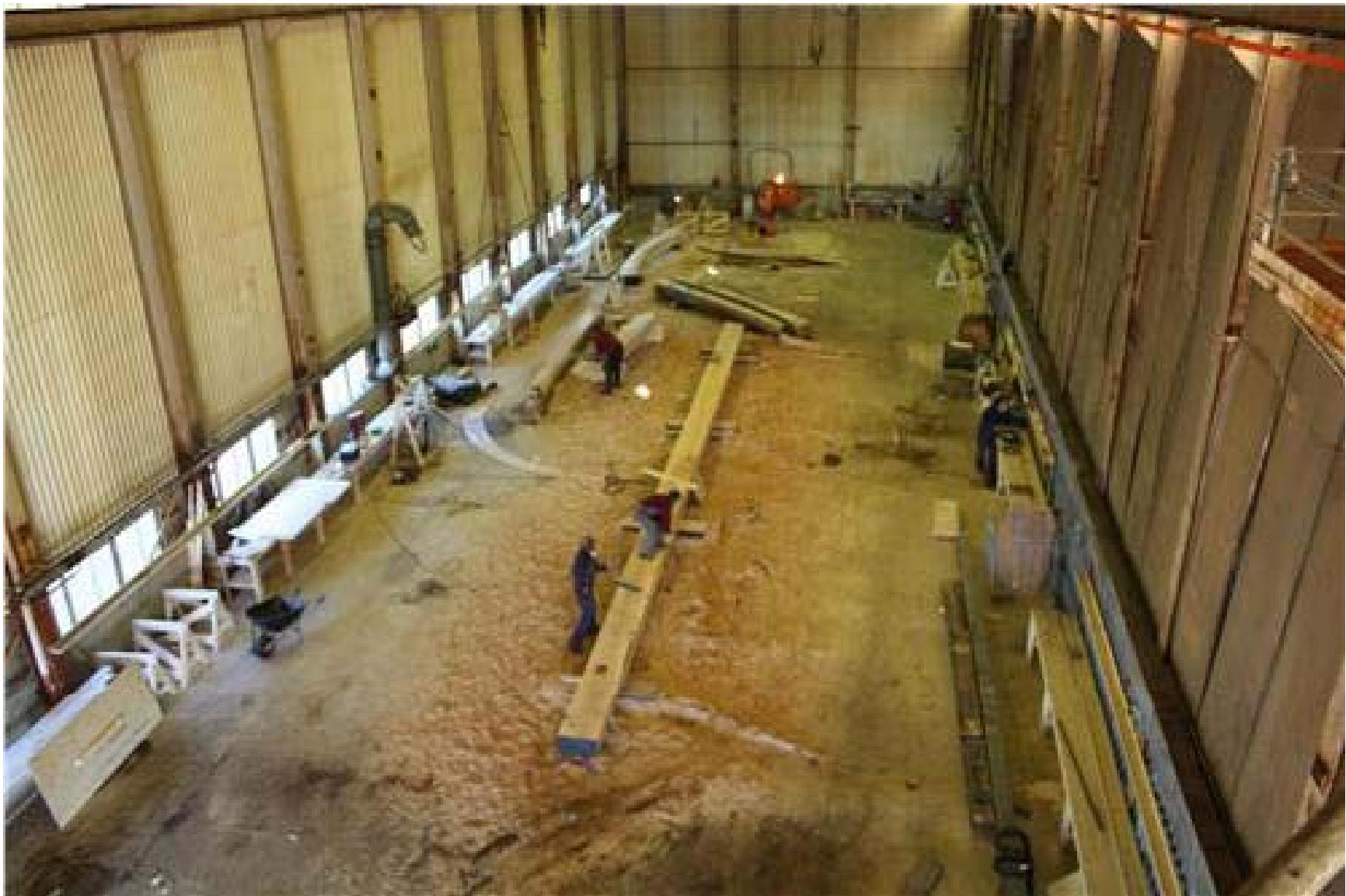
Terje finds the oak of his dreams...







Spring 2010 ...





09/06/2010 12:44



© Arne-Terje Sæther

Arne-Terje Sæther – constructing the ribs of the boat



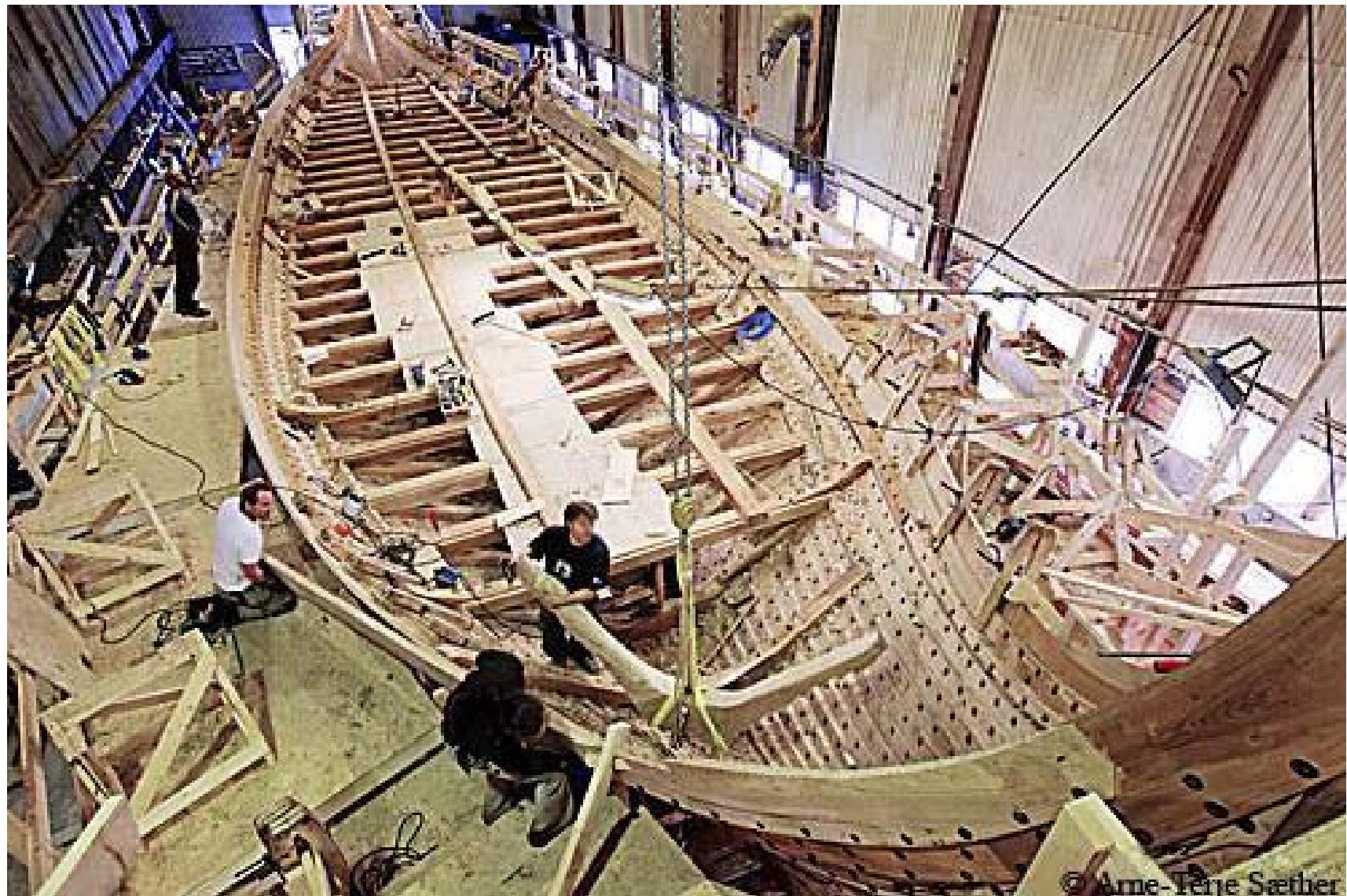
July 2011...







© Arne-Terje Sæther



September 2011...

One or two missing pieces...





© Aune-Terje Sæther

Boni Wiik – designer of the Draken head

Inspecting the finest silk for the 300m² sail



What happens now?

- *March/April: Terje visits Wirral – site for mooring chosen*
- *Spring 2012: Training for oars-people steps up!*
- *June 2012 – May 2013: experiment with rigging, sailing, rowing*
- *The maiden overseas voyage 2013*
- *Prepare for the arrival in Wirral*

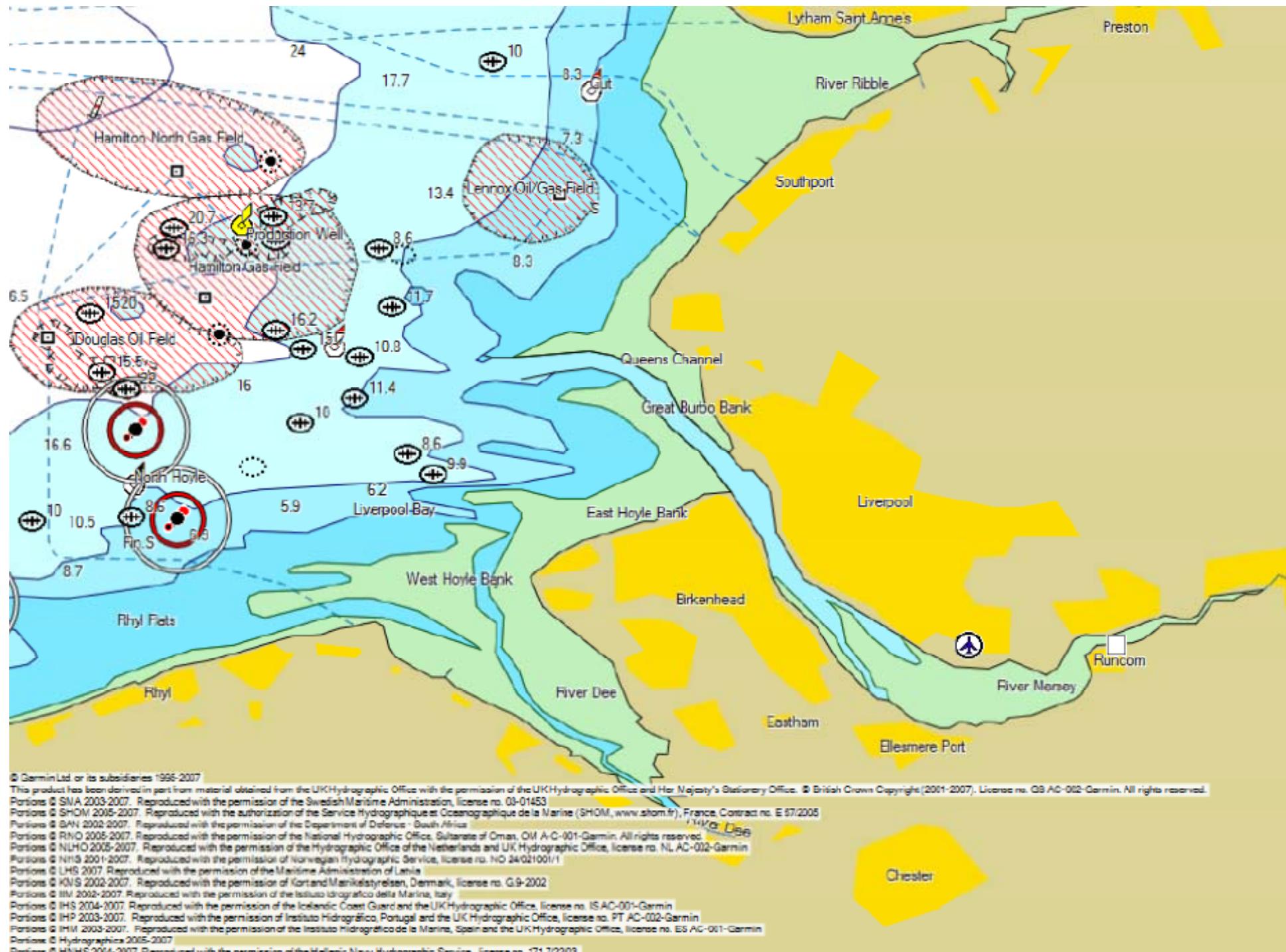
PLAN, VOYAGE 2013

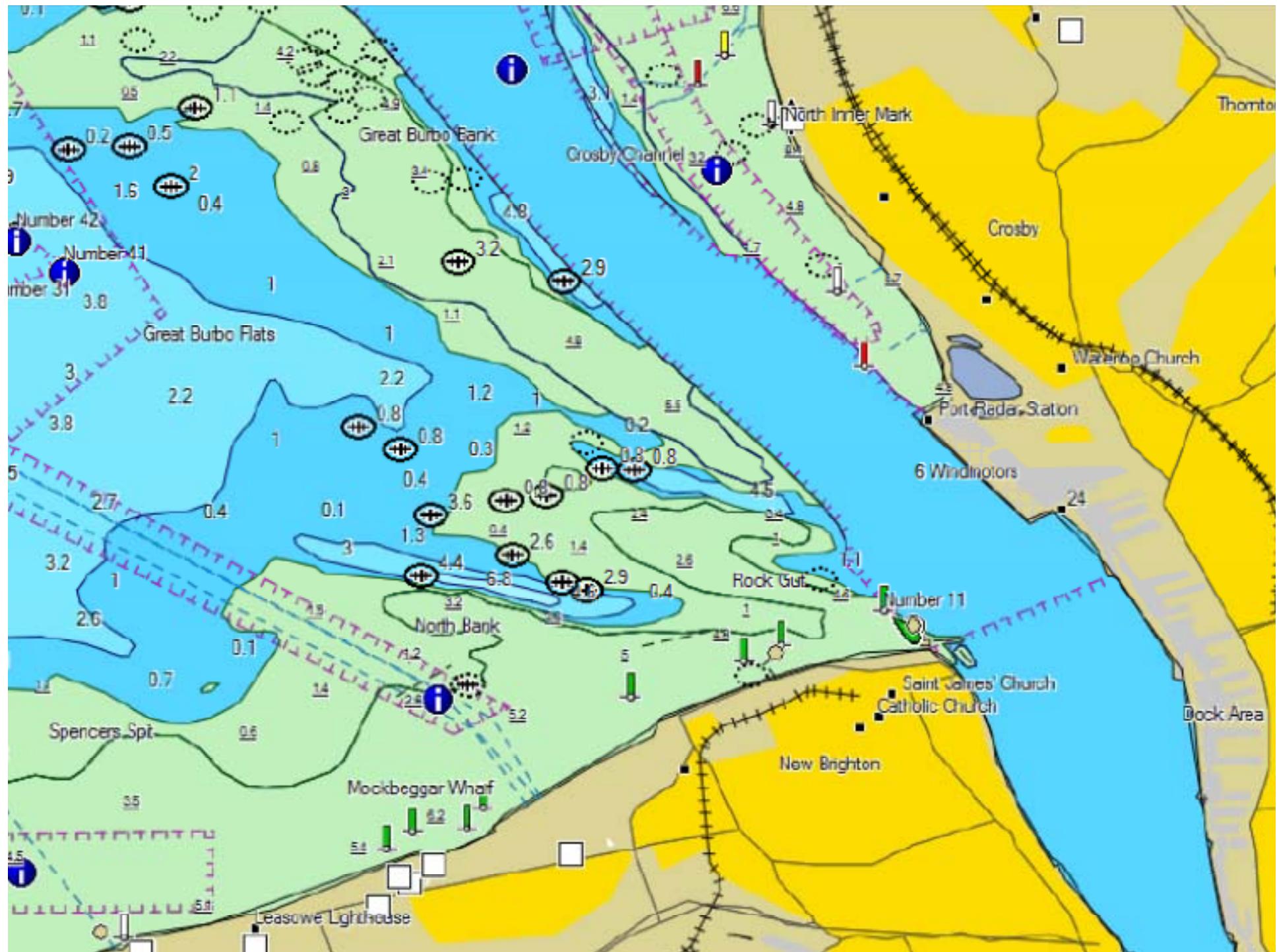
Estimated average speed: 5 knots

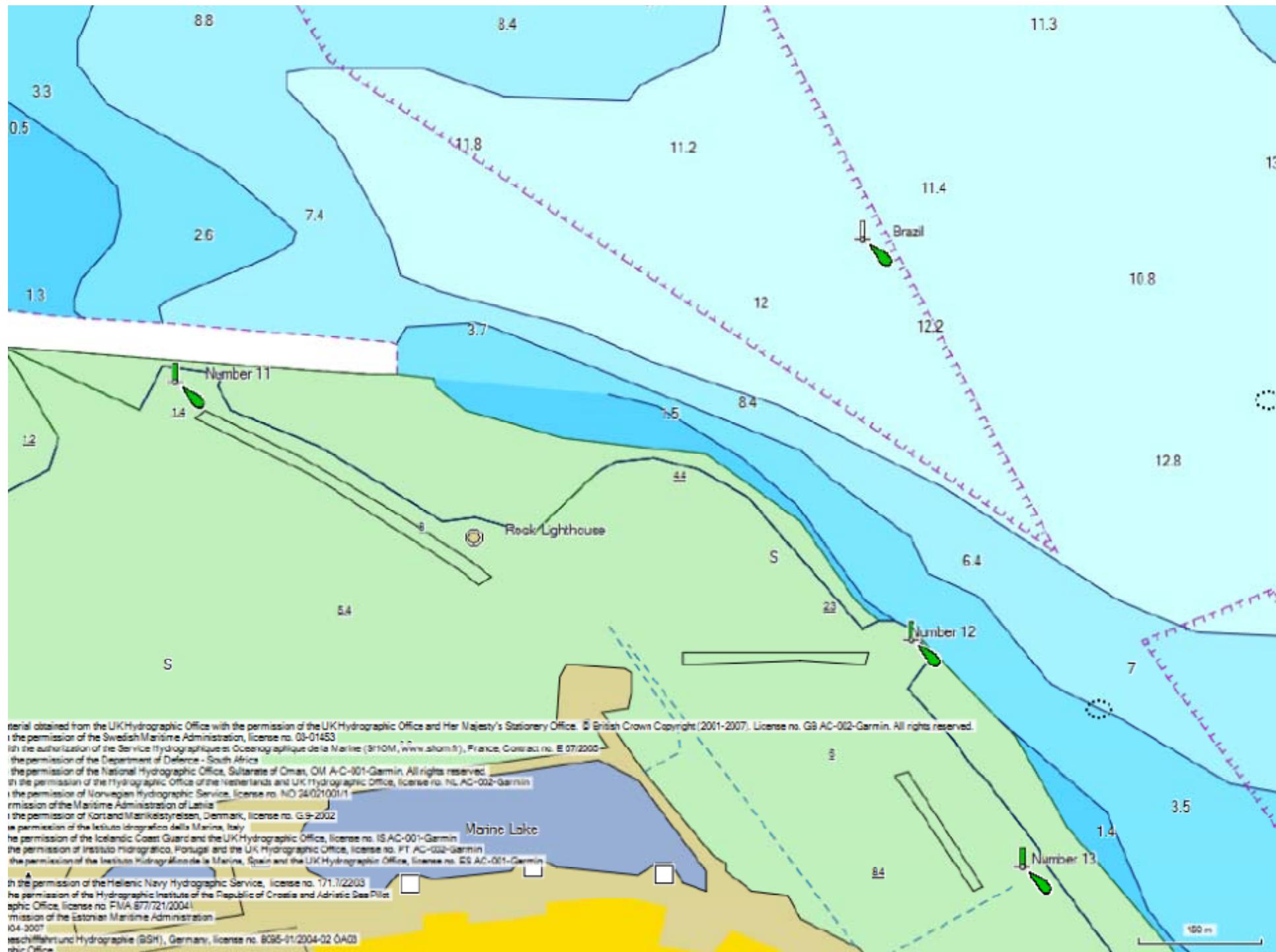
Location	Sailing (days)	Length of stay (days)	Estimated distance (nautical mil)
Avaldsnes	1	1	
London	7	4	650
Largs	6	4	680
Isle of Man	1	3	110
Wirral/Liverpool	0.5	3	68
Dublin	1	3	120
Brest	2	4	300
Lisbon	7.5	4	900
Sevilla	2	4	210
Marbella	1.5	4	150
Barcelona	3.5	4	380
Nice	2.5	4	270
Rome	2.5	4	250
Athens	5.5	4	650
Istanbul	2.5	4	310
Total	46	54	5048

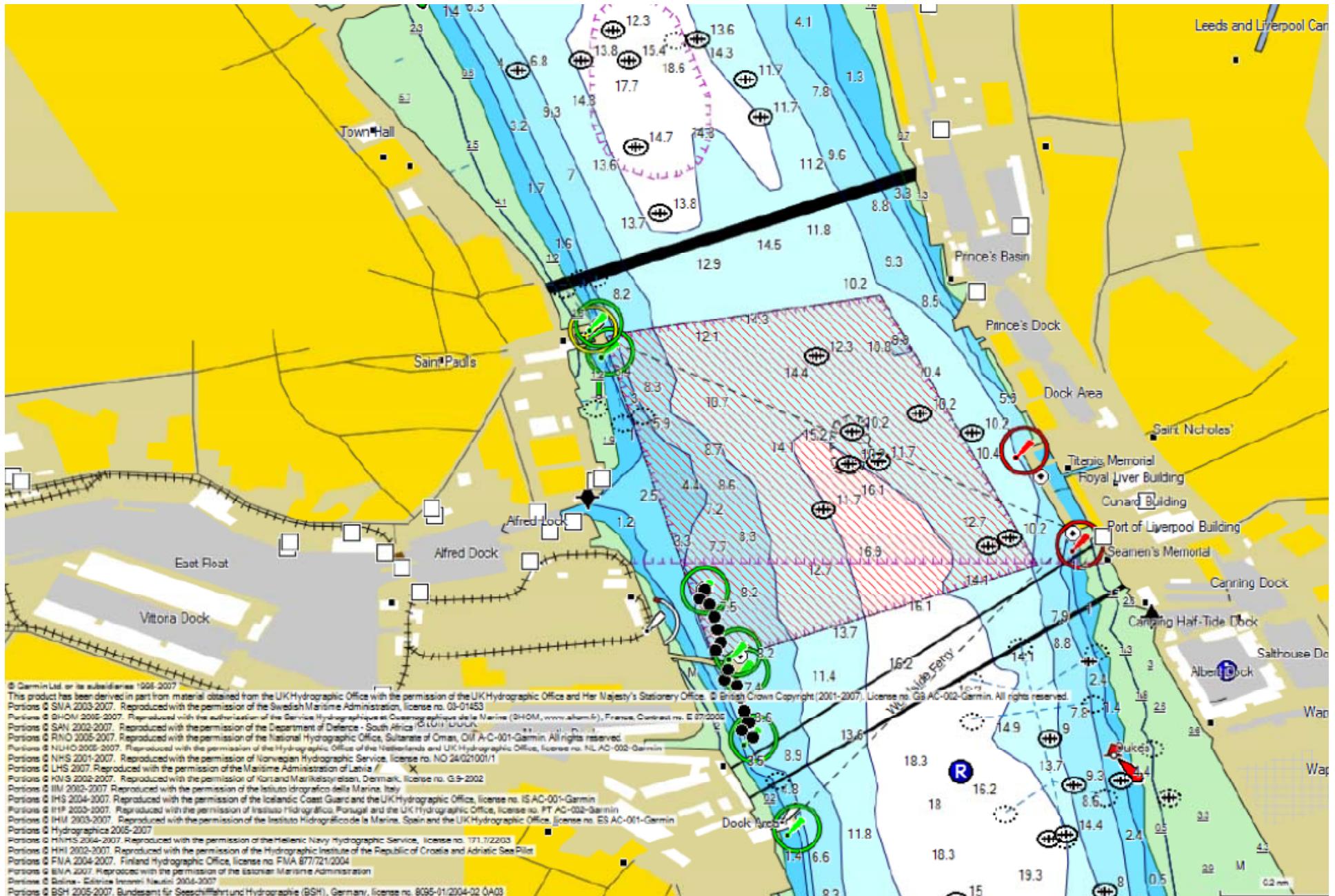
Cruise Length 100 days

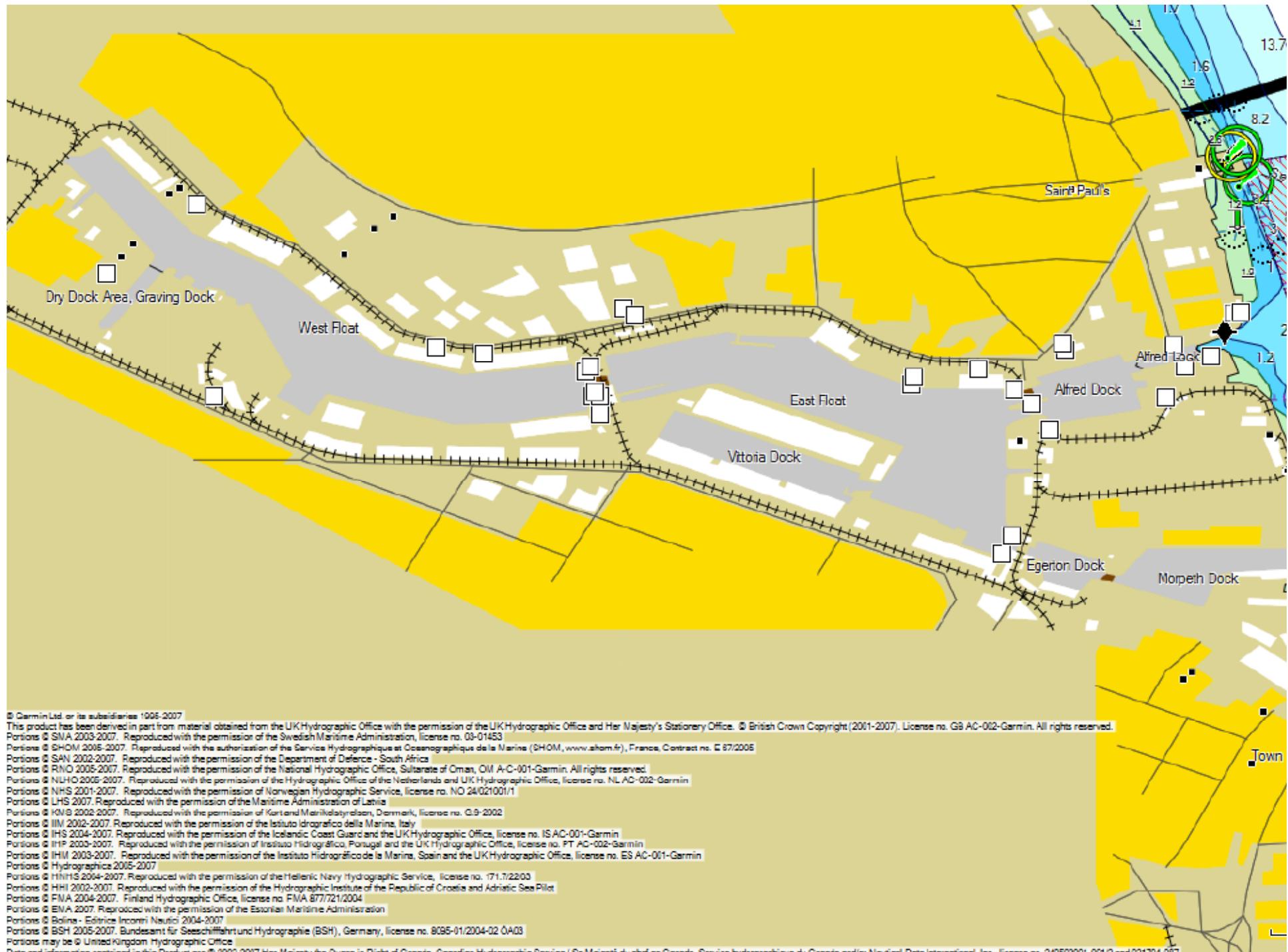


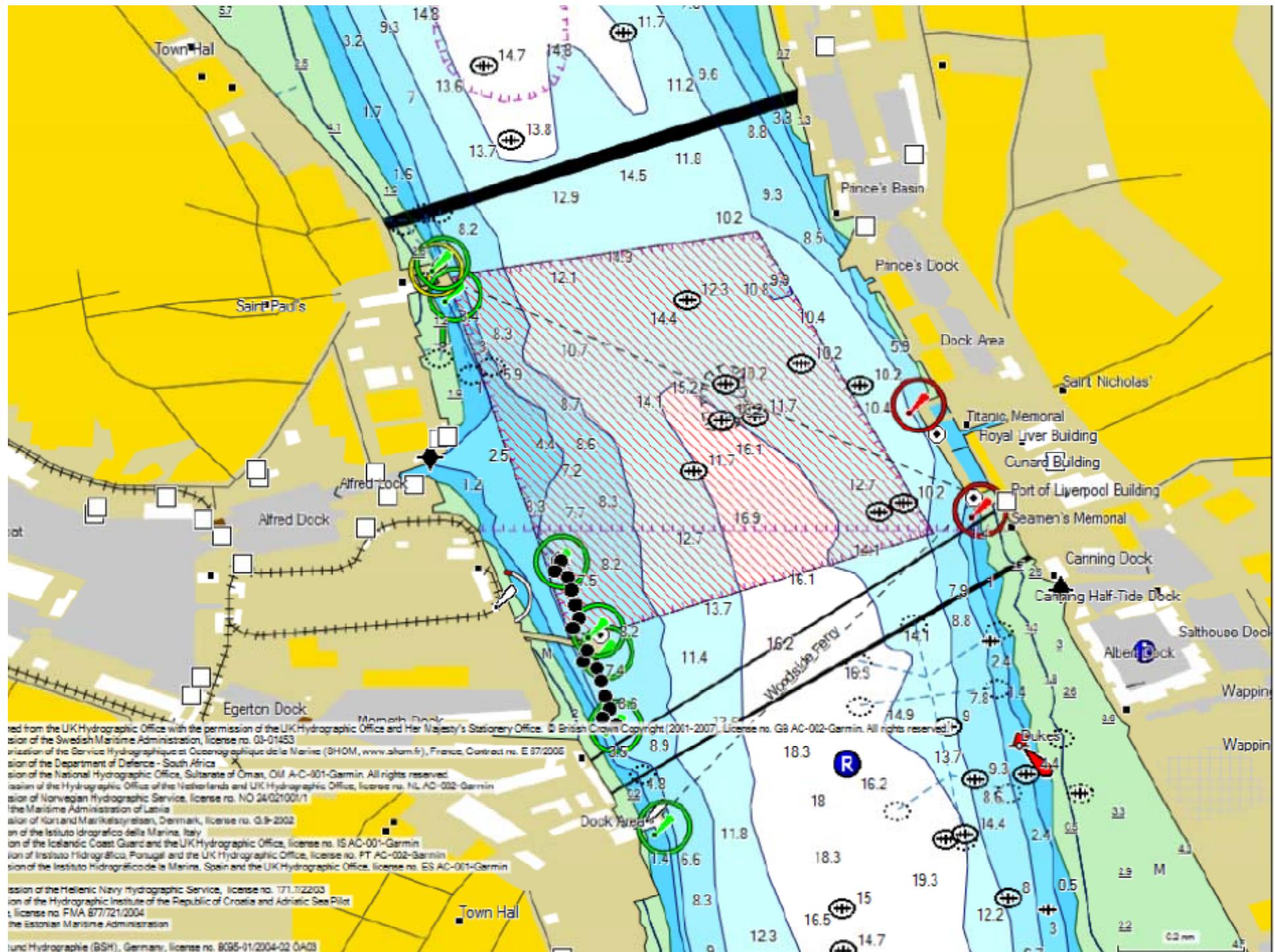


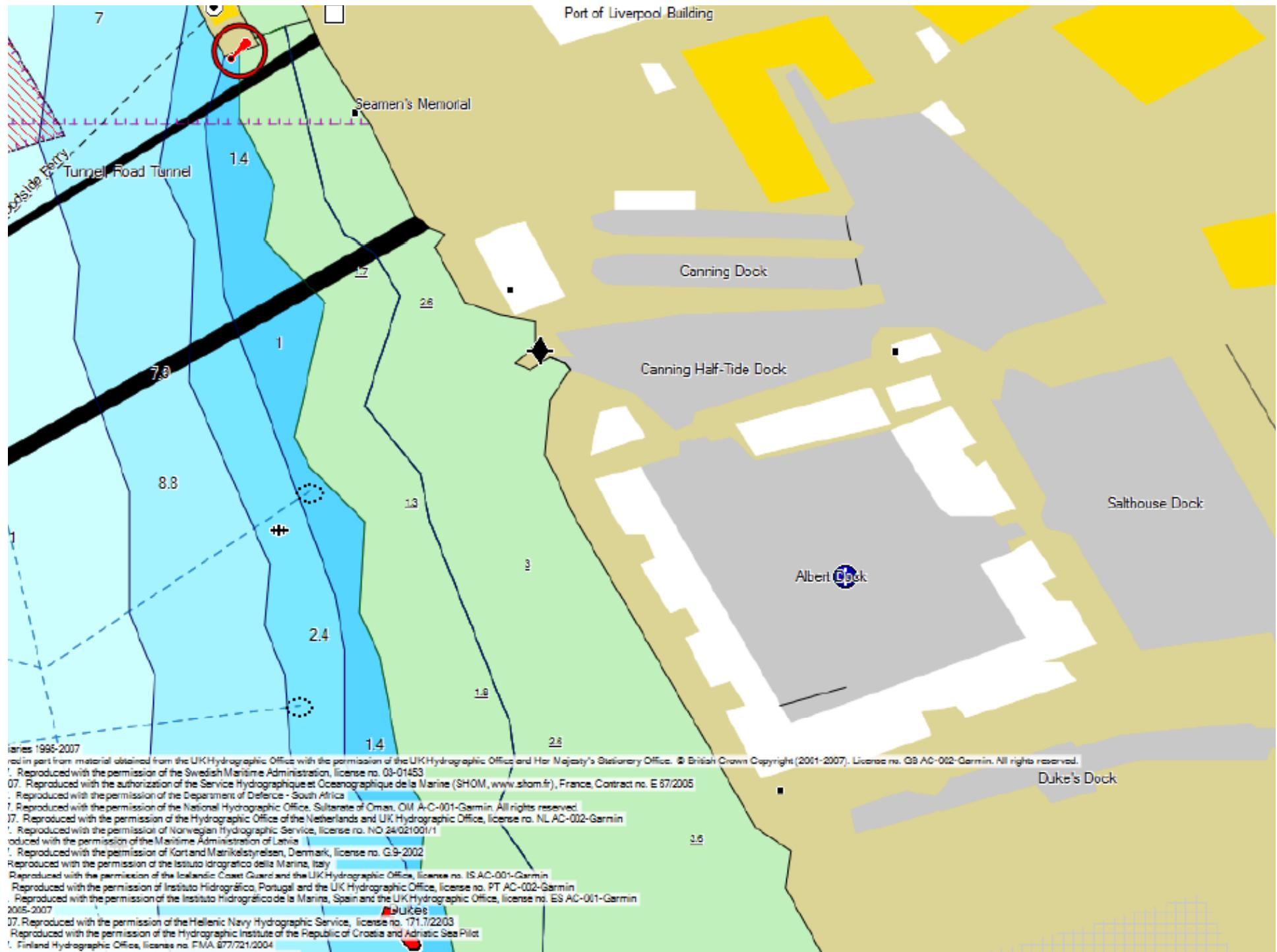












PLAN, VOYAGE 2013

Estimated average speed: 5 knots

Location	Sailing (days)	Length of stay (days)	Estimated distance (nautical mil)
Avaldsnes	1	1	
London	7	4	650
Largs	6	4	680
Isle of Man	1	3	110
Wirral/Liverpool	0.5	3	68
Dublin	1	3	120
Brest	2	4	300
Lisbon	7.5	4	900
Sevilla	2	4	210
Marbella	1.5	4	150
Barcelona	3.5	4	380
Nice	2.5	4	270
Rome	2.5	4	250
Athens	5.5	4	650
Istanbul	2.5	4	310
Total	46	54	5048

Cruise Length 100 days

Special thanks to!

- *Jim Bibby and colleagues at Liverpool Victoria*
- *Andy Bonner at Granada & Lorna Hughes, NEWS*
- *Nick Jedynakiewicz at Royal Mersey Yacht Club*
- *Susan Hanley-Place and Geoff Hanley of the ZEBU*
- *Steve Gallimore at Peel Holdings*
- *Wirhah Skip Felag & Friends of Meols Park*
- *All volunteer oarspeople!*



Thanks to Andy Bonner & colleagues at Granada

Latest – follow Wirral News blog link on

<http://www.nottingham.ac.uk/~sczsteve>

