


Royal Netherlands Navy  
Hydrographic Service

### Introducing the North Sea

A worst case scenario from any perspective

Leendert Dorst  
4th EU/IHO talks, 24 October 2013

IHO Special publication 23  
Names and Limits of Ocean and Seas

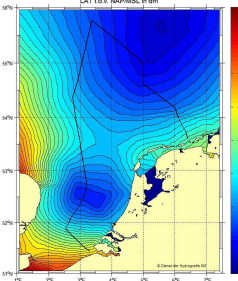


Very shallow  
Large tides  
Intense traffic  
Marginal UKCs  
Poor weather  
Dynamic seabed

Sensitive ecosystems  
Flourishing tourism  
Densely populated  
Wind farms & cables  
Platforms & pipes  
Intense fishery

2  
Introducing the North Sea  
4th EU/IHO talks, 24 October 2013

Source: project Scientific validation of the hydrographic survey policy of NLHO  
Figure courtesy of Kees van der Tak, MARIN

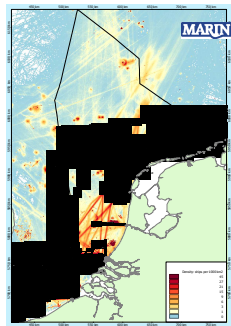


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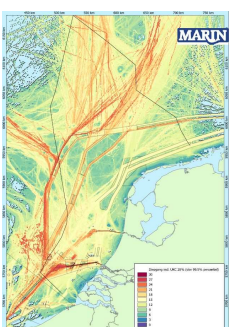


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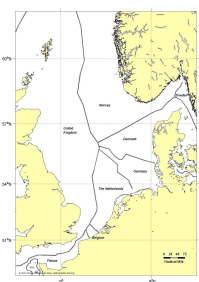


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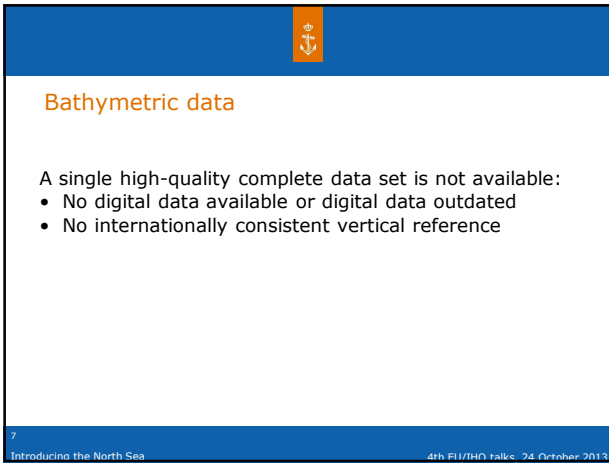


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... and fragmented management

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**Bathymetric data**

A single high-quality complete data set is not available:

- No digital data available or digital data outdated
- No internationally consistent vertical reference

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Introducing the North Sea 4th EU/THQ talks, 24 October 2010