

# The IHO and Us

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## Fugro nautical charting surveys

- UK (MCA)
- USA (NOAA)
- Finland (FTA)
- New Zealand (LINZ)
- JSA (Japan)
- GCS (Saudi Arabia)
- NHS (Norway)
- SMA (Sweden)
- CHS (Canada)
- And more

## Helen's Brief

“a 10 minute constructive critique of the IHO and its relationship with/relevance to the commercial hydrographic sectors”



## What they are:

- Internationally-recognised standard for educational programmes for hydrographic surveyors
- FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers
- Board “recognises” (accredits) programmes and schemes
- “Category A” and “Category B” schemes (different levels of rigour)

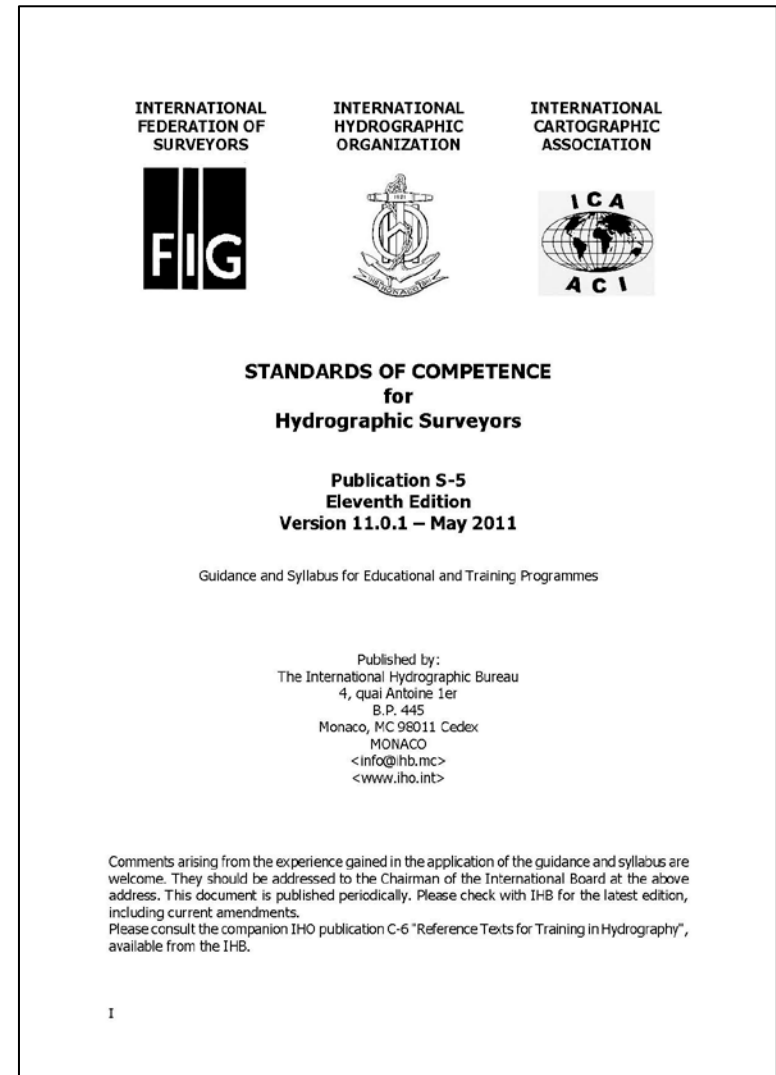
## What they cover:

- Charting hydrography (hydrography for nautical charting, chart compilation, correction of charts, ENCs etc)

## And Everything Else

- Seismic surveys, coastal engineering surveys, acoustic positioning, cable operations, rig-moves, ROV ops etc etc etc.

Fugro are huge fans



# IHO – Vision, Mission & Objectives

The vision of the IHO is to be the authoritative worldwide hydrographic body which actively engages all coastal and interested States to advance maritime safety and efficiency and which supports the protection and sustainable use of the marine environment.

The mission of the IHO is to create a global environment in which States provide adequate and timely hydrographic data, products and services and ensure their widest possible use.

The objectives of the IHO:

- To promote the use of hydrography for the safety of navigation and all other marine purposes and to raise global awareness of the importance of hydrography;
- To improve global coverage, availability and quality of hydrographic data, information, products and services and to facilitate access to such data, information, products and services;
- To improve global hydrographic capability, capacity, training, science and techniques;
- To establish and enhance the development of international standards for hydrographic data, information, products, services and techniques and to achieve the greatest possible uniformity in the use of these standards;
- To give authoritative and timely guidance on all hydrographic matters to States and international organizations;
- To facilitate coordination of hydrographic activities among the Member States; and
- To enhance cooperation on hydrographic activities among States on a regional basis.

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Is that a core part of the vision?

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Does this mean “safety of navigation hydrographic”

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## Efficiency vs Budget Size

- Is there is a focus on budget size for national hydrography?
- Does efficiency sometimes get overlooked?
- Can the IHO's vision suggest efficient use of funds?
- Can industry help?
- Contracting-out can provide huge benefits
- Efficiency of working with other government stakeholders could be emphasised. Not taking over their responsibilities. (Gathering more data types in one multi-agency survey). Industry has the flexibility to help here.



**It's not the size, it's  
how you use it.**

# Capacity-Building

- €650k spent in 2014.
- There's a focus on survey and charting training
- Can sustainable capability be provided? (Do surveyors leave, once trained?)
- Would a toolbox of components to help contracting-out be more beneficial?
  - A contractually-enforceable spec
  - A GIS prioritisation tool
  - A GIS method of assessing benefit
  - Pre-qualification of contractors?





- Safety of Navigation Survey Expertise
- Worldwide standards
- Worldwide recognition
- Highest quality
- Willingness to regulate

The IHO

- Cost-effective
- Agile
- Latest technology
- Knowledge of many survey sectors

Industry



Thank You