

# SAIHC SEMINAR

## National Hydrographic Coordinating Committee (NHCC)

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# National Hydrographic Coordinating Committee (NHCC)

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## Key references

- SOLAS Chapter V
- IHO Publication M-2 (The Need for Hydrographic Services)
- IHO Publication M-3 (IHO Resolutions)
- IHO Capacity Building Strategy

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## Phase 1 – IHO Capacity Building Strategy

- Establish national governance structure for Hydrography
- Establish MSI service
- Establish capability for collection of nautical information to maintain existing charts and publications

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## Hydrography governance

- Essential - Establish national hydrographic governance structure – embed this is national legislation
  - Determine how to best meet hydrographic obligations
  - Assign Responsibilities
  - Appoint National MSI Coordinator
  - Establish communication/working arrangements with regional MSI coordinator
- Form a **National Hydrographic Committee**

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## Why have an NHCC?

- Many Ministries and organisations have an interest in the maritime domain
- Need a coordinated approach to avoid duplication of effort
- Stakeholders have an interest in a national hydrographic programme
- NHCC provides framework for stakeholders to contribute to long term plans

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Who makes up the NHCC?

Extract from the IHO  
Publication M-2

## 5. Stakeholder Ministries

The following Ministries are likely to be stakeholders in any national hydrographic programme, depending on their responsibilities. Examples of their possible needs are outlined below:

### Ministry of Transportation / Communications / Public Works / Infrastructure

- Adequate nautical charts and related information for ships calling into ports and transiting the sea areas under national responsibility
- Charts and related information for search and rescue vessels and aircraft
- Bathymetric charts to assist the laying of communication cables and pipelines
- Oceanographic information (tides, currents, waves) for interested users

### Ministry of Defence/Interior

- Adequate charts for naval ships of all categories to enable them to carry out their mission (such as: surface, submarine and anti-submarine operations, mine counter measures, landing, search and rescue, border protection and law enforcement at sea)
- charts for modelling the drift of objects in support of search and rescue operations

### Ministry of Finances/Interior

- Charts for coastal preservation, security and law enforcement (customs operations)

### Ministry of Industry/Commerce

- Charts for sea bed resource exploitation and regulation of that activity

### Ministry of Foreign Affairs

- Charts for declaring maritime boundaries



### Ministry of Agriculture/Fisheries

- Charts for fishing activities (fishing, fisheries patrols, etc.)
- Charts for atmospheric modelling (air-sea interactions)
- Studies of bottom type and roughness
- Location and nature of wrecks and bottom obstructions

### Ministry of Environment

- Maps for environmental assessment
- Maps for coastal zone management, for monitoring coastal erosion, for coastal defence. They are also needed for modelling oil spill trajectories

### Ministry of Education and University

- Oceanographic information.
- Charts for maritime students' training.
- Maps for scientific studies (bathymetric maps)

### Ministry of Tourism

- Charts of tourist areas to support cruise ships, recreational boaters and other outdoor marine activities. These vessels often wish to approach close to the coast in areas not normally frequented by other commercial ships

### Ministry of Energy

- Charts to support the establishment of offshore energy capture (wave / tide / wind etc.)

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## Role of the NHCC?

- Understand the need to meet international obligations
- Understand the need for hydrography to meet a nations needs
  - Safety of navigation
  - Protection of the marine environment
  - Economic growth (maritime trade, exploitation of seabed minerals)
- Provide governance for establishing priorities for a hydrographic survey programme
- Coordination of stakeholder requirements and needs
- Maximize the use of the resources
- Share information
- Understand the “value of Hydrography”

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# QUESTIONS?