



# International Hydrographic Organization



## Development of the IHO CB Programme

by Thomas Dehling



# How to describe Capacity Building?

also called Capacity Development;  
Is an important component of the endeavours of intergovernmental technical Organizations in their support of the development goals of the United Nations (UN).





# How to describe Capacity Building?

## Definition 1 “Development Aid”





# How to describe Capacity Building?

## Definition 2:

CB is a conceptual approach to development that focuses on understanding the obstacles that inhibit people, governments, international organizations and non-governmental organizations from realizing their developmental goals while enhancing the abilities that will allow them to achieve measurable and sustainable results.



# How to describe Capacity Building?

In the IHO, capacity building is defined as the process by which the organization assesses the status of current arrangements and assists States to achieve sustainable development and improvement in their ability to meet hydrographic, cartographic and maritime safety obligations with particular reference to recommendations in UNCLOS, SOLAS, and other international instruments.



# Capacity Building in IHO

The scope encompasses all hydrographic needs as it underpins every other activity associated with the sea, including

- safety of navigation,
- protection of the marine environment,
- national infrastructure development,
- coastal zone management,
- marine exploration, marine resource exploitation
- maritime boundary delimitation,
- maritime defense and security
- and coastal disaster management.

# The importance of Capacity Building



Need for Hydrography worldwide

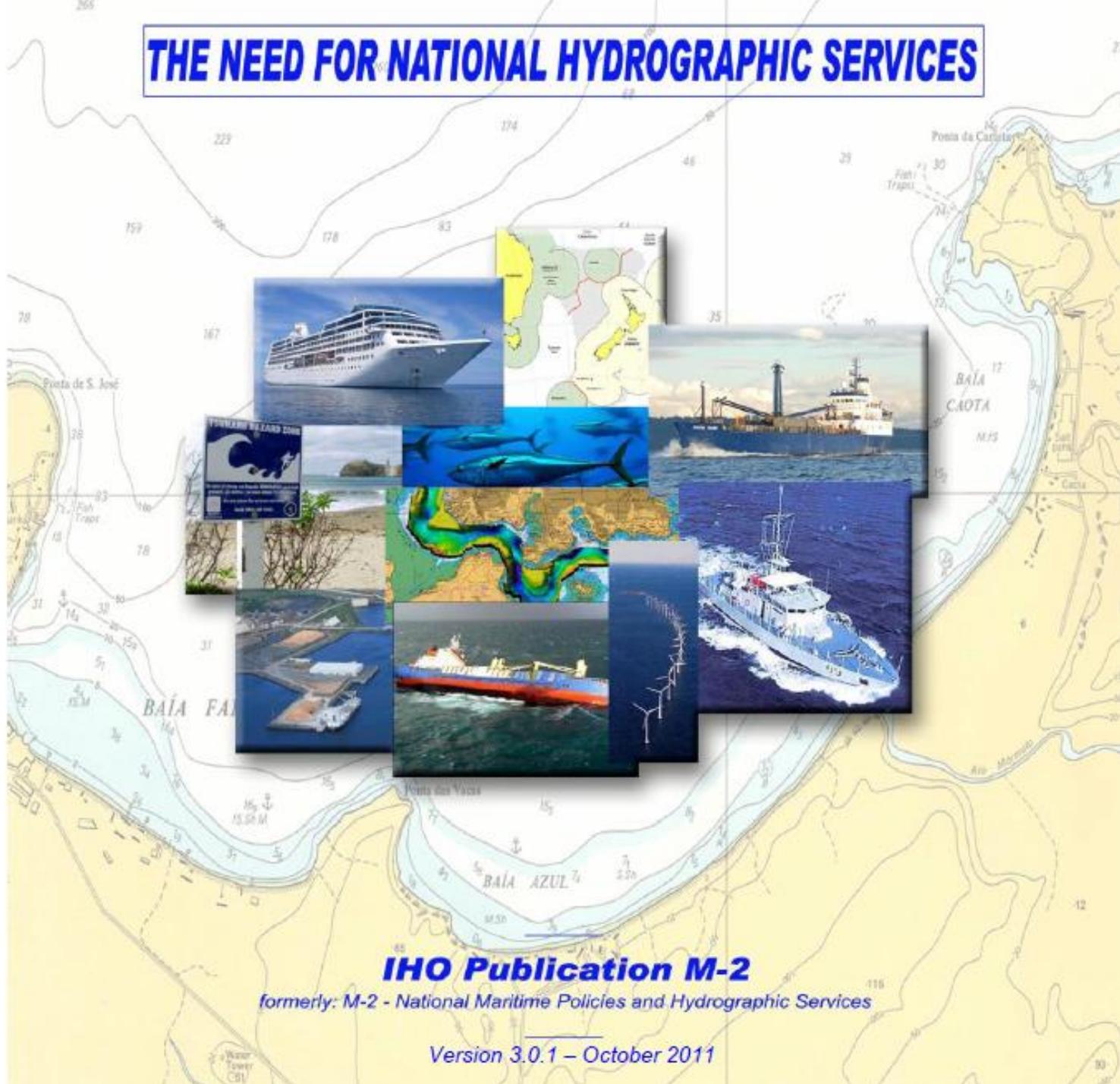
Convincing the political level

Lack of resources

Deficits especially in certain regions

Publication M-2

# THE NEED FOR NATIONAL HYDROGRAPHIC SERVICES



**IHO Publication M-2**

formerly: M-2 - National Maritime Policies and Hydrographic Services

Version 3.0.1 – October 2011





# International Hydrographic Organization



## CB Strategy and the phases of hydrographic CB

by Thomas Dehling



# Capacity Building Strategy

## Vision

To provide strategic guidance for IHO capacity building to ensure the optimum contribution

- to safety of life at sea,
- to the protection of the environment and
- to national economic development.



# Capacity Building Strategy

## Objectives:

- continuously assess hydrographic surveying, nautical charting and nautical information status in nations and regions where hydrography is developing
- establish and maintain close relationships with national agencies and international organizations, to identify funding and technical assistance
- cooperate with Regional Hydrographic Commissions



# Capacity Building Strategy

## Principles:

- 3 Phases
- regional co-ordination
- support from the national authority
- sustainable
- enduring output



# Capacity Building Strategy

The 4 steps (the 4 “A”s):

- **Awareness**  
Raise priority of Hydrography
- **Assessment**  
Identify and prioritize problems
- **Analysis**  
Identify Projects based on national/regional priorities
- **Action**  
Implementation of Activities. Follow-up



# Capacity Building in der IHO

Die 4 steps (4 As) in the CB process:

	IHO	CBSC	RHC	Country
Awareness	XXX	XXXX	XX	X
Assessment	X	XXX	XXXX	XX
Analysis	XXXX	XXX	XX	X
Action	X	XX	XXX	XXXX



# Phases of Hydrographic Capacity Building

## ■ Preliminary

- Raise awareness

## ■ Phase One

- Collection and circulation of nautical information needed to maintain existing charts and publications

## ■ Phase Two

- Capacity to conduct hydrographic surveys, data gathering and processing

## ■ Phase Three

- Production of charts and publications



# International Hydrographic Organization



## The role of the CB Sub Committee by Thomas Dehling



**– IHO Capacity Building –**

**Capacity Building Subcommittee (CBSC)**

**International Board on Standards of  
Competence (IBSC)**



# Capacity Building Sub Committee

development:

- Installed in 2003 as Capacity Building Committee (CBC)
- Development of the strategy
- Discussions about finance
- Development of programmes
- Elaboration of procedures





# Capacity Building Sub Committee

Chair: Mr. Thomas Dehling (Germany)	since 2011
Mr. Janis Krastins (Latvia)	2009-2011
Capt. Hugo Gorziglia (IHB)	2003-2009
Vice-Chair:	
Olumide Omotoso (Nigeria)	since 2012
Cdre. Vinay Badhwar (India)	2011-2012
Cdr. Brian Common (USA)	2009-2011
Capt. Mike Barritt (UK)	2005-2009
Secretary: Alberto Neves (IHB)	since 2011



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**IHB Director responsible for CB:**

Rear Admiral Mustafa Iptes



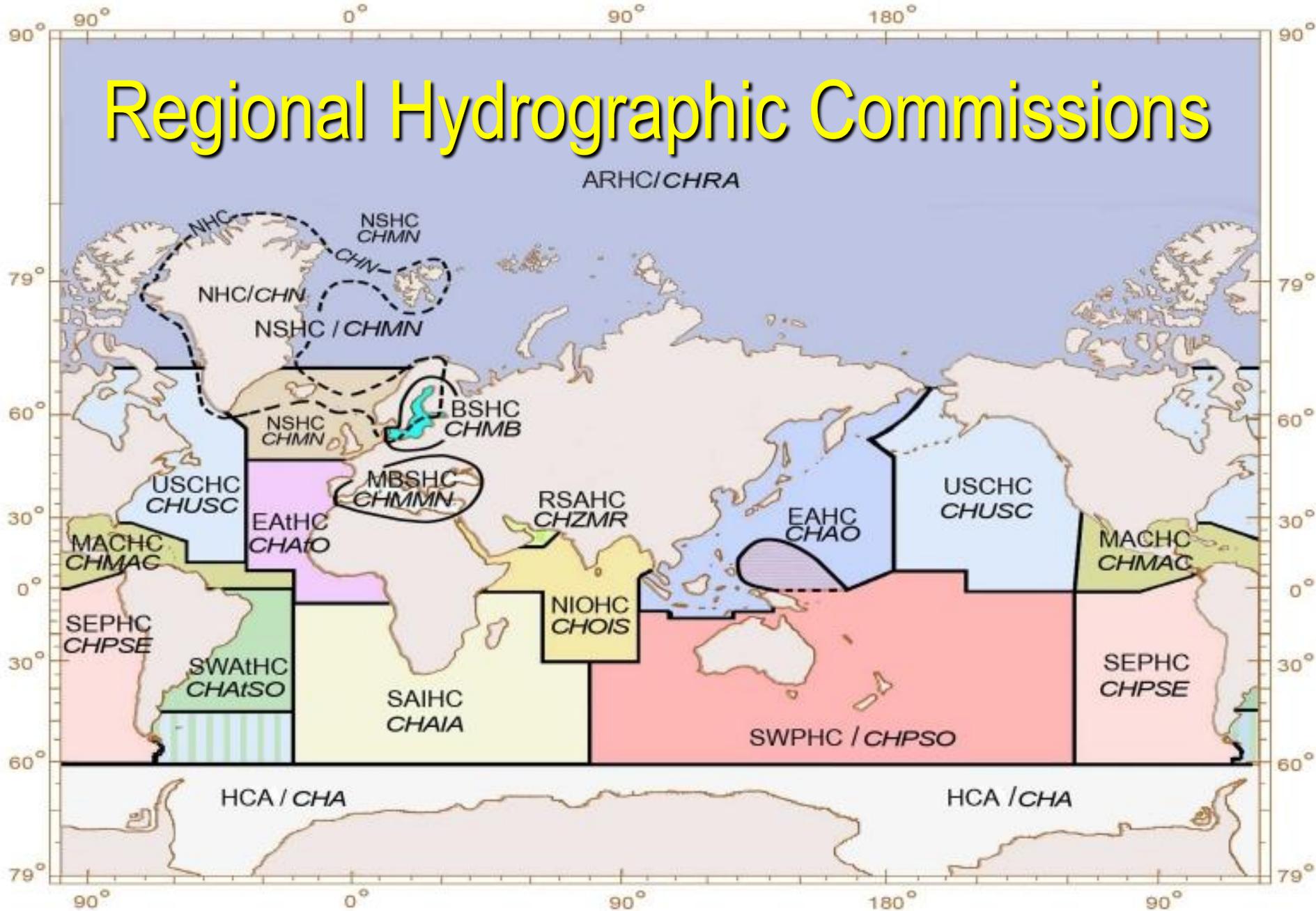
# Capacity Building Sub Committee

## Basic rules

- Membership
- Regional Co-ordination and co-operation
- CB Fund
- Involvement of MS, organizations, industry ...
- Annual schedule and Work Programme
- Procedures



# Regional Hydrographic Commissions





# International Hydrographic Organization



## Capacity Building

**A joint effort**