

# Capacity Building

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# What is Capacity Building?

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It is not training

# Capacity Building Concept

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Capacity Building is defined as the process by which the Organization assesses and assists in sustainable development and improvement of the States, to meet the objectives of the IHO and to meet the obligations and recommendations described in UNCLOS, SOLAS V and other international instruments.

# Capacity Building Vision

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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 Execution

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Capacity Building is done through the coordinated efforts of:

- Member States
- International/Regional Organizations
- Institutions and Industry
- Individuals

# Capacity Building Phases

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Phases of development of hydrographic surveying and nautical charting capacities:

- Phase 1
- Phase 2
- Phase 3

# Capacity Building Phases – Phase 1

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Phase 1 Collection and circulation of nautical information, necessary to maintain existing charts and publications up to date.

- Form National Authority (NA) and/or National Hydrographic Coordinating Committee (NHCC).
- Create/improve current infrastructure to collect and circulate information
- Strengthen links with charting authority to enable updating of charts and publications
- Strengthen links with NAVAREA Coordinator to enable the promulgation of safety information
- Minimal training needed

Phase 1 is the  
IHO CB Priority!

# Capacity Building Phases – Phase 2

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Phase 2 Creation of a surveying capability to conduct coastal projects and offshore projects

- Establish capacity to enable surveys of ports and their approaches
- Maintain adequate aids to navigation
- Build capacity to enable surveys in support of coastal and offshore areas
- Build capacity to set up hydrographic databases to support the work of the NA/NHCC
- Provide basic geospatial data via MSDI
- Requires funding for training, advising & equipment or contract survey

# Capacity Building Phases – Phase 3

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Phase 3 Produce paper charts, ENC and publications independently.

- The need shall be thoroughly assessed.
- Requires investment for production, distribution and updating
- Alternatively, bi-lateral agreements for charting can provide easier solutions in production and distribution (of ENC through RENCs) and rewards.
- Further development of MSDI

# Capacity Building Phases – Activities

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Well established courses on:

- Awareness: seminars, workshops
- Phase 1: MSI and MSI governance
- Phase 2: Hydrographic surveying, tides, etc.
- Phase 3: Nautical cartography
- Other: LOS, etc.

# Capacity Building – 4 steps

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The capacity building process is built around 4 steps: awareness, assessment, analysis and action (the 4 As of Capacity Building).

- Awareness – Raising awareness of hydrography and the establishment of hydrographic services Possible supported through a risk assessment process
- Assessment & Analysis – Through technical visits, C-55, MSI capability and outstanding actions
- Action - provision of SOLAS-compliant hydrographic services by other MS; loan of skilled staff; training, including options in region.

# Capacity Building - Your input

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Make sure you:

- do a self-assessment of the needs in your country
- let your CB Coordinator know your needs
- keep your contact information updated at SAIHC
- update the IHO Yearbook and C-55
- understand the principle of the “UN Delivering as one” and the country “receiving as one”

# Capacity Building – Your input

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Make sure you:

- promote the adoption of national legislations, regulations, procedures:
- gather survey data (industry, academy, government)
- include CB in the contract for surveys
- include observers in foreign survey vessels