



NIOHC Capacity Building Update

Presented by UKHO



NIOHC CB



In this short presentation I will cover the following topics:-

- The activities completed in 2013
- The NIOHC CB Plan 2013 to 2017
- The endorsed activities for 2014
- The proposed activities for 2015



Activities Completed in 2013



Technical visits

Sri Lanka was visited in January 2014 (Just missing the 2013 deadline)

Training Courses

Sri Lanka benefited from a one week Advanced Chart Production training course



Activities Completed in 2013



Sri Lanka and Thailand were selected for the 5th Japan Capacity Building Project – a 15-week CAT B Cartography training course delivered by the UKHO in Taunton



NIOHC CB Plan 2013-2017



INTERNATIONAL HYDROGRAPHIC ORGANIZATION
NORTH INDIAN OCEAN HYDROGRAPHIC COMMISSION



CAPACITY BUILDING PLAN Programme document for the period 2013-2017

1. INTRODUCTION

1.1. Rationale

The Indian Ocean provides major sea routes connecting the Middle East, Africa, and East Asia with Europe and the Americas. It carries a particularly heavy traffic of petroleum and petroleum products from the oilfields of the Persian Gulf and Indonesia. Its fish are of great and growing importance to the bordering countries for domestic consumption and export. Fishing fleets from Russia, Japan, South Korea, and Taiwan also exploit the Indian Ocean, mainly for shrimp and tuna. Large reserves of hydrocarbons are being tapped in the offshore areas of Saudi Arabia, Iran and India. An estimated 40% of the world's offshore oil production comes from the Indian Ocean. Beach sands rich in heavy minerals and offshore placer deposits are actively exploited by bordering countries, particularly India, Indonesia, Sri Lanka, and Thailand. For these reasons, it is crucial that SOLAS contracting Governments undertake hydrographic surveys as and when required, that they arrange for the compilation and publication of hydrographic data, the dissemination and keeping up to date of all nautical information necessary for safe navigation.

The IHO Capacity Building Strategy classifies the development of hydrographic services into three phases:

- those which are in Phase 1: Collection and circulation of nautical information, necessary to maintain existing charts and publications up to date;
- those which are in Phase 2: Creation of a surveying capability to conduct coastal and offshore projects; and
- those which are in Phase 3: Produce paper charts, ENC and publications independently.

Coastal/maritime states have certain treaty obligations (SOLAS) placed on them and the IHO/NIOHC effort aims at assisting states in meeting these obligations. To achieve this a national understanding and coordination effort is required noting that:

- resources (human, time, finance etc) are limited, consequently prioritization is a fundamental issue;
- planning must be realistic;
- longer term training such as CAT A or B are not covered because such training is out of the scope of the IHO CB budget.

Nowadays, the rapidly evolving technology has replaced old navigation paradigms and demands continuous investments in education and training so that the Hydrographic Services can continue to provide high quality products and services which satisfy new demands of the maritime community.

NIOHC is aware of its Member States' efforts to provide quality service to the international maritime community in order to contribute to the safety and security of navigation and human life at sea as well as the preservation of the environment in its region and, as part of the IHO community, to contribute to the achievement of the objectives and directions of the Organization.

1.2. Aims and objectives



NIOHC CB Plan 2013-2017



Since the last meeting of the NIOHC in *Myanmar* a year ago I have worked to our five year CB plan

There were three activities identified for 2014:-

- MSI training course (voted for in Yangon)
- Development of a Regional Marine Spatial Data Infrastructure (MSDI) Workshop (voted for in Yangon)
- CARIS ENC Production Course (two in number)



The Proposed Activities for 2015



	Bangladesh	Myanmar	Sri Lanka
CARIS Paper Chart Composer			Completed February 2013
CARIS S-57 ENC Composer	Arranged for May 2014	Arranged for March 2014	
CARIS MBES Processing			



The Endorsed Activities for 2014



In a time of greater competition for financial resources for CB activity three of our **four** submissions were approved by the CBSC which met in Wollongong, Australia, May 2013

- MSI Training Course
- x2 CARIS ENC Production courses

The only activity not fully supported was the
Development of a Regional MSDI Workshop



The Endorsed Activities for 2014



Development of a Regional Marine Spatial Data Infrastructure (MSDI) Workshop

Note there is insufficient funding to invite
students onto this course

Funding only covers the tutors fees and their
travel & subsistence



NIOHC CB Plan 2013-2017



The NIOHC CB Plan 2013-2017 will be reviewed annually at NIOHC meetings and any emerging requirements for the other training initiatives listed (reference section 2) can be discussed by NIOHC members for inclusion into the next years plan, noting that submissions made to the CBSC for funding consideration are for the succeeding year



The Proposed Activities for 2015



- ENC Production and QA Course (5 days)
- MBES Training opportunity (5 days)
- Law of the Sea Workshop (5 days)
- x2 CARIS technical training courses (5 days)



The Proposed Activities for 2015



In a period of greater competition for CB funding it cannot be guaranteed that all activities will be endorsed

Noting that Technical visits and MSI courses nearly always get approved are the membership happy with my proposals?



Emerging Requirements



Yesterdays National Reports were a rich source of capacity building requirements and possible capacity building opportunities offered by National Hydrographic Offices over and above the activities identified and funded by the CBSC fund

e.g. INHO's CAT A and B programmes



Emerging Requirements



Can I suggest the an Annex is added to the NIOHC CB Plan 2013-17 to cater for this and NIOHC members who can offer such training populate the Annex?



Questions



Any Questions?