



SAIHC Capacity Building Update

Presented by UKHO



SAIHC CB



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

The activities completed in 2017/18

The SAIHC CB Plan 2018 to 2020

The endorsed activities for 2018

The proposed and endorsed activities for 2019



Activities Completed in 2017



Technical visits

None requested

Training Courses

One MSI Course



Activities Completed in 2017



MSI training course delivered in Fish Hoek, South Africa, 05-07 September 2017

- The following states participated:

Angola, Comoros, Kenya, Madagascar, Mauritius, Mozambique, Namibia, Seychelles, & South Africa (2)

Together with *Gambia & Nigeria* from the adjoining EAtHC and nine members of the NIOHC

- Training delivered by United Kingdom and United States



SAIHC CB Plan 2018-2020



INTERNATIONAL HYDROGRAPHIC ORGANIZATION
SOUTHERN AFRICA & ISLANDS HYDROGRAPHIC COMMISSION



CAPACITY BUILDING PLAN
Programme document for the period 2013-2017

1. INTRODUCTION

1.1. Rationale

The Southern Africa & Islands (SAIHC) region contains three of the world's 64 major large marine ecosystems, the Benguela current, the Agulhas current and the Somali current. Some of the species and habitats of these currents are unique. The main traffic to the west of the region are the routes from ports in NW Africa to the Cape of Good Hope together with the transatlantic routes for traffic between North and South America and the ten ports in this area.

The shipping lanes along the East Africa coast carry over 30% of the world's crude oil supplies. This region contains thirteen important commercial ports serving as hubs for traffic emanating from, and destined for Europe, Asia, the Americas and the east and western coasts of Africa. In addition to the large cargo ships travelling internationally, many smaller boats serving local needs ply the coastal waters and harbours. Oil and gas exploration programmes operating throughout the region bring additional risks.

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/SAIHC 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.

SAIHC 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.



The Endorsed Activities for 2018



There were two activities for which the CBSC approved the funding:

- Seminar on Raising Awareness on Hydrography (which was completed earlier this week)
- MBES Processing and Data Basing Training for Mozambique

A third activity

- Regional MSDI Workshop was approved but is currently unfunded



SAIHC CB Plan 2018-2020



The SAIHC CB Plan 2018-2020 will be reviewed annually at SAIHC meetings and any emerging requirements for the other training initiatives listed (reference section 2) can be discussed by SAIHC 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 and Endorsed Activities for 2019



- Seminar on Raising Awareness of Hydrography
- MSI Course (I require a volunteer to host)
- MBES Processing (currently unfunded)
- 'On the job' Hydrographic Survey Training (limited funding required for this activity – will be on an opportunity basis and submissions will be developed as required)

Note: all these activities were approved at the CBSC16 meeting in Goa, India (noting the MBES processing is currently unfunded)



Advanced Training Opportunities



Japan through the Nippon Foundation –
GEBCO Graduate Training Project at the UNH,
USA (1 year)

CAT B Cartography (15 weeks) at the UKHO
See IHO CL .../19 for this course

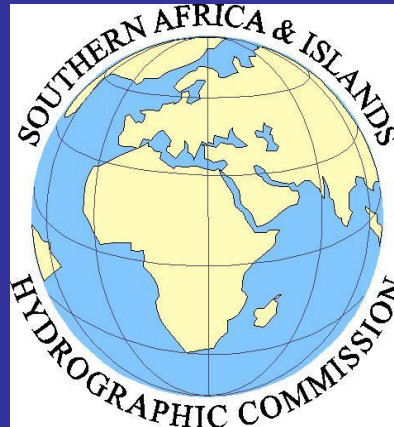
Republic of Korea -

Masters programme in Hydrographic Surveying at
the USM, USA (1 year)

CAT B Cartography or Hydrography (20 weeks) at
KHQA, Busan, ROK



Questions



Any Questions?