

Tel: +27 21 787-2412  
Fax: +27 21 7872233  
Email: [hydrosan@iafrica.com](mailto:hydrosan@iafrica.com)



South African Navy  
Hydrographic Office  
Private Bag X1  
Tokai  
7966  
REPUBLIC OF SOUTH AFRICA  
10 March 2006

*File ref: **IHB: S3/0127 & S3/3080/A**  
**SANHO: FOF/HYD/R/320/19/1***

## **REPORT OF THE FIRST PHASE OF THE SAIHC TECHNICAL VISITS 2006**

### Reference:

A. SAIHC FOF/HYD/R/320/19/1 dated 15 December 2005

### **INTRODUCTION**

1. Background. The visits arose from discussions in the Conferences of the Southern Africa and the Islands Hydrographic Commission (SAIHC), and proposals in the Work Programme of the IHO Capacity Building Committee (IHO CBC). The IHO was particularly keen that ongoing development of the Lake Victoria Safety of Navigation Project and the World Bank West Indian Ocean Marine Highway (WB WIO MH) Project should reflect a clear appreciation of the existing hydrographic capability and capacity building requirements of the SAIHC Member States (MS). The Terms of Reference for the visit teams are at Annex A.
2. Composition of Team. The SAIHC Team which visited Malawi, Tanzania, Kenya, Namibia and Uganda comprised Captain Abri Kampfer SAN and Captain Mike Barritt RN. They were accompanied by Mr John Paul Muindi, IMO Regional Co-ordinator for Eastern and Southern Africa.
3. Countries Visited. An outline of events is at Annex B. Individual Country Reports are also annexed.

### **OVERALL ASSESSMENT OF THE SITUATION IN REGION**

4. Efficacy of the Visits. This is the first series of technical visits which have been conducted as a joint IHO/IMO undertaking. This teamwork sent a powerful message of intent to back up the ongoing liaison exemplified by IMO MSC Circular 1179 of 2005. Furthermore, without John Paul Muindi's network of contacts it would have been much more difficult to put the visit plan in place in the desired timescale. It is strongly recommended that this joint approach should be adopted whenever possible for future capacity building technical visits. In each of the countries visited the team experienced a good reception and commitment to preparation, including the drafting of written reports. Letters offering visits should emphasise that, to optimise the use of tight timetables, an early round table meeting of stakeholders should take place, with subsequent short courtesy calls to debrief Ministers and senior officials.
5. Co-operative Arrangements and Potential. There is ample scope to pool the slender national resources of the countries which were visited. Malawi and Mozambique are setting a good example during 2006 on Lake Malawi/Nyasa. The Visit Team considered that a firm and proactive lead by the EAC would be needed to pick up the necessary momentum with the long-needed survey and charting of Lake Victoria.
6. Country Summaries. The following Tables summarise the situation which the Team encountered.

**Table 1: Assessment of National Hydrographic Capability.**

Country	IHO Member	SAIHC Member	NHC	Phase 1 Capacity	Phase 2 Capacity	Phase 3 Capacity	Notes
Kenya	No	Associate	Yes	Partial	No	No	1
Malawi	No	Associate	Yes	Partial	Partial	No	1
Namibia	No	Associate	No	Partial	No	No	
Tanzania	No	Associate	Yes	Partial	Partial	No	
Uganda	No	No	No	No	No	No	

Notes:

1. IHO membership application process proposed.

**Table 2: Summary of Progress towards Implementation of GMDSS.**

Country	Master Plan	A1 Area	A2 Area	A3 Area	NAVTEX	Safety NET	Notes
Kenya	No	No	No	No	No	No	1
Malawi	No	No	No	No	No	No	
Namibia	No	No	No	No	Yes	No	2
Tanzania	No	No	No	Planned	No	No	1
Uganda	No	No	No	No	No	No	

Notes:

1. Proposals for NAVTEX or SafetyNET should be clarified during establishment of the East African MRCC in Mombasa and MRSC in Dar es Salaam.
2. NAVTEX cover for Namibia is provided by arrangement with South Africa.

## CONCLUSIONS

7. Co-operative Opportunities. The Visit Team consider that SAIHC should encourage the countries to pursue the following opportunities:

- a. Use of regional training facilities e.g. Dar es Salaam Marine Institute for MSI/GMDSS training.
- b. Kenya and Tanzania should provide early feedback on prioritised national survey plans and staffing intentions so that CB benefits can be co-ordinated from WB WIO MH funding.
- c. Under the auspices of the EAC, the concept of a joint survey team on Lake Victoria, and possibly on other Great Lakes, should be fully explored.

8. National Hydrographic Committees. In all the countries visited the national authorities had found that the inter-departmental discussions prompted by the SAIHC Technical Visit were immensely beneficial to improve awareness of ongoing activities in the maritime sphere. This is a powerful argument for the establishment and regular convening of a NHC, not least to ensure that resources are applied to best effect. SAIHC should seek to encourage the NHCs by regular communication e.g. for update of S-55; for bids to the annual IHOCBC meeting.

9. Potential for Development of National Capability, or for Improved Liaison with Co-ordinating Authorities. Delegations of hydrographic responsibility must be matched with national budgetary allocations to enable appropriate and sustainable Phase 1 and 2 capabilities to be established. Where applicable, the countries should put their pragmatic arrangements with other countries for the delivery of Phase 3 output on a formal basis, through bilateral arrangements. The NHCs should be alert for major marine/environmental projects in their countries which should have a hydrographic component.

## **RECOMMENDATIONS**

10. Urgent MSI/GMDSS Actions. The Visit Team consider that IHO CPRNW should provide early advice in the region, especially for the Mombasa MRCC. The IHOCBC should give high priority to funding a CPRNW training course in region if the bid is forwarded by SAIHC.

11. SAIHC/CBC Follow-up Actions.

a. Assistance to and encouragement of NHCs. Provide advice to all countries on the development of their prioritised national survey plans

b. Funding. In addition to any funds which are obtained from the IHOCBC, bilateral assistance should be sought from SAIHC members and other IHO MS to permit the countries visited to send participants to the regional conferences and to training courses in region. The countries themselves should also investigate how they can reduce costs by making facilities available for regional opportunities.

c. Training. There is considerable scope to reduce costs and facilitate attendance at training sessions by using existing centres in the countries visited. Training of hydrographic surveyors for each country must be structured in accordance with a clear plan which takes subsequent employment, career development and succession planning into account. The IHOCBC may consider an in region seminar on port/SW surveys within the next 2 years, and this would be of great benefit to all the countries visited.

12. Follow up opportunities. The SAIHC special meeting and technical workshop to be held before the next IHOCBC present a strategic opportunity to maintain momentum in the region, but clear and timely engagement by the individual states is essential.



**(A KAMPFER)**  
**HYDROGRAPHER SA NAVY: CAPTAIN SAN**  
**CHAIRMAN SAIHC**

Annexes:

- A. Terms of Reference of the SAIHC Technical Visit Teams.
- B. Summary of Events.
- C. Country Report: Malawi.
- D. Country Report: Tanzania.
- E. Country Report: Kenya.
- F. Country Report: Namibia.
- G. Country Report: Uganda.

**Distribution:**

Chairman CBC  
Countries visited (Report, Annexes A and B, and Country Annex)

**Information:**

Mr John Paul Muindi IMO

**TERMS OF REFERENCE OF THE IHO SAIHC VISIT TEAM**

1. The SAIHC Visit Team, comprising members of the staffs of the Hydrographic Services of [ ] and [ ], are to carry out visits to the nations which have indicated a willingness to discuss deficiencies in surveying, charting and WWNWS.

Work to be done

2. The Team is to:
- a. obtain access to decision making levels of government in each country visited and liaise with senior officials, emphasising the importance of hydrography and the requirements of SOLAS Chapter V (Regulations V2/2, V/4 and V/9) and the need to develop national plans to meet these obligations;
  - b. review the status of host nation hydrographic services as shown in IHO S-55;
  - c. advise on measures which can be taken to improve these services through viable and sustainable local arrangements and liaison with other Hydrographic Services;
  - d. propose to the host nation draft implementation plans and milestones;
  - e. note requirements for capacity building support which should be assessed by SAIHC for submission to the IHO Capacity Building Committee.

Report

3. A Report of the assessments and recommendations of the Team is to be submitted to the countries through the Chairman of SAIHC by 1 March 2006.

## SUMMARY OF EVENTS

<u>Date</u>	<u>Event</u>
<b><u>Visit to Malawi</u></b>	
19 Feb 06	Team arrived Lilongwe, Malawi.
20 Feb 06	a. Meeting of Special Committee for Hydrography, chaired by Mr D.O.C. Gondwe, Surveyor General, with the following attendees: Captains A. G. K. Nkhoma and T. W. Kamanga of the Marine Department, Ministry of Transport and Public Works; Captain A. Nkhoma of Malawi Lake Services Ltd.; Superintendent N. Chonde of the Malawi Police Marine; Mr R. Kanjedza of the Environmental Affairs Department; Mr P. Kadewere of the Ministry of Water; and Mr M. Mzunzu, Head of the Hydrographic Survey Unit, Department of Surveys. b. Call on Mr G. C. Mkondiwa, Secretary for Lands, Housing and Survey. c. Reception attended by the Honourable Bazuka Mhango, Minister for Lands, Housing and Survey.
21 Feb 06	Team departed Lilongwe, Malawi, and arrived Dar es Salaam, Tanzania.
<b><u>Visit to Tanzania</u></b>	
22 Feb 06	a. Call on Mr C. S. Mwijande, Acting Permanent Secretary, Ministry of Lands & Human Settlements Development, and Acting Director of Surveys & Mapping. b. Call on Mr O. Chambo, Deputy Permanent Secretary, Ministry of Infrastructure Development. c. Visit to Dar es Salaam Maritime Institute. d. Call on Director for Construction, Ministry of Defence.
23 Feb 06	a. Call on Mr G. F. Nanyaro, Director of Fisheries, and Mr D. B. Kasunga, Assistant Director of Tourism, Ministry of Nature Resources and Tourism. b. Call on Mr S. Salula, Deputy Permanent Secretary, Vice President's Office, Ministry of Environment. c. Meeting with the National Hydrographic Committee. d. Departed Tanzania and arrived Nairobi, Kenya.
<b><u>Visit to Kenya</u></b>	
24 Feb 06	a. Meeting at Ministry of Lands with Mr Kombo Mwero, Permanent Secretary (P. S.), Mr J. K. Mathenge, Director of Surveys, Survey of Kenya (SOK), and Chairman of the National Hydrographic Committee (NHC), and Mr J. G. Halake, Head of Hydrographic Unit, Survey of Kenya and Secretary of the NHC. b. Meeting with officials from Shipping and Marine Affairs Division of Ministry of Transport, Ministry of Environment & Natural Resources, National Oil Corporation, and Regional Centre for Mapping of Resources for Development.
26 Feb 06	Team travelled from Nairobi to Mombasa.
27 Feb 06	Round table meeting chaired by Mr P. W. K. Mbiriri, of the Kenyan Ports Authority (KPA), attended by representatives of Kenya Navy, Kenya Marine & Fisheries

Research Institute (KMFRI), Kenya Ferry Services, and SOK officials from Nairobi and the coastal districts.

- 28 Feb 06
  - a. Briefings at KMFRI.
  - b. Visit to KPA and MRCC.
  - c. Team departed Mombasa and arrived Nairobi.
- 1 Mar 06
  - Debriefing for Mr K. Mwero, P. S. Ministry of Lands, Mr G. Ikiara, P. S. Ministry of Transport, Mr Z. Mwaura, P. S. Ministry of Defence, and other government officials.
- 2 Mar 06
  - Team departed Nairobi, Kenya and arrived Windhoek, Namibia.

**Visit to Namibia**

- 3 Mar 06
  - a. Round table meeting chaired by Mr M. M. Nangolo, Director Maritime Affairs, Ministry of Works, Transport and Communication, attended by representatives of the Ministry of Defence Naval Command, Ministry of Fisheries and Marine Resources, and NAMPORT.
  - b. Debriefing for Deputy P. S., Ministry of Works, Transport and Communication.
- 4 Mar 06
  - Team departed Namibia.

**Visit to Uganda**

- 5 Mar 06
  - Team arrived Entebbe, Uganda.
- 6 Mar 06
  - a. Meeting with Mr J. G. Itazi, Director of Transport and Communications, Ministry of Works, Housing and Communications (MOWHC).
  - b. Visit to Port Bell and meeting with Mr M. Eroju, Chief Marine Engineer, Uganda Railways Corporation.
  - c. Meeting with Captain P. N. W. Musoke, Managing Director, Kampala Maritime Freight Services Ltd.
  - d. Meeting with Mr T. de Wet, CEO National Lake Rescue Institute, East Africa.
- 7 Mar 06
  - a. Meeting at Water Resources Management Development Department, Entebbe, with Ms Florence Adongo, Assistant Commissioner.
  - b. Meeting with Civil Aviation Authority and Commandant Uganda Police Marine.
  - c. Team departed Uganda on completion of mission.