



United Kingdom  
Hydrographic Office



## IHO Phase 1 Skills Training Course Walvis Bay, Namibia 18<sup>th</sup> – 22<sup>nd</sup> July 2016



INTERNATIONAL HYDROGRAPHIC ORGANIZATION

**Title of the course:** Southern African and Islands Hydrographic Commission (SAIHC)  
Capacity Building Work Programme: Phase 1 Skills Training Course

**Host:** South African Navy Hydrographic Office

**Venue:** Atlantic Hotel, Walvis Bay, Namibia

**Date:** 18<sup>th</sup> to 22<sup>nd</sup> July 2016

**Type:** Regional (Central and Southern African Nations and Indian Ocean Islands)

**Organized by:** IHO, SANHO and UKHO

**Supported by:** UKHO

**Number of participants:** 11 full time

**Number of countries:** 9

**Summary**

**Description:**

A highly practical introduction to the assessment and promulgation of navigationally significant information.

**Aim:**

To provide delegates with the skills and knowledge to assess and promulgate navigationally significant information to the wider maritime community.

**Designed for:**

Delegates in receipt of navigational information who require basic assessment skills to enable the promulgation of navigationally significant information.

**Objectives:**

By the end of the module, through a series of exercises, delegates will be able to:

- Understand the responsibilities under SOLAS
- Demonstrate a basic understanding of geographical plotting
- Work with some basic chart datum's
- Describe several different sources of information
- Describe and use international chart symbols and abbreviations
- Understand the need to keep nautical charts up-to-date
- Describe the methods used to keep nautical charts up-to-date
- Understand the Maritime Safety Information system
- Describe the World-Wide Navigational Warning Service
- Understand the role of the NAVAREA co-ordinator

### Venue

The course was held at the Atlantic Hotel in Walvis Bay, Namibia. The facilities were good and the hotel staff were most supportive in response to any requests for assistance. A large air-conditioned conference room was provided, equipped with projector with connection to laptop computers, projection screen, and adequate internet access.

### Opening & Closing Ceremonies

Capt Leo Alexin (Namport) opened the course which involved the participants and trainers Kevin Bagwell and James Clough (UKHO) giving a short resume of their role within their organisation. Kevin Bagwell outlined the rationale for the course and summarized the potential benefits to participants' nations in developing Phase One hydrographic capabilities. Capt Alexin returned at the end of the course to close proceedings, during which each participant was presented with a certificate of attendance which was well received.

### Participants

There were 11 participants were from the following 9 countries: Comoros, Seychelles, Mauritius, Kenya, Mozambique, Madagascar, Namibia, Malawi and Nigeria. The enthusiasm and involvement of all the participants was impressive, they were clearly keen to learn and to derive full benefit from the course.

### Course

This one week course brought together participants with a diverse range of background, age and experience, but who were united by their desire to develop their skills in the assessment and promulgation of navigationally significant information.

The group worked mainly from individual workbooks supplemented by chart size exercises (see full programme at Annex A) facilitated by UKHO trainers Kevin Bagwell and James Clough.

Participants were encouraged to explain their concerns and relay stories of note for all to learn by. This interactive approach was key to the success of the course, as the training objectives were enhanced by ensuring that each lesson was delivered with a shared learning objective.

Attendees were required to have proficiency in English, since that was the language of delivery; however, some were from countries where French is the first language. This influenced the pace of delivery and explanation of hydrographic terminology to suit those less familiar with English.

A summary of the participants' feedback forms is included at Annex B, from which it is concluded that the course was successful in achieving its aims.

Assessment

A multiple choice test was completed on the final day by all participants which covered the week's subjects. The results were as follows:

Country	Student	Score 22 max
Comoros	Mr Zouboudou Koundjourou Halifa	13
Kenya	Ms Njuki Magdalene Wanjagi	15
Madagascar	Mr Narizo Mahefa Rahaingoa Lison	13
Malawi	Mr Gift Singini	13
Mauritius	Mr Risshy Singh Doorgachurn	14
Mozambique	Mrs Laura Chirindja	16
Namibia	Mrs Anca Burger	21
Namibia	Mr Geas Shatika	16
Nigeria	Cdr Mahmud Abubakar Fana	17
Nigeria	Cdr Chukwuma Azuike	19
Seychelles	Ms Thelency Moumou	13

Administrative issues

As a country, Namibia has strict requirements regarding holding appropriate visas for entry. Two delegates had issues with immigration at Walvis Bay Airport, and one of the delegates was detained by the authorities for about five hours before being allowed entry.

Four delegates experienced travel difficulties on their way to the training, mainly missing their flights from Johannesburg into Walvis Bay, and as result arrived on the Monday rather than the Sunday. The two trainers almost missed their onward flights from Johannesburg to Walvis Bay, due to lengthy queues (90 minutes) at South African Passport Control.

It may be worth considering hosting future courses in the vicinity of major airport hubs (such as Johannesburg or Cape Town) to minimise these connection issues, reduce travelling time for trainers and delegates, and maximise the time available for training delivery.

The South African delegate was absent throughout the course.

## Annex A

<b>Programme (0830hrs – 1630hrs each day)</b>	
<b>Mon</b>	<p>Course Aims &amp; Objectives            Introduction            History, role and responsibilities of an Hydrographic Office            Understanding the role of IHO/IMO SOLAS            Types of chart and chart users;</p>
<b>Tues</b>	<p>Re cap:            Look at charts and chart scales/marginalia/titles/notes [optional]            Chart Projections            Chart Datum (Horizontal)            Latitude and Longitude            Bearing and Distance</p>
<b>Wed</b>	<p>Depth Selection and Units / Contours, whiteboard [optional]            Chart Symbols and Abbreviations [S4]            Nav aids – Lights and buoys            Navigational Dangers            Source material: types, analysis and depiction (paper and digital material)            Data Assessment and Chart Maintenance (Paper and Digital)            Short term Chart Maintenance the need.</p>
<b>Thur</b>	<p>Describe the Worldwide Navigational Warning Service.            Understand the role of the Nav Area co-ordinator.            GMDSS            Maritime Safety Information            Methods of updating            Notice to Mariners            Drafting Notice to Mariners</p>
<b>Fri</b> (0830 -1030)	<p><b>Evaluation Quiz</b>  <b>Certificate Presentations</b></p>

**Annex B – End-of-course Evaluation**

<b>Course Title</b>	Namibia course
<b>Start date</b>	18th July 2016

<b>At the beginning of the course the training objectives were identified and followed.</b>	<b>Strongly agree</b>							<b>Strongly disagree</b>		
	10	9	8	7	6	5	4	3	2	1
	9	1								

<b>Were the objectives fully explained at the start of the lessons.</b>	<b>Strongly agree</b>							<b>Strongly disagree</b>		
	10	9	8	7	6	5	4	3	2	1
	9	1	1							

<b>The training met my expectations</b>	<b>Strongly agree</b>							<b>Strongly disagree</b>		
	10	9	8	7	6	5	4	3	2	1
	7	2	1							

<b>I will be able to apply the knowledge learnt</b>	<b>Strongly agree</b>							<b>Strongly disagree</b>		
	10	9	8	7	6	5	4	3	2	1
	7	2	1							

<b>The content was organised and easy to follow</b>	<b>Strongly agree</b>							<b>Strongly disagree</b>		
	10	9	8	7	6	5	4	3	2	1
	9	1								

<b>The trainer was knowledgeable</b>	<b>Strongly agree</b>							<b>Strongly disagree</b>		
	10	9	8	7	6	5	4	3	2	1
	10									

<b>The quality of training was good</b>	<b>Strongly agree</b>							<b>Strongly disagree</b>		
	10	9	8	7	6	5	4	3	2	1
	6	4								

The classroom was suitable for the training

Yes	No
10	

Could the training be improved?

Yes	No
7	2

**If yes how;**

Covered up more topic.

Some topics needed detail. Theory to be fully understood.

Some modern techniques or the new technology being used for updating the n/c could also be introduced.

We have to improve our english language.

The training could include half day outing or visit to NPA or any notable place.

More information on MSI should be provided such as info on format and RNW. We could be accurately draft one.

More time allocation.

It was very useful and gratified because in some contents I was a bit far.

**If you had to pass on 3 key learning points to other Members what would they be?**

The role of a cartographer, meaning of symbols and abbreviations & chart projections.

This is skills 1 training phase.

Roles of hydrographic service, cartography/chart/symbolise and assessment.

Aids to navigation, buoys and light, notice to mariners, RNW & use of symbols.

Information of sounding selections & dissemination of MSI.

Ensure datum is always referenced, UKHO has a new website & ensure charts are updated and send through new info.

Charting, use of symbols, importance of aids to navigation & important and the appropriate chart datum to use.

Encouraged, improved in maritime navigation and take as advantage.

The training was

Too short	About right	Too long
4	7	

What is your overall impression of the training?

Poor	Average	Good	Very good
		2	8

The pace of the trainer's delivery was

Excellent	Too fast	Too slow
8	1	

Fine.

**The amount of material covered was:**

<b>Just right</b>	9
<b>Too much</b>	
<b>Too little</b>	1

**The amount of interaction encouraged was:**

<b>Just right</b>	10
<b>Too much</b>	
<b>Too little</b>	

**Was your time well spent in training?**

<b>Yes</b>	<b>No</b>
9	

**If not why:**

*(Nil response)*

**Did you find the course notes/slides very useful?**

Very useful.

Yes.

Yes, would be great if the slides could be mailed so if anything missed can be connected.

Yes.

Absolutely useful. I would have wished to get some of them.

Yes.

Yes. Thank you.

Very useful.

Yes very useful. Would wish the trainer to make available the power points used during training.

Yes.

**Other comments**

Aspect administration should be improved (visa).