



IHO Phase 1 Skills Training Course Fish Hoek, South Africa 26th – 30th Nov 2012



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: Calders Hotel Fish Hoek South Africa

Date: 26th to 30th December 2012

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

Organized by: IHO, SANHO and UKHO

Supported by: UKHO

Number of participants: 12 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 WorldWide Navigational Warning Service
- Understand the role of the NAVAREA co ordinator

Venue

The course was held at the Calders Hotel in Fish Hoek nr. Cape Town, South Africa. The facilities were good and the Calder's staff were most supportive in response to any requests for assistance. An air-conditioned conference room was provided, equipped with projector with connection to laptop computers, projection screen, and flip-chart and good internet access. An extra classroom made available for chart work.

Opening & Closing Ceremonies

Capt Abri Kampher (SANHO) and Ms Ruth Farre (SANHO organiser) opened the course which involved the participants and trainer Gary Summers (UKHO) giving a short resume of their role within their organisation. The former outlined the rationale for the course and summarized the potential benefits to participants' nations in developing phase 1 hydrographic capabilities.

Capt Kampher closed the course after presenting each participant with a certificate of attendance which was well received.

Participants

There were 12 participants were from the following 9 countries: Comoros, Seychelles, Mauritius, Kenya, Mozambique, South Africa, Madagascar, Namibia and Malawi.

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 trainer Gary Summers.

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, many were from countries where French is the first language. This dictated 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.

Expenses for Gary Summers at Annex C

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 30 max
Comoros	Mohammed Said	20
Seychelles	Capt Andrea Valmont	24
Mauritius	Capt Jean Noel	25
Kenya	Grace Oima	25
Mozambique	Domingos Parraque	23
South Africa	Xolisa Memese	26
Madagascar	Nary Iarivo	25
Namibia	Mark Eiman	26
Malawi	Collins Kufunda	22
Malawi	David Longwe	18
Mauritius	Phillippe Domingo	26
South Africa	Gailen Pietersen	26

Annex A

Programme		
1	<p>Course Aims & Objectives Introduction History, role and responsibilities of an Hydrographic Office Understanding the role of IHO/IMO SOLAS Types of chart and chart users;</p>	
2	<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>	
3	<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>	
4	<p>Describe the WorldWide Navigational Warning Service. Understand the role of the Nav Area co-ordinator. GMDSS Maritime Safety Information Methods of updating</p>	
5	<p>Chart Maintenance the need Notice to Mariners Drafting Notice to Mariners</p> <p>ENC usage bands [optional] Introduction to ENC – transition from Paper charts via ARCS [optional] Evaluation Quiz</p>	

Annex B
TRAINING ANALYSIS - End of Course

NUMBER OF DELEGATES

COST OF TRAINING

Q1 The information covered on the course was new to me

Strongly Agree	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Agree		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Neutral												
Disagree			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Strongly Disagree												

Q2 The course content was well organised

Strongly Agree						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
Neutral												
Disagree												
Strongly Disagree												

Q3 The course content too elementary

Strongly Agree			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
Agree									<input checked="" type="checkbox"/>			
Neutral												
Disagree				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Strongly Disagree												

Q4 The balance between presentations and exercises was satisfactory

Strongly Agree	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
Neutral												
Disagree												
Strongly Disagree												

Q5 The workbook was very usable

Strongly Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Agree				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Neutral												
Disagree												
Strongly Disagree												

Q6 The delivery matched my learning style

Strongly Agree						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Neutral												
Disagree												
Strongly Disagree												

Q7 The training room was appropriate for the course

Strongly Agree			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
Neutral												
Disagree												
Strongly Disagree												

Q8 The breaks were the right length

Strongly Agree			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Neutral												
Disagree												
Strongly Disagree												

Q9 The presentation screen was clearly visible

Strongly Agree			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
Neutral												
Disagree												
Strongly Disagree												

Q10 The instructor was easily understood

Strongly Agree	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
Neutral												
Disagree												
Strongly Disagree												

Q11 The instructor was helpful

Strongly Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
Neutral												
Disagree												
Strongly Disagree												

Q12 The instructor was fully prepared

Strongly Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Neutral	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strongly Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q13 The instructor listened and answered all questions

Strongly Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Neutral	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strongly Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q14 I understand my role and responsibility within the hydrographic field

Strongly Agree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Neutral	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strongly Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q15 I have a much better understanding of the assessment of nautical charts

Strongly Agree	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Neutral	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strongly Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q16 I have a clearer understanding of chart updating

Strongly Agree	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Agree	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Neutral	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strongly Disagree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q17 I believe the course was well worth my time and met my requirements

Strongly Agree	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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