



INTERNATIONAL HYDROGRAPHIC ORGANIZATION

NATIONAL REPORTS FROM [Namibia] TO THE [RHC]-[SAIHC 20]

Reference: IHO Resolution 2/1997 as amended

Executive summary

1. Hydrographic Office / Service:

- a) Description: *[Namibia currently don't have a Hydrographic Office and all hydrographic data and surveys are updated with SANHO. SANHO also does all charting and updates of charts for Namibia.]*
- b) Name of the institution: *[Namibian Ports Authority]*
- c) Submitted by: *[Immanuel Hango i.hango@namport.com.na , Elzevir Gelderbloem elzevir@namport.com.na]*

Detailed information for the IHO Publication P-5 (*Yearbook*) is submitted in Annex A.

2. Surveys:

[Describe the developments in surveys related to the items below]

a) Coverage of new surveys:

Out Surveys of New Container Terminal and new Tanker Berth and Channel (North Port) were forwarded to SANHO for chart updating.
Coastline Survey of Pelican Point Peninsula to be completed this year and forwarded to SANHO for chart updates.

b) New technologies and /or equipment

No new equipment to date, but we have installed a weather station on the fairway buoy and all channel buoys flash is synchronised.

c) New ships

No new survey vessels

d) Problems encountered

We encountered some range issues with our RTK, but we set up a base on the top of pelican point lighthouse which resolved our range issue.

We are also looking at replacing our RTK with a newer system which can function with the use of GLONASS and this will eliminate the range issue completely.

Detailed information about surveys for the IHO Publications P-5 (*Yearbook*) and C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is submitted in Annexes A and B, respectively.

3. New charts & updates:

[SANHO will be give an update on all our charts and ENC in their report on this item if there are any new or updated]

- a) ENCs
- b) ENC Distribution method
- c) RNCs
- d) INT charts
- e) National paper charts
- f) Other charts, e.g. for pleasure craft
- g) Problems encountered

Detailed information about charting for the IHO Publications P-5 (*Yearbook*) and C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is submitted in Annexes A and B, respectively.

4. New publications & updates:

[Describe the developments in nautical publications related to the items below]

- a) New Publications
- b) Updated publications
- c) Means of delivery, e.g. paper, digital
- d) Problems encountered

Detailed information for the IHO Publication P-5 (*Yearbook*) is submitted in Annex A.

5. MSI

[Describe the status of Maritime Safety Information (MSI) related to the items below]

- a) Existing infrastructure for transmission
DMA is now formally responsible as stated in the Merchant Shipping Act nr.57 of 1951. The new NAVTEX station is operational and is manned 24h a day at the Telecom control centre by Telecom officers.

All RT MSI broadcasts are on VHF LZ Ch23; WVS Ch26 & 27 and on HF: 4357 & 8719 kHz.

- b) New infrastructure in accordance with GMDSS Master Plan
- c) Problems encountered

Detailed information about MSI for the IHO Publication C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is submitted in Annex B. The national self-assessment of MSI is submitted in Annex C.

6. C-55

The table with the updated information for the IHO Publication C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is provided in Annex B.

7. Capacity Building Offer of and/or demand for Capacity Building

- a) Training received, needed, offered
There is a need to train CAT A or B Hydrographic Surveyor as per IHO requirements

- b) Status of national, bilateral, multilateral or regional development projects with hydrographic component. (In progress, planned, under evaluation or study)
- c) Definition of bids to IHO/CBSC

8. Oceanographic activities

- a) General
- b) GEBCO/IBC's activities
- c) Tide gauge network

We currently have a OTT hydras RLS system in Walvis Bay and Luderitz.
Which was recently bought to replace older OTT hydras system.

- d) New equipment

OTT HYDRAS RLS

- e) Problems encountered

We currently have a problem with the 3G mobile network connection in Walvis Bay and therefore we cannot establish a connection between the station and the server.

9. Other activities

- a) Participation in IHO Working Groups
- b) Meteorological data collection

We recently installed a weather station on the fairway buoy in the Port of Walvis Bay. This we use to measure temp, humidity, visibility, rainfall, windspeed and direction.

- c) Geospatial studies
- d) Disaster prevention
- e) Environmental protection
- f) Astronomical observations
- g) Magnetic/Gravity surveys
- h) MSDI Progress
- i) International
- j) Etc.

10. Conclusions

Input to the IHO Publication P-5 (*Yearbook*)

Country: Namibia
 Organization: Namibian Ports Authority

Contact information/ Informations de contact / Información de contacto	
-National Hydrographer or equivalent -Directeur du service hydrographique ou équivalent -Director del Servicio Hidrográfico o equivalente	Post: Port Captain Name: Captain Lukas Kufuna Postal address: Tel: +264 64 208 2258 Fax: +264 64 208 2326 Email: l.kufuna@namport.com.na
-Head of the Hydrographic Office (if different from the person indicated above) -Directeur du Service Hydrographique (si différent de la personne indiquée ci-dessus) -Director del Servicio Hidrográfico (si diferente de la persona indicada anteriormente)	Post: Executive Port Engineering & ICT Name: Elzevir Gelderbloem Postal address: P.O.Box 361, Walvis Bay, Namibia Tel: +264 64 208 2210 Fax: Email: elzevir@namport.com.na
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	Post: Engineer Infrastructure and Aids to Navigation Name: Immanuel Hango Tel: +264 64 208 2396 Cell: +264 81 3993513 Email: i.hango@namport.com.na
-Web site -site web -sitio web	www.namport.com.na
Country information / Informations sur le pays/ Información sobre el país	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: Date:
-National day -Fête nationale -Fiesta nacional	
-Date of establishment and Relevant National Legislation -Date de mise en place et législation nationale pertinente -Fecha de constitución y	

legislación nacional pertinente	
-Date first joined IHO -Date d'adhésion à l'OHI -Fecha de adhesión a la OHI	Non member state
-Date ratification Convention -Date de ratification de la Convention -Fecha de ratificación de la Convención	
-Remarks on membership -Remarques sur l'adhésion -Comentarios sobre la adhesión	Membership to be obtained in future
Agency information/ Information sur l'agence/ Información sobre la agencia	
-Top level parent organisation -Organisme mère -Organización asociada de nivel superior	
-Principal functions of the organisation or the department -Attribution principales de l'organisme ou du département -Principales funciones de la Organización o departamento	
-Annual operating budget -Budget annuel -presupuesto anual	
-Total number of staff employed -Effectifs totaux -Número total de personal empleado	
-Number of INT charts published -Nombres de cartes INT publiées -Número de cartas INT publicadas	No charting or publishing. SANHO
-Total number of paper charts published-Nombre total de cartes papier	Published by SANHO

publiées-Número total de cartas de papel publicadas				
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	Published by SANHO			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas	SANHO			
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas	Published by SANHO			
-Detail of surveying vessels/ aircraft -Détail des bâtiments hydrographiques / aéronefs -Detalle de los buques hidrográficos / aeronaves	-Name -Nom -Nombre	-Displacement -Déplacement -Desplazamiento	-Date Launched -Date de mise en service -Fecha de botado	-Number of crew -Nombre de l'équipage -Tripulación
	Namport Surveyor	Length over all 5m	2013	2-3
-Other information of interest -Autres informations utiles -Otra información de interés				

Input to the IHO Publication C-55 (*Status of Hydrographic Surveying and Charting Worldwide*)

Country: _____

C-55 Summary for:				Comments on Charts:
Country:				
Country Iso Code:				
Country SubCode:				
INT Region:				
Country/Depend:				
Last updated:				
Provided by:				
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys:
INT				
RNC				
ENC				
Status of Paper Charts				
Paper charts with depths in meters (%)				
Paper charts referenced to a satellite datum (%)				
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m				
> 200m				

MSI	Y/N	Comments on MSI:
Local warning		
Coastal warning		
Nav warning		
Port warning		
GMDSS	Y/N	Comments on GMDSS:
Master Plan		
Area A1		
Area A2		
Area A3		
NAVTEX		
SafetyNet		

National MSI Self-Assessment

Country: Namibia
 Organization: Namibian Ports Authority

1. Maritime area

[Describe maritime area including details of the geographic boundaries]

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
SANHO co-ordinator			

3. GMDSS Master Plan

[Report on the status of the GMDSS Master Plan: Is it up to date? When was the last update?]

[Specifics of equipment used and software version with date up-dated]

Equipment Type for Ports and Local Area	Software Version	Date of Up-date

[Detail the number of warnings identified as immediate priority (requiring transmission within 30 minutes) and the average elapsed time for passing to NAVAREA coordinator, as reported to the last RHC meeting]:

Year Y-2		Year Y-1		Year Y	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
xx	xx.x Mins	xx	xx.x Mins	xx	xx.x Mins

4. NAVTEX Coverage:

[Diagram of NAVTEX stations and service areas within maritime area; Contact details for NAVTEX Stations; Confirm operational status has been validated.]

5. Operational Issues:

[New infrastructure in accordance with GMDSS Master Plan; Problems encountered?]

6. Contingency Planning

[Provide information regarding contingency plans that have been established and future plans where appropriate. Also report on any testing of the plan that has been conducted]

7. Capacity Building

[Demands for Capacity Building, Training requested or received, any offered, status of national, bilateral, multilateral or regional development projects with MSI component]

8. Other Activities

[Participation in other IHO or IMO Working Groups, Regional Hydrographic Commissions, regional conferences related to MSI over past year]

9. National Maritime Website

[(Address, statistics (if permitted by national legislation; how often is the information on your web site updated? Do you display the date and time of the last update on your web site?)]

10. Recommendations

[If any]

11. Summary

[Please provide a short summary of this paper which will be included in the final report of the meeting.]