



INTERNATIONAL HYDROGRAPHIC ORGANIZATION

NATIONAL REPORT FROM [Palau] TO THE SWPHC20

Reference: IHO Resolution 2/1997 as amended

Executive summary

1. Hydrographic Office / Service:

- a) Name of the institution: Bureau of Marine Transportation
- b) Description: *Bureau of Marine Transportation is the primary national government agency responsible for maritime safety, port and ship security, mass rescue operations, aids to navigation and hydrography.*
- c) Submitted by: William Moses [whayesm@gmail.com]

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

2. Surveys:

[Describe any significant developments since the last RHC meeting in surveys related to the items below]

- a) Coverage of new surveys:

2022 Survey of East Passage, West Passage and Malakal Harbor; USN FLTSURVTEAM ONE SSC (USA)

LIDAR Survey; Coastal waters of Babeldaob and Koror.

- b) New technologies and /or equipment: None
- c) New ships: None
- d) Problems encountered: None

Detailed information about surveys to update 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:

[Describe any significant developments since the last RHC meeting in charting related to the items below]

- a) ENCs: None
- b) ENC Distribution method: None
- c) RNCs: None
- d) INT charts: None
- e) National paper charts: None
- f) Other charts, e.g. for pleasure craft: None
- g) Problems encountered: None

Detailed information about charting to update 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 any significant developments since the last RHC meeting in nautical publications related to the items below]

- a) New Publications: None
- b) Updated publications: None
- c) Means of delivery, e.g. paper, digital: None
- d) Problems encountered: None

Detailed information to update 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: None
- b) New infrastructure in accordance with GMDSS Master Plan: None
- c) Problems encountered: None

Detailed information about MSI to update 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 latest information to update 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

[Describe the need for or ability to offer Capacity Building in relation to the items below]

- a) Training received, needed, offered

Training Received

One ATON Technician attended MSI training in Indonesia.

Two staff finished Level 1 ATON Manager's Course

- b) Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study)

Offer of USA to Palau for 1 candidate to Cat B hydrography course.

- c) Description of requests to be considered by the IHO/CBSC

Looking for someone to conduct in-country MSI training.

8. Oceanographic activities

[Describe any significant developments in oceanographic activity since the last RHC meeting related to the items below]

- a) General: Early Warning Systems
- b) GEBCO/IBC's activities: Collaboration with Seabed 2030
- c) Tide gauge network: None
- d) New equipment: None

e) Problems encountered: None

9. Other activities

[Describe any other significant developments of interest to the RHC since the last RHC meeting related to the items below]

- a) Participation in IHO Working Groups: None
- b) Meteorological data collection: None
- c) Geospatial studies: None
- d) Disaster prevention: None
- e) Environmental protection: None
- f) Astronomical observations: None
- g) Magnetic/Gravity surveys: None
- h) MSDI Progress: None
- i) International: None
- j) Installation of secondary underwater fiber optic cable

10. Conclusions

[Provide a short summary statement that highlights any of the following:

- a) Areas of significant achievement*
- b) Areas of particular concern*
- c) Any other matters of interest to the RHC]*

Input to the IHO Publication P-5 (*Yearbook*)Country: PalauOrganization: Bureau of Marine Transportation

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: Name: Postal address: Tel: Fax: Email:
-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: Director Name: William H. Moses Postal address: P.O. Box 1471 Koror, Palau 96940 Tel: 680 488 4224 Fax: 680 488 3207 Email: dot@palaunet.com
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	
-Web site -site web -sitio web	
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	Oct 2021 Creation of National Hydrographic Coordinating Committee Feb 2019 Designating Bureau of Marine Transportation to be in charge of hydrography Dec 2019 Maritime and Admiralty Act

-Date first joined IHO -Date d'adhésion à l'OHI -Fecha de adhesión a la OHI	
-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	
Agency information/ Information sur l'agence/ Información sobre la agencia	
-Top level parent organisation -Organisme mère -Organización asociada de nivel superior	Ministry of Public Infrastructure and Industries
-Principal functions of the organisation or the department -Attribution principales de l'organisme ou du département -Principales funciones de la Organización o departamento	BOMT oversees maritime safety, aids to navigation and hydrography, port and ship security, ship registration and Mass Rescue Operations.
-Annual operating budget -Budget annuel -presupuesto anual	USD242,000
-Total number of staff employed -Effectifs totaux -Número total de personal empleado	7
-Number of INT charts published -Nombres de cartes INT publiées -Número de cartas INT publicadas	4 (produced by NGA)
-Total number of paper charts published-Nombre total de cartes papier publiées-Número total de cartas de papel publicadas	4 (produced by NGA)

-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas				
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas				
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas				
-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
-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: Palau

C-55 Summary for:				Comments on Charts:
Country:	Palau			
Country Iso Code:				
Country SubCode:				
INT Region:				
Country/Depend:				
Last updated:				
Provided by:				
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys: Status of surveys for 0-200m is yet to be determined as results of LIDAR survey are still being processed.
INT	100%	50%	100%	
RNC	0%	0%	0%	
ENC	100%	50%	100%	
Status of Paper Charts				
Paper charts with depths in meters (%)			100%	
Paper charts referenced to a satellite datum (%)				
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m	50%		50%	
> 200m	0%	0%	0%	

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

National MSI Self-Assessment

Country: Palau
 Organization: Bureau of Marine Transportation

1. Maritime area

Palau shall have jurisdiction and sovereignty over its territory which shall consist of all of the islands of the Palauan archipelago, the internal waters, the territorial waters, extending to two hundred (200) nautical miles from a straight archipelagic baseline, the seabed, subsoil, water column, insular shelves, and airspace over land and water, unless otherwise limited by international treaty obligations assumed by Palau. The straight archipelagic baseline shall be drawn from the northernmost point of Ngeruangel Reef, thence east to the northernmost point of Kayangel Island and around the island to its easternmost point, south to the easternmost point of the Babeldaob barrier reef, south to the easternmost point of Helen's Reef, west from the southernmost point of Helen's Reef to the easternmost point of Tobi Island and then around the island to its westernmost point, north to the westernmost point of Fana Island, and north to the westernmost point of Ngeruangel Reef and then around the reef to the point of origin.

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Bureau of Marine Transportation	680 488 4224	680 488 3207	dot@palaunet.com

3. GMDSS Master Plan

[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:

5. Operational Issues:

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

- a) Training received, needed, offered

Training Received

One ATON Technician attended MSI training in Indonesia.

Two staff finished Level 1 ATON Manager's Course

- b) Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study)

Offer of USA to Palau for 1 candidate to Cat B hydrography course.

- c) Description of requests to be considered by the IHO/CBSC

Looking for someone to conduct in-country MSI training.

8. Other Activities

9. National Maritime Website

10. Recommendations

11. Summary