**18TH MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC COMMISSION (SWPHC18)**

**VTC, 17-19 February 2021**

**NATIONAL REPORT FROM [*****PALAU*] TO THE SWPHC18**

References:

1. IHO Resolution 2/1997 as amended (see doc. C3-04.2A, [Appendix to Annex A](https://iho.int/uploads/user/About%20IHO/Council/council3/C3_2019_04.2_EN_AnxA-App-Proposal-Res2-1997_v1.pdf))
2. IHO Circular Letter 20/2019, The IHO Online Form System for responses to Circular Letters and input to IHO Publications (P-5 and C-55): [link](https://www.iho.int/mtg_docs/circular_letters/english/2019/CL20_2019_EN_v1.pdf)

Online system for P-5 (Yearbook): [link](https://iho.formstack.com/forms/web_form_p5)

Online system for C-55 (Status of Surveys and Charting Worldwide): [link](https://iho.formstack.com/forms/web_form_c55)

**Executive summary**

1. Hydrographic Office / Service:
2. Name of the institution: [*BUREAU OF MARINE TRANSPORTATION*]
3. Description: [*The Division of Port State and Navigation is the Division within the Bureau, tasked with hydography, ATONS, channelways and ports.*]
4. Submitted by: [*LEVAN T. AKITAYA levanakitaya@gmail.com*]

Detailed information to update IHO Publication P-5 (*Yearbook*) is submitted in Annex A (alternatively, use the online system, reference B). Please indicate "no change" in Annex A if this is the case.

1. Surveys:

[*None to report at this time*]

1. Coverage of new surveys:
2. New technologies and /or equipment
3. New ships
4. Crowdsourced and satellite-derived bathymetry - national policy
5. Challenges and achievements

Detailed information about surveysto update IHO Publications P-5 (*Yearbook*) and C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is submitted in Annexes A and B, respectively (alternatively, use the online system, reference B). Please indicate "no change" in Annexes A and B if this is the case.

1. New charts & updates:

[*None to report at this time*]

1. ENC coverage, gaps and overlaps
2. ENC distribution method
3. RNCs
4. INT charts
5. National paper charts
6. Other charts, e.g. for pleasure craft
7. Challenges and achievements

Detailed information about chartingto update IHO Publications P-5 (*Yearbook*) and C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is submitted in Annexes A and B, respectively (alternatively, use the online system, reference B). Please indicate "no change" in Annexes A and B if this is the case.

1. New publications & updates:

[*None to report at this time*]

1. New Publications
2. Updated publications
3. Means of delivery, e.g. paper, digital
4. Challenges and achievements

Detailed information to update IHO Publication P-5 (*Yearbook*) is submitted in Annex A (alternatively, use the online system, reference B). Please indicate "no change" in Annex A if this is the case.

1. MSI

[*The Bureau of Marine Transportation continues to be communicated all MSI with NavArea XI Coordinator and NGA*]

1. Existing infrastructure for MSI dissemination
2. Statistics on work of the National Coordinator
3. New infrastructure in accordance with GMDSS Master Plan
4. Challenges and achievements

Detailed information about MSIto update IHO Publication C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is submitted in Annex B (alternatively, use the online system, reference B). The national self-assessment of MSI is submitted in Annex C. Please indicate "no change" in Annexes B and C if this is the case.

1. C-55

The table with the latest information toupdate IHO Publication C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is provided in Annex B (alternatively, use the online system, reference B). Please indicate "no change" in Annex B if this is the case.

1. Capacity Building

[*As a young organization, new to Hydrograhpy, all available training and capacity building would be very benefitial to Palau.*]

1. Offer of and/or demand for Capacity Building
2. Training received, needed, offered
3. Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study)
4. Descriptionof proposals and requests to the IHOCBSC
5. Oceanographic activities

[*Palau is participating in the GEBCO CSB project]*

1. General
2. GEBCO &Seabed 2030
3. Crowdsourced Bathymetry Activities
4. Tide gauge network
5. New equipment
6. Challenges and achievements
7. Spatial data infrastructures
8. Status of MSDI
9. Relationship with the NSDI
10. Involvement in regional or global MSDI efforts
11. National implementation of the Shared Data Principles – including any national data policy and impact on marine data.
12. MSDI national portal
13. Best practices and lessons learned
14. Challenges and achievements
15. Innovation
16. Use of new technologies
17. Risk assessment
18. Policy matters
19. Other activities

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

1. Participation in IHO meetings
2. Meteorological data collection
3. Geospatial studies
4. Preparation for responses to disasters
5. Environmental protection
6. Engagement with the Maritime Administration
7. Aids to Navigation matters
8. Magnetic and gravity surveys
9. International engagements
10. Others
11. Conclusions

[*In the previous year, Palau has completely retrofitted ATONS in both shippinig channels. As mentioned previously, Palau is participating in GEBCO’s CSB project. This is quite new to Palau, and we are excited for the project and end result.* ]

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

*Country: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Organization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

(Please provide the information in English. Consider using the IHO Online Form System, see reference B)

|  |
| --- |
| **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 (sidifférent de la personneindiquée ci-dessus)-Director del Servicio Hidrográfico (sidiferente de la persona indicadaanteriormente) | Post:Name:Postal address:Tel:Fax:Email: |
| -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 legislaciónnacional pertinente |   |
| -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 levelparentorganisation-Organismemère-Organización asocieda 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-presupuestoanual |   |
| -Total number of staff employed-Effectifstotaux-Número total de personal empleado |   |
| -Number of INT charts published-Nombres de cartes INT publiées-Número de cartas INT publicadas |   |
| -Total number of paper charts published-Nombre total de cartes papier publiées-Número total de cartas de papelpublicadas |   |
| -Number of ENC cellspublished-Nombres de cellules ENC publiées-Número de células ENC publicadas |   |
| -Number of Other charts-Nombred'Autrescartes-Número de Otras cartas |   |
| -Type of publications produced-Type d'ouvrages produits-Tipo de publicacionesproducidas |   |
| -Detail of surveyingvessels/ 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-Autresinformationsutiles-Otrainformación de interés |   |

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

*Country: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

(Please provide the information in English. Consider using the IHO Online Form System, see reference B)

|  |  |
| --- | --- |
| **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 (%)** |   |
| INT |   |   |   | **Comments on Surveys:** |
| 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Organization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

(Please provide the information in English)

1. Maritime area

*[Describe maritime area including details of the geographic boundaries]*

1. Operational Points of Contact for the National Coordinator

|  |  |  |  |
| --- | --- | --- | --- |
| **INSTITUTION** | **TELEPHONE** | **FACSIMILE** | **EMAIL** |
|  |  |  |  |

1. GMDSS Master Plan

*[Not available]*

*[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 |

1. NAVTEX Coverage:

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

1. Operational Issues:

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

1. 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]*

1. Capacity Building

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

1. Other Activities

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

1. 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?]*

1. Recommendations

*[If any]*

1. Summary

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