

**18TH MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC
COMMISSION (SWPHC18)
VTC, 17-19 February 2021**

NATIONAL REPORT FROM PAPUA NEW GUINEA TO THE SWPHC18

References:

- A. IHO Resolution 2/1997 as amended (see doc. C3-04.2A, [Appendix to Annex A](#))
- B. 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](#)
Online system for P-5 (Yearbook): [link](#)
Online system for C-55 (Status of Surveys and Charting Worldwide): [link](#)

Executive summary

The National Maritime Safety Authority (NMSA) is responsible for maritime safety, search and rescue and marine pollution prevention in Papua New Guinea. NMSA fulfils PNGs SOLAS obligations which includes hydrographic surveying and charting working in collaboration with the Australian Hydrographic Office (AHO).

1. Surveys:

- a) Coverage of new surveys:
No surveys undertaken during the period since the last SPWHC
- b) New technologies and /or equipment
- c) New ships
- d) Crowdsourced and satellite-derived bathymetry - national policy
- e) Challenges and achievements

2. New charts & updates:

- a) ENC coverage, gaps and overlaps
Under arrangement with AHO.
- b) ENC distribution method
Under arrangement of the AHO distribution service and IC-ENC. Information on link <http://hydro.gov.au/prodserv/digital/ausENC/enc.htm>
- c) National paper charts
The rebranding project by the AHO has completed renaming the PNG charts, which is total of 78 charts. List of charts is available on link below;
<https://hydro.gov.au/webapps/jsp/charts/PNGchartlist.jsp>
- d) Other charts, e.g. for pleasure craft
None

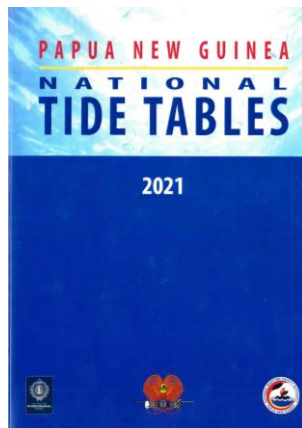
e) Challenges and achievements

Domestic vessels continue to rely largely on paper charts as their primary means of navigation, therefore the hydrographic arrangements with the AHO to maintain the paper chart series is important. NMSA also recognizes that continual review is needed for the paper series to ensure it meets the requirements for vessels navigating the coastal waters.

3. New publications & updates:

a) PNG National Tide Tables 2021

New Tide Table 2021 released for PNG ports with the support of the AHO. Tide Predictions covers sixteen ports.



b) Updated publications

Nil

c) Challenges and achievements

4. MSI

a) Existing infrastructure for MSI dissemination

NMSA maintains close liaison with NAVAREA X Coordinator (Australia) for any MSI information impacting Papua New Guinea. There is no infrastructure to implement MSI in accordance with GMDSS Master Plan.

Currently coastal warnings are issued via email, the messages in structure of S-53.

b) Statistics on work of the National Coordinator

Notice to Mariners via [eNotices](#) of the AHO
Coastal Warning: 40

c) New infrastructure in accordance with GMDSS Master Plan

None

d) Challenges and achievements

A proposal to review of MSI service capabilities was initiated in 2020 under the Agency Support Arrangement (ASA) of the PNG-Australia Transport Sector Support Program ([TSSP](#)).

The ASA Activity Review of NMSA's current MSI Service capabilities, 2020-2022 was approved by the Australian High Commission in January 2021. The activity and budget will include engagement of subject matter experts from NAVAREA Coordinator (Australia) to review existing policies, procedures, roles and responsibilities.

5. 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 (alternatively, use the online system, reference B). Please indicate "no change" in Annex B if this is the case.

6. Capacity Building

The COVID-19 pandemic has impacted on the 2020 capacity building proposals. Several planned training activities could not be undertaken and have been carried over to 2021. These include;

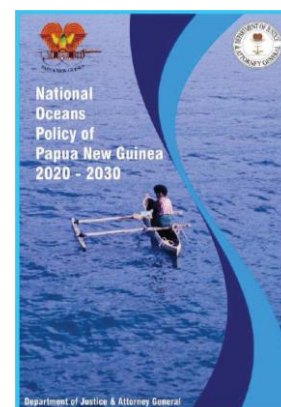
- In-house MSDI Group Training & Technical Review
- IALA Simplified Risk Assessment Training (SIRA) for 2 officers, Indonesia
- Training Placement for 2 officers to AHO

7. Oceanographic activities

None

8. Spatial data infrastructures

The need for a Marine Spatial Planning for PNG waters is articulated in PNG's National Oceans Policy 2019-2022, in line UN Shared Data Principles. With reference to Hydrography and Marine Spatial Planning as the keys to good governance of ocean, NMSA is in process of planning staff Training on MSDI and SOLAS obligations in 2021.



9. Innovation

None

10. Other activities

a) Participation in IHO meetings

Participated in the 1st SWPHC MSDIWG Virtual Meeting, 4 February 2021

b) Preparation for responses to disasters

In relation to SWPHC Disaster Response Framework, the national points of contact have been confirmed for NMSA and Department of Foreign Affairs & Trade and communicated to the SWPHC Secretariat.

11. Conclusions

The report indicates the activities for the period February 2020 to January 2021, most of which has been impacted by the current COVID-19 pandemic.

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

Papua New Guinea
National Maritime Safety Authority

"No change"

(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: Senior Hydrgrapher Name: Nicholas Pion P O Box 668, PORT MORESBY, NCD Tel: +675 321 1244 Fax: +675 321 0873 Email: hydro@nmsa.gov.pg
-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: Name: Postal address: Tel: Fax: Email:
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	hydro@nmsa.gov.pg
-Web site -site web -sitio web	http://nmsa.gov.pg/
Country information / Informations sur le pays/ Información sobre el país	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: 203 520 Date: 7 Nov 2019
-National day -Fête nationale -Fiesta nacional	16 th September
-Date of establishment and Relevant National Legislation -Date de mise en place et législation nationale pertinente -Fecha de constitución y	25 Nov 2003 National Maritime Safety Authority Act

legislación nacional 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 level parent organisation -Organisme mère -Organización asociada de nivel superior	Department of Transport
-Principal functions of the organisation or the department -Attribution principales de l'organisme ou du département -Principales funciones de la Organización o departamento	Maritime Safety, Search & Rescue and Marine Pollution Prevention
-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	Under bilateral arrangement with Australia
-Total number of paper charts published-Nombre total de cartes papier	Under bilateral arrangement with Australia

publiées-Número total de cartas de papel publicadas				
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	Under bilateral arrangement with Australia			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas	None			
-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: PAPUA NEW GUINEA

C-55 Summary for:				Comments on Charts:
Country:				
Country Iso Code:				
Country SubCode:	PG			
INT Region:				
Country/Depend:	L			
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

PAPUA NEW GUINEA
National Maritime Safety Authority

"No change"

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
National Maritime Safety Authority	+675 321 1244	+675 321 0873	hydro@nmsa.gov.pg

3. GMDSS Master Plan

None

[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

8. Other Activities

Nil

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.]