

**16TH MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC
COMMISSION (SWPHC16)
Alofi, Niue, 11 - 14 February 2019**

NATIONAL REPORT FROM PAPUA NEW GUINEA TO THE SWPHC16

Reference: IHO Resolution 2/1997 as amended

Executive summary

1. Hydrographic Office / Service:

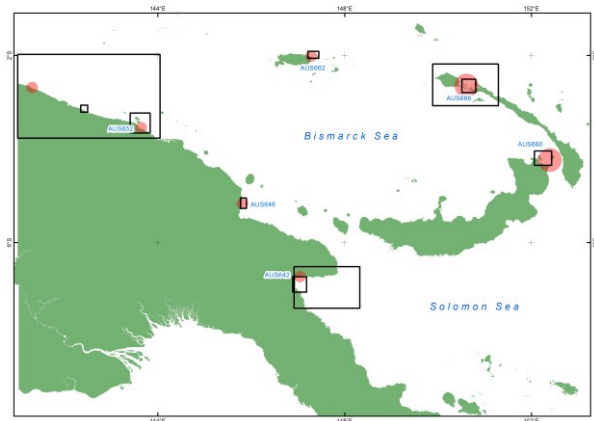
The National Maritime Safety Authority (NMSA), established under the NMSA Act, is responsible for regulating shipping, SAR coordination and maritime safety standards. The Hydrographic Unit of NMSA works in close cooperation with Australian Hydrographic Office, the Principle Charting Authority (PCA) for Papua New Guinea.

2. Surveys:

a) Coverage of new surveys:

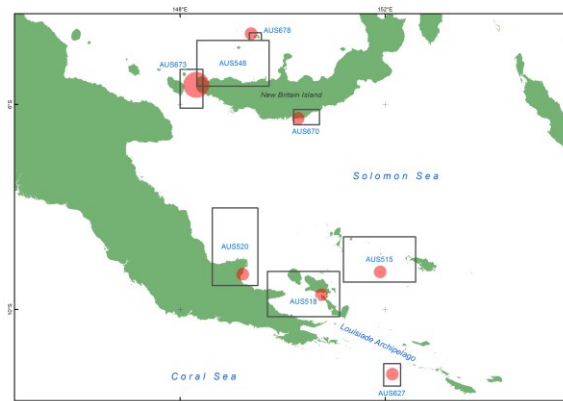
Hydroscheme of Australia (RAN)

- Lae and Madang (HS)
- Kavieng and Rabaul (LADS)
- Vanimo, Wewak and Manus (LADS)



ADB/NMSA Program – (Fugro)

- *North-East Coast – Louisiade Archipelago*
Collingwood Bay / Egum / Esa'ala / Jomard
- *New Britain Island*
Cape Gloucester / Kandrian / Linden / Vitu Island



3. New charts & updates:

a) ENC

The AusENC service of the Australian Hydrographic Office (AHO) includes a full portfolio covering Papua New Guinea, available in geographic pack CST17. Updates are published via a free fortnightly web-based service of the AHO.

Some recent new editions include:

Cell	Title	Date Published
AU5642P0	North East Coast – Huon Gulf – Lae	11-Jan-19
AU5637P1	Trobriand Islands – Kiriwina Is - Losuia	16-Aug-18
AU5621P0	PNG – South Coast – Port Moresby and Approaches	16-Aug-18
AU5680P1	Bismarck Sea – Simpson and Matupit Harbours	21-Sep-18
AU210140	AUS/PNG – Ward Hunt Strait to Torres Strait	07-Sep-18

b) ENC Distribution method

Australian distribution service and IC-ENC. For more information go to link below;

<http://hydro.gov.au/prodserv/digital/ausENC/enc.htm>

c) RNCs

No longer produced by PCA

d) INT charts

As published by PCA

e) National paper charts

Recognized paper charts are those produced by the PCA under the 'AUS' prefix.

New edition: *AUS 622 Port Moresby, Edition 3, released 30-Nov-2018*

Anticipate new updates of numerous cells and paper charts from ADB funded survey program;

670 New Britain – Linden/Gasmata

515 Egum Atoll

673 New Britain – Dampier Strait

518 Dawson Strait

678 Garove Island / Vitu

520 Collingwood Bay

f) Problems encountered

None

4. New publications & updates:

Tide Tables available under the Australian National Tide Tables (ANTT).

5. MSI

a) Coastal Warnings

As of August 2018, NMSA commenced issuing Coastal Warnings weekly via email. Message formats are according to MSC.1/Circ.1310/Rev.1. The following contacts in NAVAREA X also receive these warnings for appropriate action, if required:

- AMSA rccaus@amsa.gov.au
- AHO datacentre@hydro.gov.au

Work is in progress to update link below for coastal warnings;
<http://nmsa.gov.pg/notice-to-mariners/>

b) Notice to Mariners

All information submitted to AHO for NTM action, is through the following means:

- Hydrographic Notes
- Survey Summary
- Coastal Warning

Notice to Mariners are published via AHO fortnightly [eNotices](#) Service.

c) New infrastructure in accordance with GMDSS Master Plan

None

d) Problems encountered

None

6. C-55

Updated in consultation with PCA

7. Capacity Building

a) Training received

Type/personnel	Description	Sponsor
MSI Course (2)	SWPHC Regional Course hosted by New Zealand, Aug 18	IHO
Hydrographic Survey (1)	Hydro Survey Course, Japan Jul-Dec 18	JICA
On-board training (2)	Fugro Hydrographic Survey Vessel Mar-Jun 18	ADB/MWSP
On-board training (1)	Fugro Hydrodynamic Survey Vessel Sep-Oct 18	ADB/MWSP
Fugro Academy Online (1)	- Introduction to Tides - Single Beam Echosounder Calibration	ADB/MWSP

Technical Assistance Needed

Type	Justification
Overview of risk assessment methodologies	Vast sea area, 14 ports, transit shipping, increased cruise shipping
Spatial data management	Increase in data holding, improve support to PCA and MSI

b) Status ADB Maritime & Waterways Safety Project
(In progress, planned, under evaluation or study)

Hydrographic Surveys remaining	Nessup Channel, Siassi Islands
Hydrodynamic Study (3 sites)	In progress
Additional AtoN Installations	Scheduled to complete 2019
Capacity Building	Plans for capacity building in progress

8. Other Activities

a) Annual National Hydrographic Meeting

NMSA hosted the national hydrographic meeting in Aug 18, to discuss status of hydrographic activities and priority areas for consideration. Outcomes from these meetings considered in the Hydroscheme of the AHO.



Committee Meeting 28 Aug 2018

b) UN-GGIM Workshop / PGSC Meeting

NMSA participated in the fourth Pacific Geospatial & Surveying Council (PGSC) Meeting held on the 9th April 2018, Nuku'alofa, Tonga. The meeting also coincided with the *UN-GGIM International Workshop on Legal and Policy Frameworks for Geospatial Information Management*, from 10th – 13th April 2018.

c) 19th IALA Conference 2018

Papua New Guinea sent 3 participants to the IALA Conference, Republic of Korea.

9. Conclusions

a) Areas of significant achievement

Since SWPHC15, NMSA has improved in its MSI responsibilities, coordinating well with NAVAREA X coordinator (AMSA) and the Australian Hydrographic Office (AHO).

b) Areas of particular concern

Collaboration with other national agencies remains a challenge, especially on the importance of reporting MSI and hydrographic surveys conducted for other purposes.

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

No change

Input to the IHO Publication C55 (*Status of Hydrographic Surveying and Charting Worldwide*)

No change

National MSI Self-Assessment

PAPUA NEW GUINEA
National Maritime Safety Authority

1. Maritime area

Wutung in the northern mainland coast to,
 00° 00 S 141° 00 E 00° 00 S 160° 00 E
 05° 00 S 160° 00 E 05° 00 S 158° 00 E
 07° 00 S 155° 00 E 12° 00 S 155° 00 E
 12° 00 S 144° 00 E 09° 00 S 144° 00 E
 09° 36 S 141° 00 E,
 thence to Bensbach, on the south coast of mainland new guinea.

2. Operational Points of Contact for the National Coordinator

Institution	Telephone	Facsimile	Email
PNGMRCC	+675 321 2969 +675 7351 7071	+675 321 0873 +675 321 0484	PNGMRCC@nmsa.gov.pg

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

2017		2018		2019	
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:

None

5. Operational Issues:

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

6. Contingency Planning

None

7. Training received

Two participants (Hydrography & SAR Coordinator) attended the SWPHC Capacity Building IHO Maritime Safety Information Course, Wellington, New Zealand, 6th – 10th August 2018.

**8. Other Activities**

Installation of 7 VHF DSC Coast Stations in 2018 has been delayed due to a new revised national government policy on finance management. Installations works planned for 2019.

9. National Maritime Website

<http://nmsa.gov.pg/>

10. Recommendations

None

11. Summary

As of August 2018, NMSA commenced issuing weekly coastal warnings via email. Message formats are according to Joint MSI Manual on MSI. The recent SWPHC/IHO CB MSI course conducted in New Zealand was very useful to better understanding of the responsibilities of a national coordinator.