

**19TH MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC
COMMISSION (SWPHC19)
VTC, 23-25 February 2022**

**NATIONAL REPORT FROM
THE GOVERNMENT OF THE INDEPENDENT STATE OF SAMOA
TO THE SWPHC19**

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

1. Hydrographic Office / Service:

- a) Name of the institution: *Ministry of Works, Transport, and Infrastructure (MWTI)*
- b) Description: *The MWTI is the Maritime Administration for the Independent State of Samoa, having legal mandate and oversight of all maritime activities in Samoa pursuant to the Ministry of Works Act 2002 and the Shipping Act 1998. Samoa's national hydrographer is the Secretary for Transport who is mandated by law as the Maritime Administrator. All hydrographic matters are referred to the Secretary for Transport.*
- c) Submitted by *via email to the Secretariat of the South West Pacific Hydrographic Commission*

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.

2. Surveys:

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

- a) Coverage of new surveys: *No change to the previous report*
- b) New technologies and /or equipment: *Nil*
- c) New ships: *Nil*
- d) Crowdsourced and satellite-derived bathymetry - national policy: *Nil*
- e) Challenges and achievements: *Similar challenges as per previous report. An achievement was the establishment of four (4) ENC's for Samoa by LINZ and yet they continue to update Samoa's navigational charts and produce more ENC's with the data of the Hydrography survey completed in 2019*

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

3. New charts & updates: *please refer number 2(e) above*

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

- a) ENC coverage, gaps, and overlaps: *LINZ as Samoa's Principal Charting Authority will identify gaps and overlaps*
- b) ENC distribution method: *via Retailers and LINZ website*
- c) RNCs: *None were issued.*
- d) INT charts: *No charts were issued.*
- e) National paper charts: *charts are provided by LINZ given their resources and capacity to obtain data and develop charts*
- f) Other charts, e.g. for pleasure craft: *No other charts have been issued to date.*
- g) Challenges and achievements: *Similar to previous report*

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

4. New publications & updates:

[Describe any significant developments since the last SWPHC meeting in nautical publications related to the items below]

- a) New Publications: *no new publications to date*
- b) Updated publications: *Nil*
- c) Means of delivery, e.g. paper, digital: *Digital publication is not yet available. Charts on paper are commonly used.*
- d) Challenges and achievements: *Limited skills and capacity in nautical publication.*

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.

5. MSI

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

- a) Existing infrastructure for MSI dissemination: *Maritime Stakeholders in the country submit relevant information to the MWTL, the official point of contact for MSI for dissemination of such data to interested parties via H-notes to NAVAREA XIV and coastal nav warnings*
- b) Statistics on work of the National Coordinator: *MSI continues to liaise with RCCNZ and LINZ on submission of H-Notes of any changes in AtoN or hazards discovered within Samoa's navigable waters.*
- c) New infrastructure in accordance with GMDSS Master Plan: *Not available*
- d) Challenges and achievements: *Need to study similar jurisdictions having an infrastructure for dissemination of MSI, as well as obtaining the right capacity to develop new infrastructure in accordance with the GMDSS Master Plan. Public awareness on MSI is key to driving the setup of an infrastructure for MSI.*

Detailed information about MSI to 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.

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 (alternatively, use the online system, reference B). Please indicate "no change" in Annex B if this is the case. *No changes to the last report.*

Please provide a table of navigationally significant areas (e.g., Charted traffic separation schemes, anchorages and channels) within your area of jurisdiction. Please reference geographical locations as per largest scale chart. This information will be used to derive an estimate % figure for the Region. Examples are provided in the table below.

Ref. IHO Strategic Plan, Goal 1, Target 1.2, SPI 1.2.2.

Navigationally significant area	Location	Chart
<i>Anchorage 1 – 2 (eastern & western side of Pilot Station)</i>	<i>Apia Harbour</i>	<i>NZ 8655</i>
<i>Main channel, preferred route</i>	<i>Apia Harbour</i>	<i>NZ 8655</i>
<i>Main channel, preferred route</i>	<i>Salelologa Harbour</i>	<i>NZ864501</i>
<i>Main channel, preferred route</i>	<i>Mulifanua Harbour</i>	<i>NZ864502</i>
<i>Main channel, preferred route</i>	<i>Asau Harbour</i>	<i>NZ1414</i>

7. Capacity Building

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

- a) Offer of and/or demand for Capacity Building: *There is a need for MSI Training and ENC's software programs*
- b) Training received, needed, offered: *There needs to be more training and development initiatives in hydrographic matters particularly, insight into the IHO Convention, the technical requirements, etc.*
- c) Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study): *No change since the previous report*
- d) Description of proposals and requests to the IHO/CBSC: *Training and development opportunities in the form of internships, secondments, scheduled training components throughout the year, organise in-country trainings for wider awareness of stakeholders – cost effective option given that with national in-country trainings, more officials from relevant agencies can attend.*

8. Oceanographic activities

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

- a) General: *Not Available*
- b) GEBCO/IBC's activities, GEBCO Seabed 2030 activities: *Not Available*
- c) Tide gauge network: *In progress*
- d) New equipment: *None*
- e) Challenges and achievements: *Similar to previous report*

9. Spatial data infrastructures

- a) Status of MSDI – *Not yet establish*
- b) Relationship with the NSDI
- c) Involvement in regional or global MSDI efforts

- d) National implementation of the Shared Data Principles – including any national data policy and impact on marine data.
- e) MSDI national portal
- f) Best practices and lessons learned
- g) Challenges and achievements

10. Innovation

- a) Use of new technologies: *Not Available*
- b) Risk assessment:
- c) Policy matters

11. Other activities

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

- a) Participation in IHO meetings: *Samoa is willing to attend future IHO Assembly if conducted virtually, however if they may be conducted face to face in the future then there may not be representation due to no funding availability.*
- b) Meteorological data collection: *No changes to the information provided in earlier national report.*
- c) Geospatial studies: *None*
- d) Preparation for responses to disasters: *The Disaster and Emergency Management Act 2007 is the legal framework to coordinate national responses to disasters. The Ministry is a member of the Disaster Advisory Council that meets to plan, lead, coordinate, manage and oversee any responses to a disaster.*
- e) Environmental protection: *No changes from the earlier report except for the oil spill response equipment which was funded by the Maritime New Zealand under the PMSP Project and had been received in January 2021.*
- f) Engagement with the Maritime Administration: *For Samoa, the Maritime Administration is tasked with hydrographic matters. There is no separate entity managing hydrography.*
- g) Aids to Navigation matters: *The Pacific Safety of Navigation project led by the Secretariat of the Pacific Community (SPC) continues to work with Samoa Maritime Administration on improvement of aids to navigation matters. Maintenance plan and budget plan as well as Level of Service for the sole international port of Apia had already been established with the help of SPC at beginning of 2021. Furthermore, the SPC also assisted in drafting AtoN Regulation for Samoa commencing September 2021*
- h) Magnetic and gravity surveys: *Not Available*
- i) International engagements: *There has been no significant engagement on an international level in respect of hydrography.*
- j) Others: *None*

12. 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 SWPHC]*

No changes to the last report.

Input to the IHO Publication P-5 (*Yearbook*)Country: **SAMOA**Organization: **Ministry of Works, Transport, and Infrastructure**

(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: <i>Chief Executive Officer/Secretary for Transport</i> Name: <i>Magele Hoe Viali</i> Postal address: <i>Private Bag</i> Tel: <i>21611</i> Fax: Email: <i>hoe.viali@mwti.gov.ws</i>
-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: <i>NONE</i> Name: Postal address: Tel: Fax: Email:
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	<i>No Change</i>
-Web site -site web -sitio web	<i>No Change</i>
Country information / Informations sur le pays/ Información sobre el país	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: <i>No Change</i> 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	
-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	
-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	
-Total number of paper charts published-Nombre total de cartes papier	

publiées-Número total de cartas de papel publicadas				
-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: **SAMOA**

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

C-55 Summary for:				Comments on Charts: <i>LINZ is currently updating Samoa's nav charts with the data of the hydrography survey completed in 2019</i>
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: **SAMOA**Organization: **Ministry of Works, Transport and Infrastructure**

(Please provide the information in English)

1. Maritime area

No changes to the information submitted in the last SWPHC meeting.

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Ministry of Works, Transport and Infrastructure	+68521611	+68521990	sonny.brown@mwti.gov.ws makerita.atonio@mwti.gov.ws

3. GMDSS Master Plan

*No plan in place. The last update was at the SWPHC17**[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.] No change to the information provided in the earlier report*5. Operational Issues: *No change to the information in the earlier report*

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

6. Contingency Planning *No change to the information provided earlier*

[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 *No change to the information provided earlier*

[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 *No change to the information provided earlier*

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

9. National Maritime Website *The maritime information for Samoa is posted on the Ministry website which is <https://www.mwti.gov.ws> There is no single and specific website for national maritime information.*

[(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

Similar recommendations provided in earlier report

11. Summary

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

Understanding hydrography and its contribution, relevance to the safety of navigation is critical. As such, there is a high demand for trainings.