**20TH MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC COMMISSION (SWPHC20)**

**22-24 February 2023, Wellighton, New Zealand**

**NATIONAL REPORT FROM INDEPENDENT STATES OF SAMOA TO THE SWPHC20**

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://iho.int/uploads/user/circular_letters/eng_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)

1. IHO Strategic Plan: [link](https://iho.int/en/iho-strategic-plan-and-work-programme)
2. IHO IRCC CL 01/2021 IHO Strategic Plan for 2021-2026 – Procedure for measuring the Strategic Performance Indicator (SPI) allocated to IRCC: [link](https://iho.int/uploads/user/Inter-Regional%20Coordination/IRCC/IRCC_Letters/IRCC_Letter_2021_01_SPI.pdf)

**Executive summary**

1. Hydrographic Office / Service: Ministry of Transport, Works and Infrstrucutre/Maritime Division.
2. Name of the institution: *Ministry of Transport, Works and Infrastruture*
3. Description: *The MWTI/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*
4. Submitted by: *the Sectarial of South West Pacific Hydrographic Commsion via email.*

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:

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

1. Coverage of new surveys: *Nil*
2. New technologies and /or equipment: *Nil*
3. New ships: *2 New Ships-Tug boat (SPA) & Passenger Vessels (SSC)*
4. Crowdsourced and satellite-derived bathymetry - national policy: *Nil*
5. Challenges and achievements: *No expertise with hydrographic technical knowledge and skills and equipments. The achievement was continuing the progress of (4) four ENC’s for Samoa by the LINZ and updating navigational charts and produces more ENC’s with data of hydrographic survey in 2022.*

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.

1. New charts & updates:

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

1. ENC coverage, gaps and overlaps: refer to number (e)
2. ENC distribution method: *LINZ in relation to Samoa Maritime Administration Authority charting will identify gaps and overlaps*
3. RNCs: *Via retailer and LINZ Website*
4. INT charts: *Nil*
5. National paper charts: *the charts were provided by the LINZ and monitor data and develop charts.*
6. Other charts: *Savaii Asau harbour chart has been submitted by LINZ*
7. Challenges and achievements: *similar to the 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.

1. New publications & updates:

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

1. New Publications: *Nil*
2. Updated publications: *Nil*
3. Means of delivery, e.g. paper, digital: *Commonly used chart paper and digital*
4. Challenges and achievements: *limited skills and capcity 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.

1. MSI

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

1. Existing infrastructure for MSI dissemination: *Maritime Stakeholders in the country submit relevant information to the MWTI, 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*
2. 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*
3. New infrastructure in accordance with GMDSS Master Plan: Not available
4. Challenges and achievements: *Need more training 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.

1. 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.

|  |  |  |
| --- | --- | --- |
| **Navigationally significant area** | **Location** | **Chart** |
| ***Aploima Island Channel***  | ***Aploima Strait***  | ***WS 213*** |
| ***South West Asa’u Channel***  | ***Asau harbour***  | ***WS 212*** |
| ***Main channel, preferred route*** | ***Plans in Samoa***  | ***WS 412*** |
| … | … | … |

1. Capacity Building

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

1. Offer of and/or demand for Capacity Building: *There is a need for MSI Training and ENCs software programs*
2. Training received, needed, offered: *Need more training and development initiatives in hydrographic matters particularly, insight into the IHO Convention, the technical requirements, etc.*
3. Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study): *No change from the last report.*
4. 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.*

1. Oceanographic activities

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

1. General: *Not available*
2. GEBCO & Seabed 2030: *Not available*
3. Crowdsourced Bathymetry Activities: *Not available*
4. Tide gauge network: *Not available*
5. New equipment: *None*
6. Challenges and achievements: *Similar from the previous report*
7. Spatial data infrastructures
8. Status of MSDI: *Not yet establish*
9. Relationship with the NSDI: *Not yet establish*
10. Involvement in regional or global MSDI efforts: *Nil*
11. National implementation of the [UN Statement of Shared Guiding Principles for Geospatial Information Management](https://ggim.un.org/meetings/GGIM-committee/documents/GGIM5/statement%20of%20shared%20guiding%20principles%20flyer.pdf) – including any national data policy and impact on marine data. Ref: IHO Strategic Plan, Goal 2, Target 2.3, SPI 2.3.1 Number of HOs reporting success applying the principles in their national contexts.
12. MSDI national portal: Not yet establish
13. Best practices and lessons learned
14. Challenges and achievements*: similar to the previous report*
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: *Samoa is interest to attend future IHO Assembly if conducted virtually, however if the meeting conducted face to face, Samoa can only paticiapate if the IHO meeting is fully fund*
2. Meteorological data collection: *No changes to the information provided in earlier national report.*:
3. Geospatial studies: Waiting for opportunity, if given
4. 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.*
5. 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. Also, Marine pollution training conduted by the Maritime New Zealand in January 2023.*
6. Engagement with the Maritime Administration: *There is no separate entity managing hydrography. However, Samoa Maritime Administration is tasked with hydrographic matters.*
7. Aids to Navigation matters: *We have incident of the Samoa Police Patrol boat that run aground at Salelologa channel on 5th August 2021* *and the Captain blame the navigation lights in the channel.*
8. Magnetic and gravity surveys: *Not yet establish*
9. International engagements: Samoa has worked closely to SPC, IMO, LINZ and New Zealand Maritime for Hydrographic development.
10. Others: *Enhance and promoting the development of Hydrographic program in Maritme Stakeholders.*
11. Conclusions

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

1. *Areas of significant achievement: From the assistant of the LINZ in updated of Samoa marine environment hydrographic charts has successfully help our domestic and international vessels safety navigation.*
2. *Areas of particular concern: the international Matautu wharf(port) in Apia identified accumulated of foreign sedimentation underneath the wharf due to two riverbanks flooded in bad weather condition and caused decreased of vessels draft especially the Passengers vessels. Also, the ocean floor rock across Asau harbour costal area was the major problem hinder to the arrival and departure of vessels. Therefore, we need hydrographic surveyor expertise to conduct feasibility study.*

1. *Any other matters of interest to the SWPHC*. *Upgrading hydrographic program in the Maritime Stakeholders and Maritime Adminsitration. Also, involve in hydrographic working groups for development of Samoa hydrographic team in the near future.*

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

*Country: SAMOA*

*Organization: Minsitry of Works, Transport & 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: Chgief Excecutive Officer /Secretary for Transport Name: Fui Tupai Mau Simanu Postal address: TATTE Buidling level 4. Private Bag Tel:(685)21611 Fax:Email: Mau.Simanu@mwti.gov.ws  |
| -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: None Name: Postal address:Fax:Email: sonny.brown@mwti.gov.ws  |
| -Other point(s) of contact-Autre(s) point(s) de contact-Otros punto(s) de contacto |  No Change  |
| -Web site-site web-sitio web |  No Change  |
| **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 |   |
| -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 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-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:** |
| Country: |   |  LINZ is currently updating Samoa’s nav charts with the data of the hydrography survey completed in 2019 |
| 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: Samoa*

*Organization: Minsistry of Transport, Works and Infrastructure*

(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** |
| Ministry of Works, Transports and Infrastruture  | 68521611  | 68521990  | Sonny.brown@mwti.gov.ws  |

1. GMDSS Master Plan

*No plan in place. The last update was at the SWPHC17*

*[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 |

1. 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

1. Operational Issues: *No change to the information in the earlier report*

*[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: No change to the information provides earlier

*[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: No Change to the information provide earlier

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

1. National Maritime Website: The maritime information for Samoa is posted on the Ministry website which is https://www.mwti.gov.ws

*[(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

 To offer the MSI and other Hydrographic training virtually or physically in Samoa that will helps building capacity to Maritime Stakeholders ae well as the Ministry of Transports, Works and Infrstruture Maritime Division. Also, share relevant euipments to upgrade safety of navigation.

1. Summary

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

Hydrographic program plays an important role in the safety navigation of vessels around the world and about 95% of imports and exports consider the expertise that will help Samoa in safety navigation. High demand of Hydrographic training are the key aspects that help repair and maintenance work and enhance navigation for arrival and departure of any vessels globally.