

**20<sup>TH</sup> MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC  
COMMISSION (SWPHC20)  
22-24 February 2023, Wellington, New Zealand**

**NATIONAL REPORT FROM SOLOMON ISLANDS TO THE SWPHC20**

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](#)
- C. IHO Strategic Plan: [link](#)
- D. IHO IRCC CL 01/2021 IHO Strategic Plan for 2021-2026 – Procedure for measuring the Strategic Performance Indicator (SPI) allocated to IRCC: [link](#)

**Executive summary**

1. Hydrographic Office / Service:
  - a) Name of the institution: *Solomon Islands Maritime Safety Authority, Department of Environment Protection and Safety, Safety of Navigation.*
  - b) Description: *The Solomon Islands Maritime Authority (SIMA) is the maritime Administration assuming all International, Regional and National Obligations for Solomon Islands. SIMA has the responsibility of Hydrography as per SIMA Act 2018.*
  - c) Submitted by: *Clifford Olisukulu (clifford.olisukulu@sima.gov.sb)*

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: *A Detail survey of Tanameko Bay in Santa Isabel and the Honiara Port Survey under the JICA/SIMA Project.*
  - b) New technologies and /or equipment: *Some new hydrographic surveying equipments were procured under the JICA/SIMA Project which will later be handed over to SIMA at the end of the Project in March 2025.*
  - c) New ships: *The SIMA Boat with a 2 x 115HP OBM has been launched following support through the JICA/SIMA Project.*
  - d) Crowdsourced and satellite-derived bathymetry - national policy
  - e) Challenges and achievements:

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:

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

- a) ENC coverage, gaps and overlaps: *Noro Port, SB5102P3 11<sup>th</sup> Nov 2022.*
- b) ENC distribution method: *Arrangements with AHO through its overseas networks*
- c) RNCs
- d) INT charts
- e) National paper charts: *Noro Port, SLB 102P3 Nov 2022, Arrangements with AHO.*
- f) Other charts, e.g. for pleasure craft
- g) Challenges and achievements

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: *Publication of Solomon Islands National Tide Tables (SINTT) 2023 by AHO.*
- b) Updated publications
- c) Means of delivery, e.g. paper, digital: *Delivered in Printed Hard Copies*
- d) 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.

#### 5. MSI

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

- a) Existing infrastructure for MSI dissemination: *SIMA has the capability to collect, compile and disseminate MSI. However, still needs Capacity Building in MSI Management.*
- b) Statistics on work of the National Coordinator: *Several Notices to Mariners and 2 H-Notes were issued and broadcasted through MRCC with copies submitted to AHO DataCentre for Weekly Notices updates.*
- c) New infrastructure in accordance with GMDSS Master Plan: *None.*
- d) Challenges and achievements

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.

## 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 still demand for Capacity Building in the Development of QMS Procedures including for the conduct of Hydrographic Surveys (Preparations, delivery and Reports, Hydrographic Instructions to Surveys), MSI Management.*
- b) Training received, needed, offered: *On-line trainings on MSI (Notices to Mariners and H-Notes) was provided by SPC. However, there is a need for trainings in surveying softwares, chart compilation softwares eg.; CARIS, dKart etc.. and awareness programmes in MSDI.*
- c) Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study): *Under the JICA/SIMA Project, survey work of the Honiara Port will be completed by mid this year followed by paper chart Production and ENC for Honiara Port. Noro Port and surrounding areas to be carried out towards the 4<sup>th</sup> Quarter of this year.*
- d) Description of proposals and requests to the IHO CBSC

## 8. Oceanographic activities

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

- a) General
- b) GEBCO & Seabed 2030
- c) Crowdsourced Bathymetry Activities
- d) Tide gauge network: *Three Tidal Stations established in the country and managed by the Australian Government Bureau of Meteorology.*
- e) New equipment: *Under the JICA/SIMA Project, few specialized hydrographic surveying equipments had been procured.*
- f) Challenges and achievements

## 9. Spatial data infrastructures

- a) Status of MSDI
- b) Relationship with the NSDI
- c) Involvement in regional or global MSDI efforts
- d) National implementation of the [UN Statement of Shared Guiding Principles for Geospatial Information Management](#) – 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.
- e) MSDI national portal
- f) Best practices and lessons learned
- g) Challenges and achievements

## 10. Innovation

- a) Use of new technologies
- 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
- b) Meteorological data collection
- c) Geospatial studies
- d) Preparation for responses to disasters: *SIMA needs support in this area.*
- e) Environmental protection: *SIMA has integrated Environment Protection in its Organisational Structure and has recruited staff with knowledge and skill in Environment.*
- f) Engagement with the Maritime Administration
- g) Aids to Navigation matters: *SIMA has commenced introducing the STAR 2M Remote System using SIM Cards installation on Lighthouses covered under the SI Telekom Network.*
- h) Magnetic and gravity surveys: *SIMA does not have the capability to carryout such surveys.*
- i) International engagements
- j) Others

## 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]*

Input to the IHO Publication P-5 (*Yearbook*)Country: *SOLOMON ISLANDS*Organization: *Solomon Islands Maritime Authority*

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

<b>Contact information/ Informations de contact / Información de contacto</b>	
-National Hydrographer or equivalent -Directeur du service hydrographique ou équivalent -Director del Servicio Hidrográfico o equivalente	Post: <i>Principal Officer, Safety of Navigation</i> Name: <i>Clifford Olisukulu</i> Postal address: <i>Solomon Islands Maritime Authority, P.O. Box 1932, Honiara, Solomon Islands.</i> Tel: <i>(677) 21535 Ext 223</i> Fax: Email: <i>clifford.olisukulu@sima.gov.sb</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: Name: Postal address: Tel: Fax: Email:
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	<i>Director SIMA</i> <i>Mr Thierry Nervale</i>
-Web site -site web -sitio web	<i>www.sima.gov.sb</i>
<b>Country information / Informations sur le pays/ Información sobre el país</b>	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: <i>74,958.02</i> Date: <i>01<sup>st</sup> January 2023</i>
-National day -Fête nationale -Fiesta nacional	<i>07<sup>th</sup> July – Independence Day</i>
-Date of establishment and Relevant National Legislation -Date de mise en place et législation nationale pertinente -Fecha de constitución y	<i>01st January 2021, SIMA Act 2018</i>

legislación nacional pertinente	
-Date first joined IHO -Date d'adhésion à l'OHI -Fecha de adhesión a la OHI	<i>15th July 2019</i>
-Date ratification Convention -Date de ratification de la Convention -Fecha de ratificación de la Convención	<i>15th February 2020</i>
-Remarks on membership -Remarques sur l'adhésion -Comentarios sobre la adhesión	
<b>Agency information/ Information sur l'agence/ Información sobre la agencia</b>	
-Top level parent organisation -Organisme mère -Organización asociada de nivel superior	<i>SIMA is an independent authority with its own Board of Management under the Ministry of Infrastructure Development (MID)</i>
-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	<i>4</i>
-Number of INT charts published -Nombres de cartes INT publiées -Número de cartas INT publicadas	<i>Arrangements with AHS</i>
-Total number of paper charts published-Nombre total de cartes papier	<i>Arrangements with AHS – 15 Paper Charts (SLB)</i>

publiées-Número total de cartas de papel publicadas				
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	<i>Arrangements with AHS – 41 ENC Cells</i>			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas				
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas	<i>Arrangements with AHS – Solomon Islands National Tide Tables (SINTT)</i>			
-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: *SOLOMON ISLANDS*

(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:	<i>SB-SLB - 090</i>			
Country SubCode:				
INT Region:				
Country/Depend:				
Last updated:				
Provided by:				
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys:
INT	100	100	100	
RNC	100	100	100	
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	<i>Y</i>	<i>Issued by SI Meteorological Services or National Disaster Management Office (NDMO) locally and is broadcasted by MRCC</i>
Coastal warning	<i>Y</i>	<i>Broadcasted by MRCC</i>
Nav warning	<i>Y</i>	<i>Broadcasted by MRCC</i>
Port warning	<i>Y</i>	<i>Issued by SIPA and broadcasted by MRCC</i>
GMDSS	Y/N	Comments on GMDSS:
Master Plan		<i>MRCC has a Plan in Place and currently yet to be fully developed.</i>
Area A1	<i>Y</i>	<i>MRCC</i>
Area A2	<i>Y</i>	<i>MRCC</i>
Area A3	<i>Y</i>	<i>MRCC</i>
NAVTEX		

SafetyNet		
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## National MSI Self-Assessment

Country: *SOLOMON ISLANDS*Organization: *Solomon Islands Maritime Authority*

(Please provide the information in English)

## 1. Maritime area

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

## 2. Operational Points of Contact for the National Coordinator

<b>INSTITUTION</b>	<b>TELEPHONE</b>	<b>FACSIMILE</b>	<b>EMAIL</b>
<i>Maritime Rescue Cordination Center MRCC</i>	<i>+677 21609 +677 27685</i>		<i>mrcc@solomon.com.sb</i>

## 3. GMDSS Master Plan

*[Report on the status of the GMDSS Master Plan: Is it up to date? When was the last update?]  
(No update)**[Specifics of equipment used and software version with date up-dated]*

<b>Equipment Type for Ports and Local Area</b>	<b>Software Version</b>	<b>Date of Up-date</b>
<i>Non-Functional and still waiting for New Installation</i>		

*[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]:*

<b>Year Y-2</b>		<b>Year Y-1</b>		<b>Year Y</b>	
<b>Total</b>	<b>Average elapsed time</b>	<b>Total</b>	<b>Average elapsed time</b>	<b>Total</b>	<b>Average elapsed time</b>
<i>xx</i>	<i>05 Mins</i>	<i>xx</i>	<i>05 Mins</i>	<i>xx</i>	<i>05 Mins</i>

## 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?] Some new Staff had now been recruited to maintain 24/7 presence at the MRCC to be able to sustain long SAR and Marine Pollution Operations. However, this will still require significant budgetary support for a small Administration with wide Maritime responsibilities for unplanned activities.*

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] The National Oil Spill Contingency Plan (NATPLAN) is in place in case of Marine Pollution under the Shipping (Marine Pollution) Regulations 201. The National SAR Plan is implemented for any SAR activities although still needs to be finalized and approved.*

7. Capacity Building

*[Demands for Capacity Building, Training requested or received, any offered, status of national, bilateral, multilateral or regional development projects with MSI component] See request for Capacity Building activities in the Report.*

8. Other Activities

*[Participation in other IHO or IMO Working Groups, Regional Hydrographic Commissions, regional conferences related to MSI over past year] Regular participation at the SWPHC meetings and On-line MSI Trainings provided by SPC.*

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?) [www.sima.gov.sb](http://www.sima.gov.sb)*

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.]*