

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

NATIONAL REPORT FROM SOLOMON ISLANDS 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](#)
- 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 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 the 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: *No new surveys were carried out in 2021*
- b) New technologies and /or equipment: *No new technologies or equipment were acquired*
- c) New ships: *No new ships*
- d) Crowdsourced and satellite-derived bathymetry - national policy: *No national policy as yet*
- e) Challenges and achievements: *The main challenge now is for the team to move forward in executing at least two field surveys in a year. With a budget allocation in place for its manpower and planned work activities, it is anticipated that work will commence this year.*

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: *Bina Harbour, SB 5104P6 (27th May 21)*
- b) ENC distribution method: *Arrangements with AHS through its overseas networks*
- c) RNCs
- d) INT charts
- e) National paper charts
- 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) 2022 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 limited capability to collect, compile and disseminate MSI. Needs Capacity Building in MSI Management.*
- b) Statistics on work of the National Coordinator: *National MSI Coordinator has been appointed and for the past year a number of Notices to Mariners were issued for Broadcasting through MRCC with copies sent to AHO for Weekly Notice updates.*
- c) New infrastructure in accordance with GMDSS Master Plan: *None*
- d) Challenges and achievements: *The development and adoption of processes for MSI collection and dissemination including the functions of a National MSI Coordinator. SIMA has developed its QMS Procedures for MSI with the support from AHO.*

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.

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 to 11</i>	<i>Hauraki Gulf, Auckland</i>	<i>NZ 532</i>
<i>Rangitoto Channel</i>	<i>Hauraki Gulf, Auckland</i>	<i>NZ 532</i>
<i>Main channel, preferred route</i>	<i>Wellington Harbour</i>	<i>NZ 4634</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 demand for Capacity Building in Development of QMS Procedures including for the Conduct of Hydrographic Surveys (Preparations, delivery and Report, Hydrographic Instructions to Surveys), MSI Management.*
- b) Training received, needed, offered: *No trainings were received during the year. However, trainings in multi-beam surveys, surveying softwares, chart compilation softwares eg:, CARIS, dKart etc..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): *There is preparations underway for a project with JICA to conduct Hydrographic Surveys for the International Ports of Honiara and Noro later this year 2022.*
- 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: *While we have no Tide Gauge Network internally, there are three (3) Tidal Gauge Stations Established some years ago and are owned by Foreign Governments including the Australian Bureau of Meteorology.*
- e) New equipment
- 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: *Did not participate in any IHO Meetings during the Reporting period*
- b) Meteorological data collection: *The Ministry of Environment, Conservation & Meteorology is the responsible body*
- 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 skills and knowledge in Environment.*
- f) Engagement with the Maritime Administration
- g) Aids to Navigation matters – *See above*
- h) Magnetic and gravity surveys: *SIMA does not have the capability to undertake 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]: SWPHC with PCA's to support small islands developing states wherever possible to assist in hydrography and assist in-country in developing processes and procedures to improve the safety of navigation activities.*

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)

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>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: <i>(677)</i> Email: <i>clifford.olisukulu@sim.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: <i>(As above)</i> 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>
Country information / Informations sur le pays/ Información sobre el país	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: <i>102,698.8</i> Date: <i>December 2021</i>
-National day -Fête nationale -Fiesta nacional	<i>07th 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	
Agency information/ Information sur l'agence/ Información sobre la agencia	
-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	<ul style="list-style-type: none"> • <i>Hydroscheme</i> • <i>Hydrographic Surveys</i> • <i>Depository of Hydrographic Records</i> • <i>Issue Hydrographic Data and MSI, Issue of Local NtoMs to AHS for weekly NMs Publications.</i>
-Annual operating budget -Budget annuel -presupuesto anual	<i>TBC</i>
-Total number of staff employed -Effectifs totaux -Número total de personal empleado	<i>3</i>
-Number of INT charts published -Nombres de cartes INT publiées -Número de cartas INT publicadas	<i>Arrangement 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	Y	<i>Issued by SI Meteorological Services or National Disaster Management Office (NDMO) locally and is broadcasted by MRCC</i>
Coastal warning	Y	<i>Broadcasted by MRCC</i>
Nav warning	Y	<i>Broadcasted by MRCC</i>
Port warning	Y	<i>Issued by SIPA and broadcasting 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	Y	<i>MRCC</i>
Area A2	Y	<i>MRCC</i>
Area A3	Y	<i>MRCC</i>
NAVTEX	N	

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]

The Solomon Islands Search & Rescue Region is bounded by the geographical coordinates:- 14Deg S 157Deg E, 12Deg S 165deg E, 12deg 30'S 174deg 10'E, 14deg S 161deg 15'E, 14deg S 155deg E, 12deg 155deg E, 10deg S 170deg E, 12deg 30'S 171deg 10'E, 04deg 50'S 160deg E, 10deg S 170deg E, 04deg 50'E 160deg E, 04deg 50'S 160deg E, 07deg 25'S 155deg E, 14deg S 155deg E. Maritime SAR services are provided by the Maritime Rescue Coordination Centre (MRCC).

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
<i>Maritime Rescue Cordination Center (MRCC)</i>	<i>+677 21609 +677 27685</i>	<i>+ 677</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?]**[Specifics of equipment used and software version with date up-dated]*

Equipment Type for Ports and Local Area	Software Version	Date of Up-date
<i>BARRET 2050 Advanced HF SSB Transciever</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]:

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?] A good number of sufficient Staff needs to be recruited to maintain 24/7 presence at the MRCC for now to be able to sustain long SAR and marine pollution operations. However, this requires 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 2011. The National SAR Plan is implemented for any SAR activities although still needs to be finalised 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 above 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.

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)]

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.]

The upgrade of radio-communication and systems to track vessels and conduct Safety of Navigation activities within Solomon Islands Waters is an imperative to boost the delivery of Obligations as a coastal State together with proper Staffing for 24/7 response capability.