

**17TH MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC
COMMISSION (SWPHC17)
Wollongong, 12-14 February 2020**

NATIONAL REPORTS FROM SOLOMON ISLANDS TO THE SWPHC17

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: *Solomon Islands Hydrographic Unit (SIHU)*
- b) Description: *A unit within the Solomon Islands Maritime safety Administration (SIMSA) of the Government Ministry of Infrastructure Development. The purpose of SIHU is to be the national agency for hydrography within the Solomon Islands Government and specifically to discharge the nation's responsibilities under SOLAS and in particular SOLAS Chapter V Regulation 9.*

Responsibilities are:

1. MSI;

To be the national focal point for all MSI data

- *To assess and disseminate MSI as required by the WWNWS, GMDSS and national information systems including Notice to Mariners*
- *To assess and disseminate MSI to foreign hydrographic offices producing navigational charts and publications of Solomon islands waters;*
- *To maintain an archive of all MSI data including source, assessment, and why, when and how cancelled.*

2. Hydrographic Surveys

- *Carryout hydrographic surveys to IHO Orders of Survey*
- *Propose and monitor surveys conducted by external agencies*
- *Forward hydrographic data to Primary Charting Authority*
- *Archive hydrographic data*

3. Advice on location and type of Aids to Navigation for Solomon Islands

- c) Submitted by: *Tony Hanuagi <THanuagi@mid.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:

There are no significant developments since the last SWPHC meeting in surveys related to the items below:

- a) Coverage of new surveys
The AHS survey team conducted a survey of Bina harbour on Malaita Island in Q3 of 2019. Bina harbour is to become a Regional growth center with international port status.
- b) New technologies and /or equipment
No new technologies or equipment were acquired although the need existed.
- c) New ships: *No new ships*
- d) Crowdsourced and satellite-derived bathymetry - national policy: *No National policy as yet.*
- e) Challenges and achievements: *The challenges that SIMSA/SIHU continue to face is changing policies of Successive SI Govts. One government would see the work of SIMSA/SIHU as important and give it a high priority rating while another may give it a low rating priority. This is evidenced in the budget allocation that SIMSA/SIHU received each 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:

There are no significant developments since the last RHC meeting in charting related to the items below:

- a) ENC coverage, gaps and overlaps
- b) ENC distribution method
- c) RNCs
- d) INT charts
- e) National paper charts:
SLB 108 was published by AHS in July 2019
- 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:

There are no significant developments since the last SWPHC meeting in nautical publication to the items below:

- a) New Publications:
Solomon Islands National Tide Tables 2020 published by AHS
- b) Updated publications:
- c) Means of delivery: *Paper*
- 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
Inadequate and needs upgrading.
- b) Statistics on work of the National Coordinator
There is a need for proper training and capacity building to establish the position of MSI National Coordinator.
- 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
- b) Training received, needed, offered
- c) Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study)
- d) Description of proposals and requests to the IHO/CBSC

8. Oceanographic activities

*There are **no** significant developments in oceanographic activity since the last SWPHC meeting related to the items below:*

- a) General
- b) GEBCO/IBC's activities, GEBCO Seabed 2030 activities
- c) Tide gauge network
- d) New equipment
- e) Challenges and achievements

9. Spatial data infrastructures

*There are **no** development of spatial data infrastructures in the following:*

- a) Status of MSDI
- 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
There are no new technologies acquired and used
- b) Risk assessment
There are no technologies available to conduct Risk assesment
- 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
SIMSA/SIHU did not participate in any IHO meetings in the past. May now be able to participate as it become IHO member state as of July 2019.
- b) Meteorological data collection
SIMSA/SIHU does not undertake Meteorological data collection.
- c) Geospatial studies
SIHU's Cat B Surveyor graduated with a Master's degree in Spatial Science Technology from the University South Queensland.
- d) Preparation for responses to disasters
SIMSA currently does not have the capability to respond to disasters such as Earthquakes, Tsunamies, hurricanes and other natural disasters.
- e) Environmental protection
There are no developments in the area of Environmental protection
- f) Engagement with the Maritime Administration
- g) Aids to Navigation matters
SIHU works closely with the AtoN unit of SIMSA to locate suitable positions for the AtoN in Solomon Islands.
- h) Magnetic and gravity surveys
SIMSA/SIHU does not have the capability to undertake Magnetic and gravity surveys
- i) International engagements
AtoN unit of SIMSA works closely with IALA on AtoN matters.
- j) Others

12. Conclusions

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

- a) Areas of significant achievement
No significant achievement
- b) Areas of particular concern
Proper training and establishment of the position of MSI national coordinator within SIMSA.
- c) Any other matters of interest to the SWPHC
SWPHC to urge Member States to cooperate with each other and help states that require CB to improve their operational capabilities to perform their mandated duties.

Input to the IHO Publication P-5 (*Yearbook*)*Country: Solomon Islands**Organization: Solomon Islands Maritime Safety Administration*

(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 Hydrographic Officer</i> Name: <i>Tony Hanuagi</i> Postal address: <i>P.Box G32, Commonwealth St, Honiara Solomon Islands</i> Tel: <i>+677 21535 Ext 223</i> Fax: <i>+677 23798</i> Email: <i>THanuagi@mid.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>Manager Maritime Operations</i> <i>Captain Brian AONIMA</i> Tel: <i>+677 21535 Ext 220</i> Fax: <i>+677 23798</i> Email: BAonima@mid.gov.sb <i>(Senior Cartographer)</i> <i>Mr. John Dalomae</i> Tel: <i>+677 21535 Ext 223</i> Fax: <i>+677 23798</i> Email: <i>JDalomae@mid.gov.sb</i>
-Web site -site web -sitio web	
Country information / Informations sur le pays/ Información sobre el país	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: <i>122,240.7</i> Date: <i>December 2019</i>

-National day -Fête nationale -Fiesta nacional	<i>7th July Independence day.</i>
-Date of establishment and Relevant National Legislation -Date de mise en place et législation nationale pertinente -Fecha de constitución y legislación nacional pertinente	<i>April 2009</i> <i>SOLOMON ISLANDS MARITIME SAFETY ADMINISTRATION ACT 2009</i>
-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>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	<i>Hydroscheme, Hydrographic surveys, depository of Hydrographic records, Chart Corrections, Issue Hydrographic Data and MSI</i>
-Annual operating budget -Budget annuel -presupuesto anual	<i>USD244,000.00 (2019)</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 publiées-Número total de cartas de papel publicadas	<i>Arrangement with AHS</i>			
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	<i>Arrangement with AHS</i>			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas	<i>Arrangement with AHS</i>			
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas	<i>Arrangement with AHS</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
	N/A	N/A	N/A	N/A
-Other information of interest -Autres informations utiles -Otra información de interés	<i>A surveying vessel/Craft is desired however with the annual budget that SIHU receives from SIG, a surveying vessel is unaffordable.</i>			

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:	<i>Solomon Islands</i>			
Country Iso Code:				
Country SubCode:				
INT Region:	<i>L</i>			
Country/Depend:				
Last updated:				
Provided by:				
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys: <i>1. Coverage of the most frequented parts of these steep-to-islands is adequate, although the aim is to bring all areas within 200m to modern standards. Priority for modern survey are:</i> <i>a. International routes: examination of shoals, banks and submarine volcanoes e.g Brougham Shoal, Edward Bank.</i> <i>b. Internal routes: Iron Bottom Sound.</i> <i>Ports and Approaches to Honiara, and modern survey of Gizo, Yandina and Tulagi.</i>
INT	100	100	100	
RNC	100	100	100	
ENC	0	0	0	
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	10	30	60	
> 200m	30	10	60	

MSI	Y/N	Comments on MSI:
Local warning	<i>Y</i>	<i>Broad</i>
Coastal warning	<i>Y</i>	
Nav warning	<i>Y</i>	
Port warning	<i>Y</i>	
GMDSS	Y/N	Comments on GMDSS:
Master Plan	<i>Y</i>	<i>Current GMDSS needs upgrading to meet international standards</i>
Area A1	<i>Y</i>	<i>5 miles VHF radio</i>

Area A2	<i>Y</i>	<i>10 miles VHF radio</i>
Area A3	<i>Y</i>	<i>200 miles HF radio</i>
NAVTEX	<i>No</i>	
SafetyNet	<i>Unknown</i>	

National MSI Self-Assessment

Country: *Solomon Islands*
 Organization: *Solomon Islands Hydrographic Unit*

(Please provide the information in English)

1. Maritime area

*Geographical Coordinates*

The Solomon Islands Search & Rescue Region is as shown in the map is bounded by the geographical coordinates; 14°S,157°E, 16°S163°E, 12°S165°E, 12°30'S,174°10'E, 14°S 161°15'E, 14°S155°E, 12°S155°E, 10°S170°E, 12°30'S 171°10'E 04°50'S160°E 10°S170°E 04°50'S 160°E 04°50'S 160°E 07°25'S 155°E 14°S 155°E. Maritime SAR services is provided by the Honiara Maritime Rescue Coordination Centre (MRCC) of the Solomon Islands Maritime Safety Authority within the territorial waters.

2. Operational Points of Contact for the MRCC:

INSTITUTION	TELEPHONE	FACSIMILE	E:MAIL
<i>SI Maritime Rescue Coordination Center</i>	+677 21609	+677 23798	<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 Transceiver</i>		<i>N/A</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]: None

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: *No 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:

The equipment is old and requires upgrading or replacement. Upgrade or replacement costs continue to be the obstacles.

Problems encountered?

Ongoing shortage of funds to get the infrastructure needed to implement the GMDSS Plan.

6. Contingency Planning

The organization has in place a contingency plan to Detect, and to Respond to Marine Pollution but has never been tested.

7. Capacity Building

Capacity building is required both in training of personnel and getting the most appropriate equipment.

8. Other Activities

SIHU Senior cartographer attended the IALA ATON Manager Level I Training course and the IALA Maritime Buoyage System and other Aids to Navigation at SPC Suva Fiji in July 2019.

9. National Maritime Website: *WWW.SIMA.gov.sb*

[(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

[If any]

11. Summary

Establish the office of the MSI national coordinator within SIMSA and build the capacity with proper training and equipment. The coordinator should be able to work closely with the SIHU, AtoN and MRCC units of SIMSA/SIMA.