

**18<sup>TH</sup> MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC  
COMMISSION (SWPHC18)  
VTC, 17-19 February 2021**

**NATIONAL REPORT FROM KIRIBATI TO THE SWPHC18**

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 Information, Communications, Transport and Tourism Development*
  - b) Description: *Marine Division – Hydrographic and ATON Unit*
  - c) Submitted by: *Eritaia Tauro & Tion Uriam*

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*
  - b) New technologies and /or equipment: *None*
  - c) New ships: *None*
  - d) Crowdsourced and satellite-derived bathymetry - national policy: *Received Satellite Derived bathymetry data covering all of the islands of Kiribati.*
  - e) Challenges and achievements:
    - *Secured funding to improve marine transport infrastructure – part of the work includes surveying of 4 islands – new charts will be produced for these islands*
    - *Support from Government to support program (hydrographic activities)*

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: *None*
  - b) ENC distribution method: *None*
  - c) RNCs: *None*

- d) INT charts: *None*
- e) National paper charts: *None*
- f) Other charts, e.g. for pleasure craft: *None*
- g) Challenges and achievements: *Lacking of capacity*

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: *None*
- b) Updated publications: *None*
- c) Means of delivery, e.g. paper, digital: *None*
- d) Challenges and achievements: *No ENC's and RNC's available*

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 – No change
- b) Statistics on work of the National Coordinator – No change
- c) New infrastructure in accordance with GMDSS Master Plan - None
- d) Challenges and achievements – Scattered islands and Vast Ocean. Have three different Navearea Coordinators, such as Line and Phoenix Groups are fall under Navearea XII, Part of Phoenix Group fall under Navearea XIV and Kiribati Group falls under Navearea XI. MSI messages sent via email to Navearea Coordinators are issued to Notice to Mariners.

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:
  - Marine Division staff received training at CCOM, UNH, Ocean Mapping and Cat A

- *February 2020, Conducted a training for AtoN maintenance in Tarawa from the Pacific Community (SPC);*
  - *9<sup>th</sup> – 13<sup>th</sup> March 2020, training received from Pacific Community (SPC)*
- 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 IHOCBSC

#### 8. Oceanographic activities

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

- a) General: *None*
- b) GEBCO & Seabed 2030: *None*
- c) Crowdsourced Bathymetry Activities: *None*
- d) Tide gauge network: *None*
- e) New equipment: *None*
- f) Challenges and achievements: *Lack of funding to support program*

#### 9. Spatial data infrastructures

- a) Status of MSDI: *None*
- b) Relationship with the NSDI: *None*
- c) Involvement in regional or global MSDI efforts: *None*
- d) National implementation of the Shared Data Principles – including any national data policy and impact on marine data: *None*
- e) MSDI national portal: *None*
- f) Best practices and lessons learned: *None*
- g) Challenges and achievements: *Lack of funding to support development of spatial infrastructure*

#### 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
- e) Environmental protection
- f) Engagement with the Maritime Administration
- g) Aids to Navigation matters:
  - SPC conducted a one day workshop in the Tarawa on Feb 2020
  - SPC invited Kiribati, Solomon and Vanuatu for a one week work attachment at Suva Fiji.
- h) Magnetic and gravity surveys
- i) International engagements: *Contracted UKHO to manage Hydrographic Activities for Infrastructure Project*

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:*

- Improving knowledge in the interest of international development, hydrographic survey to the 3 ports such as Betio, Kiritimati and Tabuaeran*
- Notical charts improvement*

*c) Any other matters of interest to the SWPHC]*

- Contracted UKHO to manage Hydrographic Activities for Infrastructure Project*

Input to the IHO Publication P-5 (*Yearbook*)*Country: Kiribati**Organization: Ministry of Information, Communications, Transport and Tourism  
Development (Marine Division)*

(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: No change Name: Postal address: Tel: Fax: Email:
-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: No change Name: Postal address: Tel: Fax: Email:
-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
<b>Country information / Informations sur le pays/ Información sobre el país</b>	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: Date:
-National day -Fête nationale -Fiesta nacional	No change
-Date of establishment and Relevant National Legislation -Date de mise en place et	No change

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	No change
-Date ratification Convention -Date de ratification de la Convention -Fecha de ratificación de la Convención	No change
-Remarks on membership -Remarques sur l'adhésion -Comentarios sobre la adhesión	In progress
<b>Agency information/ Information sur l'agence/ Información sobre la agencia</b>	
-Top level parent organisation -Organisme mère -Organización asociada de nivel superior	No change
-Principal functions of the organisation or the department -Attribution principales de l'organisme ou du département -Principales funciones de la Organización o departamento	No change
-Annual operating budget -Budget annuel -presupuesto anual	No change
-Total number of staff employed -Effectif totaux -Número total de personal empleado	28 within Marine Division
-Number of INT charts published -Nombres de cartes INT publiées -Número de cartas INT publicadas	No change

-Total number of paper charts published-Nombre total de cartes papier publiées-Número total de cartas de papel publicadas	No change			
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	No change			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas	No change			
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas	No change			
-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: Kiribati

(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:				
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	Y	
Coastal warning	Y	
Nav warning	Y	
Port warning	Y	
GMDSS	Y/N	Comments on GMDSS:
Master Plan		No Change
Area A1		
Area A2		
Area A3		
NAVTEX		
SafetyNet		



## National MSI Self-Assessment

*Country: Kiribati**Organization: Ministry of Information, Communications, Transport and Tourism  
Development (Marine Division)*

(Please provide the information in English)

1. Maritime area. No change
2. Operational Points of Contact for the National Coordinator

<b>INSTITUTION</b>	<b>TELEPHONE</b>	<b>FACSIMILE</b>	<b>EMAIL</b>
MICTTD, Marine Division	+686 74026003 +686 73022727+686 73020363		eritaia.tauro@micttd.gov.ki

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]*

<b>Equipment Type for Ports and Local Area</b>	<b>Software Version</b>	<b>Date of Up-date</b>
Marine HF, MF and VHF radios		

*[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>	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
136	xx.x Mins	138	xx.x Mins	137	xx.x Mins

4. NAVTEX Coverage: No Change

*[Diagram of NAVTEX stations and service areas within maritime area; Contact details for NAVTEX Stations; Confirm operational status has been validated.]*

5. Operational Issues:

- Radio Communication Coverage, VHF & HF communication is poor at far distances like Tarawa to Banaba Island and the Line and Phoenix Groups.
6. Contingency Planning
    - MSI messages sent via email to the NAVAREA XIV and NAVAREA XI Coordinators are issued to Notice to Mariners and promulgated
  7. Capacity Building
    - Request MSI Capacity building
  8. Other Activities

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

9. National Maritime Website No Change

10. Recommendations. None

*[If any]*

11. Summary. None