

**16TH MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC
COMMISSION (SWPHC16)
Alofi, Niue, 11 - 14 February 2019**

NATIONAL REPORTS FROM [Republic of Kiribati] TO THE SWPHC16

Reference: IHO Resolution 2/1997 as amended

Executive summary

1. Hydrographic Office / Service:
 - a) Name of the institution: Marine Division – Ministry of Information, Communications, Transport and Tourism Development
 - b) Description: There is no Hydrographic office, no authority and authority remains under Marine Division. Recruited New Hydrographer: Mr Tion Uriam just graduated end of last year 2018 as a Surveyor from RMIT University in Australia.
 - c) Submitted by: Eritaia Tauro
Email: eritaia.tauro@mcttd.gov.ki]

Detailed information to update IHO Publication P-5 (*Yearbook*) is submitted in Annex A. 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: None
 - b) New technologies and /or equipment: None
 - i. Policy issues regarding the collection and use of crowd-sourced bathymetry
 - ii. Status of data collection
 - c) New ships: None
 - d) Problems encountered: No Facilities, No expertise and No ship.

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. 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) ENCs: BA 729 has been updated
 - b) ENC Distribution method: ARCS chart
 - c) RNCs: BA 729
 - d) INT charts: 4
 - e) National paper charts: 10
 - f) Other charts, e.g. for pleasure craft: None
 - g) Problems encountered: No infrastructure, No expertise and capacity building required

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. 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) Problems encountered: No expertise and require assistance in terms of capacity building.

Detailed information to update IHO Publication P-5 (*Yearbook*) is submitted in Annex A. 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 transmission: VHF, MF and HF radio. Marine Safety Information promulgated only via VHF, MF and HF locally by two Coast Radio Station: Tarawa and Kiritimati Marine Guard.
- b) New infrastructure in accordance with GMDSS Master Plan: None
- c) Problems encountered: Lack of infrastructure, No GMDSS Master Plan and require assistance in terms of Capacity building.

Detailed information about MSI to update IHO Publication C-55 (*Status of Hydrographic Surveying and Charting Worldwide*) is submitted in Annex 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. Please indicate "no change" in Annex B if this is the case.

No Hydrographic Surveying and Charting Worldwide provided in Kiribati. Require Assistance.

7. Capacity Building Offer of and/or demand for Capacity Building

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

- a) Training received, needed, offered: The Regional Workshop on Pacific Safety of Navigation Phase 1 Report was held in Suva Fiji from 25th to 26th of June for AtoN Managers from the targeted Pacific Islands Countries followed by Training on "SIRA" Risk Assessment Tool for 2 days (27th–28th June 2018). The workshop and Training was conducted by SPC and IALA.
Pacific Safety of Navigation phase 2 – AtoN risk assessment was conducted in Tarawa Kiribati on 25th to 28th September 2018 followed by MSI workshop which conducted on the 1st to 2nd October 2018 by SPC.
- b) Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study): Status of

national, bilateral, multilateral or regional development projects with a hydrographic component are planned as the Government of Kiribati has it plans to provide Hydrographic survey this year 2019 to 4 outer islands namely Abaiang, Nonouti, Tabiteuea South and Beru. This will also include surveying for the rest of the Kiribati islands and to be funded by the World Bank and Asian Development Bank.

Kiribati has an obligation to ensure that both paper charts and electronic navigational charts (ENCs) are available in accordance with the government obligations set out under Regulation 9 (hydrographic services) and Regulation 4 (navigational warnings) of Chapter V of SOLAS. This obligation helps to ensure that all vessels operating in the world's seas and oceans can do so safely and efficiently, thereby preventing loss of life and protecting the marine environment.

c) Description of requests to be considered by the IHO/CBSC:

- request funding assistance for the provision of a TA to develop hydrographic regulation/legislation
- Request funding for TA to develop National Charting Plan, National Hydrographic Survey Plan, National Maritime Safety Information Plan
- Requesting assistance from IHO in providing Hydrographic survey to Kiribati groups especially the three ports such as Betio port, Kiritimati port, Tabuaeran port plus Kanton Island.
- Request funding to build capacity through the IHO capacity building program – competency training to meet IHO data collection standards
- Request funding assistance for the procurement of equipment for hydrographic surveying

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/IBC's activities: None
- c) Tide gauge network: None
- d) New equipment: None
- e) Problems encountered: No expertise and required capacity building.

9. 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 Working Groups: None
- b) Meteorological data collection: None
- c) Geospatial studies: None
- d) Disaster prevention: None
- e) Environmental protection: Kiribati participation at IMO - Intersessional Working Groups (ISWG) and MEPC Meetings on Green House Gas (GHG) Emissions reductions
- f) Astronomical observations: None
- g) Magnetic/Gravity surveys: None

- h) MSDI Progress:
 - i. Policy and Governance
 - ii. Technical Standards
 - iii. Information systems
 - iv. Data
- i) International: None
- j) Use of risk to support survey and chart updating priorities.

10. 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]*

Conclusions:

a) Area of significant achievement:

- BA 729, 730,731 chart covering International sea port has been updated.

b) Areas of Particular concern:

- Improving hydrographic knowledge in Kiribati in the interests of national development.
- Risk Assessment.
- Hydrographic survey to the three Ports such as Betio, Kiritimati, Tabuaeran plus Kanton Island in the Kiribati group.
- Nautical charts improvement. All charts to be converted to the WGS 84 projection.

c) Any other matters of interest to the RHC]

- Require TA for Hydrography in order to assist Marine Division in developing hydrographic services in Kiribati.

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

(Please provide the information in English)

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: Hydrographer Name: Tion Uriam Postal address: MICTTD, Box 487, Betio, Tarawa, Rep of Kiribati Tel: (686) 74026003 Fax: Email: tion.uriam@mcttd.gov.ki
-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: Director of Marine Name: Captain Ruoikabuti Tioon Postal address: MICTTD, Box 487, Betio, Tarawa, Rep of Kiribati Tel: (686) 74026003 Fax: Email: dom@mcttd.gov.ki
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	Mr. Eritaia Tauro MICTTD, Box 487, Betio, Tarawa, Rep of Kiribati Tel: (686) 74026003/ (686) 73022727 Email: eritaia.tauro@mcttd.gov.ki
-Web site -site web -sitio web	www.micttd.gov.ki
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	No change
-Date of establishment and Relevant National Legislation -Date de mise en place et législation nationale pertinente -Fecha de constitución y	No change

legislación nacional pertinente	
-Date first joined IHO -Date d'adhésion à l'OHI -Fecha de adhesión a la OHI	Not yet
-Date ratification Convention -Date de ratification de la Convention -Fecha de ratificación de la Convención	SOLAS Convention Date : 25th May, 2017.
-Remarks on membership -Remarques sur l'adhésion -Comentarios sobre la adhesión	In progress
Agency information/ Information sur l'agence/ Información sobre la agencia	
-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	<ul style="list-style-type: none"> ▪ Provision, operation and maintenance of marine aids to navigation, for example buoys and beacons ▪ Administering the certification of Seafarers - Qualification and Licensing ▪ Coordinating SAR Services ▪ Flag State and Port State Inspection ▪ Advising Government in ensuring that Maritime Conventions are being complied ▪ Boat Passage upgrading ▪ Marine Pollution & Accident Investigation ▪ Ships registration – seaworthiness and trading ▪ The Marine Department does promulgate coastal warnings and information broadcasted locally by Radio Stations (Tarawa and Kiritimati Islands)
-Annual operating budget -Budget annuel -presupuesto anual	
-Total number of staff employed -Effectifs totaux -Número total de personal empleado	25 within Marine Division 1 will be recruited for Hydrography
-Number of INT charts published -Nombres de cartes INT	No change

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	No change			
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	BA 729 (Plans in the Gilbert islands)			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas	None			
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas	None			
-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
	None	None	None	None
-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: Republic of Kiribati

(Please provide the information in English)

C-55 Summary for:				Comments on Charts:
Country:	Republic of Kiribati			
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	Yes	No change		
Coastal warning	Yes			
Nav warning	Yes			
Port warning	Yes			
GMDSS	Y/N	Comments on GMDSS:		
Master Plan		No change		
Area A1				
Area A2				
Area A3				
NAVTEX				
SafetyNet				

National MSI Self-Assessment

Country: Republic of Kiribati
Organization: MICTTD/Marine Division

(Please provide the information in English)

1. Maritime area

This is a list of the extreme points of Kiribati, the points that are farther north, south, east or west than any other location.

Northernmost point – Teraina (Washington Island), Line Islands

Easternmost point – Caroline Island, Line Islands

Southernmost point – Flint Island, Line Islands

Westernmost point - Banaba Island

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
MICCTD/Marine Divison	(686) 74026003		riennang.ioane@mcttd.gov.ki dom@mcttd.gov.ki

3. GMDSS Master Plan

➤ No Master Plan in place

[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

4. NAVTEX Coverage: **None**

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

5. Operational Issues: **None**

[New infrastructure in accordance with GMDSS Master Plan; Problems encountered?]

6. Contingency Planning: **None**

[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]

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]

The Regional Workshop on Pacific Safety of Navigation Phase 1 Report held in Suva from the 25th to the 26th of June, the AtoN Managers from the targeted Pacific Islands Countries and Training on “SIRA” Risk Assessment Tool started for another 2 days (27th–28th June 2018). The workshop and Training was conducted by SPC and IALA. Pacific Safety of Navigation phase 2 – AtoN risk assessment was conducted in Tarawa Kiribati on the 25th to 28th September 2018 and MSI workshop conducted on the 1st to 2nd October 2018 by SPC.

Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study): Status of national, bilateral, multilateral or regional development projects with a hydrographic component are planned as the Government of Kiribati has it plans to provide Hydrographic survey this year 2019 to the first 4 outer islands namely Abaiang, Nonouti, Tabiteuea South and Beru. This will also include surveying the rest for Kiribati islands and to be funded by World Bank and Asian Development Bank.

Kiribati has an obligation to ensure that both paper charts and electronic navigational charts (ENCs) are available in accordance with the government obligations set out under Regulation 9 (hydrographic services) and Regulation 4 (navigational warnings) of Chapter V of SOLAS. This obligation helps to ensure that all vessels operating in the world’s seas and oceans can do so safely and efficiently, thereby preventing loss of life and protecting the marine environment.

Description of requests to be considered by the IHO/CBSC:

- Requesting assistance from IHO in providing Hydrographic survey to Kiribati islands and more trainings and capacity building required.

8. Other Activities

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

- *SPC team visited Kiribati in September and October 2018 for conducting a workshop on Risk Assessment for Betio port and MSI training;*
- *Kiribati Marine Legal officer- work attach with SPC's Maritime Legal Experts – Drafting of Maritime Laws and Regulation;*
- *Training on Data collection (Domestic vessels)- MCC Pacific;*
- *Establishing Women in the Maritime Association in the country;*

UNDER THE PACIFIC MARITIME SAFETY PROGRAMME (PMSP- PHASE 2)

- *Delivery of Maritime Safety Awareness – to the Community;*
- *Completion of Corrective Action Plan (CAR) from IMSAS Audit Findings and Observations;*
- *Wooden Boat Survey Start-Up Training – MARITIME NZ ;*
- *Search And Rescue Training including (Live Operation – Aerial and Surface Rescue Exercise) – NZ Maritime Rescue Coordination Center;*
- *Kiribati participation at IMO - Intersessional Working Groups (ISWG) and MEPC Meetings on Green House Gas (GHG) Emissions reductions;*
- *Trade Facilitation 3 Day Seminar in Kiribati- IMO and SPC;*
- *NSCV CODE SURVEYORS TRAINING – AUSTRALIAN MARITIME SAFETY AUTHORITY – SYDNEY AUSTRALIA;*
- *IMSAS (IMO) AUDIT TRAINING – MARITIME NZ – WELLINGTON.*

9. National Maritime Website: www.micttd.gov.ki

[(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?)]

➤ **Yes**

10. Recommendations

- *A Full time TA for Hydrography to assist Marine Division*
- *More training and Capacity building*
- *Seeking urgent assistance from Developed countries or from relevant international agencies and regional agencies such as SPC-SOPAC, to carry out chart modernization surveys for the following areas:*
 - a. *Tarawa and port Betio,*
 - b. *Kiritimati Atoll (Christmas Island)*
 - c. *Tabuaeran Atoll, formerly called Fanning Island*
 - d. *Aba-Riringa Island (Kanton)*

11. Summary

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

- Kiribati is encountered with difficulties in developing of National Hydrography Services for the following reasons:
 - There is lack of qualified staff in Kiribati on hydrography
 - There is no legislation in place focusing on hydrography
 - There is no TA for Hydrography
 - Nautical Charts Improvement: Clear area of need, but needs to be driven nationally
 - Capacity building required
 - No Hydrographic office,
 - No authority and authority remains under Marine Division.

From this short summary of national report, I would like to bring to your attention that Kiribati requires assistance in order to fulfil its obligations under Regulation 9 and 4 of chapter V of SOLAS.