



## INTERNATIONAL HYDROGRAPHIC ORGANIZATION

### NATIONAL REPORT FROM REPUBLIC OF KIRIBATI TO THE SWPHC15

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. No Hydrographer. Application for IHO membership: The Director of Marine Captain Ruoikabuti Tioon had communicated via email with Mr Mustafa IPTES, Director of the International Hydrographic Organization (IHO) and Dr Mathias Jonas (Secretary- General IHO) regarding Kiribati's initiative to join IHO.
- 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.

##### 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
- c) New ships: None
- d) Problems encountered: No infrastructure, no working boat and lack of expertise.  
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.

##### 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.

4. New publications & updates:

*[Describe any significant developments since the last RHC 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.

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.

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.

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: IALA Vice Dean Mr Stephen Bennett and SPC team visiting Kiribati in Nov 2016 for AtoN assessment and training. Training in Busan, South Korea for Level 1 AtoN Manager 1st - 29th July 2017. SPC PRNI visited Kiribati in August 2017 for a workshop on promoting awareness of the importance to Hydrography and MSI
- 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 in Kanton Island (MPA) and also to all Kiribati islands. 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:  
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 and capacity building required.

#### 8. Oceanographic activities

*[Describe any significant developments in oceanographic activity since the last RHC 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 RHC since the last RHC 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: None
- f) Astronomical observations: None
- g) Magnetic/Gravity surveys: None
- h) MSDI Progress: None
- i) International: None
- j) Etc.

#### 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 RHC]*

Conclusions:

a) Area of significant achievement:

- BA 729 chart covering International sea port has been updated.
- Maritime Safety Information Coordinator had been appointed.
- Kiribati Maritime Transport Policy in place.
- Hydrography committee has been set up.
- Hydrographic Governance is in progress

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*

<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: Director of Marine Name: Capt Ruoikabuti Postal address: MICTTD, Box 487, Betio, Tarawa, Rep of Kiribati <a href="tel:(686)74026003">Tel:(686)74026003/</a> (686)25629 Fax: Email: <a href="mailto:dom@mcttd.gov.ki">dom@mcttd.gov.ki</a>
-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: Same as above Name: Postal address: Tel: Fax: Email:
-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: <a href="mailto:eritaia.tauro@mcttd.gov.ki">eritaia.tauro@mcttd.gov.ki</a>
-Web site -site web -sitio web	<a href="http://www.micttd.gov.ki">www.micttd.gov.ki</a>
<b>Country information / Informations sur le pays/ Información sobre el país</b>	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: None Date:
-National day -Fête nationale -Fiesta nacional	12 <sup>th</sup> July
-Date of establishment and Relevant National Legislation -Date de mise en place et législation nationale pertinente -Fecha de constitución y	23/10/2017

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
<b>Agency information/ Information sur l'agence/ Información sobre la agencia</b>	
-Top level parent organisation -Organisme mère -Organización asociada de nivel superior	Marine Division/ Ministry of Information, Communications, Transport and Tourism Development.
-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"> <li>▪ Provision, operation and maintenance of marine aids to navigation, for example buoys and beacons</li> <li>▪ Administering the certification of Seafarers - Qualification and Licensing</li> <li>▪ Coordinating SAR Services</li> <li>▪ Flag State and Port State Inspection</li> <li>▪ Advising Government in ensuring that Maritime Conventions are being complied</li> <li>▪ Boat Passage upgrading</li> <li>▪ Marine Pollution &amp; Accident Investigation</li> <li>▪ Ships registration – seaworthiness and trading</li> <li>▪ The Marine Department does promulgate coastal warnings and information broadcasted locally by Radio Stations (Tarawa and Kiritimati Islands)</li> </ul>
-Annual operating budget -Budget annuel -presupuesto annual	None
-Total number of staff employed -Effectifs totaux -Número total de personal empleado	20 within Marine Division 2 will be recruited for Hydrography
-Number of INT charts published -Nombres de cartes INT	4

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	10			
-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**

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	Yes	Only locally
Coastal warning	Yes	Only locally
Nav warning	Yes	Only locally
Port warning	Yes	Only locally
GMDSS	Y/N	Comments on GMDSS:
Master Plan	No	No GMDSS Plan yet
Area A1	No	
Area A2	No	
Area A3	No	
NAVTEX	No	
SafetyNet	No	



## National MSI Self-Assessment

*Country: Republic of Kiribati*  
*Organization: MICTTD/Marine Division*

## 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

*[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>
MICTTD/Marine Division	(686)74026003		<a href="mailto:riennang.ioane@mcttd.gov.ki">riennang.ioane@mcttd.gov.ki</a> <a href="mailto:dom@mcttd.gov.ki">dom@mcttd.gov.ki</a>

## 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]*

<b>Equipment Type for Ports and Local Area</b>	<b>Software Version</b>	<b>Date of Up-date</b>

*[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
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]*

IALA Vice Dean Mr Stephen Bennett and SPC team visiting Kiribati in Nov 2016 for AtoN assessment and training.

Training in Busan, South Korea for Level 1 AtoN Manager 1st -29th July 2017.

SPC PRNI visited Kiribati in August 2017 for a workshop on promoting awareness of the importance to Hydrography and MSI.

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 in Kanton Island (MPA) and also to all Kiribati islands. 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 PRNI visited Kiribati in August 2017 for a workshop on promoting awareness of the importance to Hydrography and MSI.

9. National Maritime Website: [www.micttd.gov.ki](http://www.micttd.gov.ki)

*[(Address, statistics (if permitted by national legislation; how often is the information on your web site updated? Base on the informations need to be 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
  - Poor communication with IHO as we are not yet member to IHO
  - Although Kiribati had been visited in 2011 and with the report provided by the IHO team of that visit, there still had been a slow achievements for Kiribati and commitments to comply with its obligations under Regulation 9 (hydrographic services) and Regulation 4 (navigational warnings) of Chapter V of SOLAS.
    - 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.
    - No Hydrographer.

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.