

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

NATIONAL REPORT FROM NIUE TO THE SWPHC16

Reference: IHO Resolution 2/1997 as amended

Executive summary

1. Hydrographic Office / Service:

a) Name of the institution:

The Ministry of Infrastructure is the Competent Authority to meet Niue's SOLAS obligations.

b) Description:

Land Information New Zealand (LINZ) is Niue's Primary Charting Authority.

c) Submitted by:

Lynsey Talagi, Manager, Maritime Division, Department of Transport, Ministry of Infrastructure (lynsey.talagi@mail.gov.nu)

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:

2018: SDB of Niue, Beveridge Reef and Antiope Reef. LiDAR survey of Niue and Beveridge Reef

b) New technologies and /or equipment

- i. Policy issues regarding the collection and use of crowd-sourced bathymetry
- ii. Status of data collection

c) New ships: N/A

d) Problems encountered: N/A

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) ENC's

Two updated ENC's (one for the main panel on NZ845 NZ300845 and one for Alofi Anchorage NZ608451). Withdrawn the ENC and the plan on the paper chart for Niue Landing (the small plan at a scale of 1:1000).

- b) ENC Distribution method
- c) RNCs
- d) INT charts
- e) National paper charts
- f) Other charts, e.g. for pleasure craft
- g) Problems encountered

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: **N/A**

[Describe any significant developments since the last SWPHC meeting in nautical publications related to the items below]

- a) New Publications
- b) Updated publications
- c) Means of delivery, e.g. paper, digital
- d) Problems encountered

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
 - i. Three telecommunications towers for VHF operated by Telecom Niue Limited, and one broadcasting tower operated by the Broadcasting Corporation of Niue.**
 - ii. Niue's marine radio is operated by Telecom Niue Limited.**
 - iii. 4G mobile network launched, however, better coverage is pending.**
- b) New infrastructure in accordance with GMDSS Master Plan
- c) Problems encountered
 - Delays to the installation of VHF repeaters for full CH16 coverage.**
 - Lack of confidence of trained marine radio operator to share information from the regional MSI training 2018.**

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.

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

A marine radio operator from Telecom Niue Ltd attended the regional MSI training in 2018. They lacked the confidence to share information with stakeholders, and they have since left Telecom Niue Ltd.

SPC (Pacific Community) will hold a MSI workshop focussing on drafting H-Notes during the Aids to Navigation Risk Assessment (18 – 22 February 2019).

Request in-country MSI training for the National MSI Coordinator and stakeholders.

b) Status of national, bilateral, multilateral or regional development projects with a hydrographic component. (In progress, planned, under evaluation or study)

i. Bilateral Arrangement between Land Information New Zealand and the Government of Niue acting through the Department of Transport, Ministry of Infrastructure and the Department of Justice, Lands and Survey, Ministry of Social Services concerning Cooperation in the Field of Hydrography (Signed March 2017)

ii. In October 2017 the Government of Niue (GON) committed to establishing 40% of its EEZ as a Marine Protected Area. The Niue Ocean Wide (NOW) Project, a public-private-partnership with Tofia Niue, is developing the Marine Spatial Management Plan and the Compliance Strategy and legal analysis to give effect to the MSMP and MPA is ready for cabinet consideration.

iii. Safety of Navigation gap analysis and needs assessment by SPC (November 2017)

iv. SDB and LiDAR survey under PRNI to update Niue's chart and produce a new chart for Beveridge Reef

v. Pacific Safety of Navigation Project funded by IFAN: SPC will carry out an AToN risk assessment 18-22 Feb 2019

vi. Manatua Cable Project: hydrographic survey to be carried out June - August 2019; installation from December 2019; and launch in 2020.

vii. Pacific Maritime Safety Programme - Scoping exercise and familiarisation visit for domestic maritime safety and international obligations by maritime lawyers.

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

8. Oceanographic activities N/A

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

- a) General
- b) GEBCO/IBC's activities
- c) Tide gauge network
- d) New equipment
- e) Problems encountered

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
- b) Meteorological data collection
- c) Geospatial studies

- d) Disaster prevention
Review of National Disaster Plan.
- e) Environmental protection
Marine Spatial Management Plan Legal Framework Analysis
- f) Astronomical observations
- g) Magnetic/Gravity surveys
- h) MSDI Progress:
 - i. Policy and Governance
 - ii. Technical Standards
 - iii. Information systems
 - iv. Data
- i) International
- j) Use of risk to support survey and chart updating priorities
AToN Risk Assessment by SPC (18 – 22 February 2019)

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]*

Niue's significant achievements include:

- i. SDB and ALB under PRNI to update Niue's chart and produce a new chart for Beveridge Reef**
- ii. Marine Spatial Management Plan Legal Framework Analysis**

Niue's future focus is:

- i. Pacific Safety of Navigation Project – Phase 2 (August 2018 – July 2021)**
- ii. IHO Technical Implementation Visit in 2019**
- iii. Updated chart for Niue and new chart for Beveridge Reef in early 2020**
- iv. Marine Spatial Plan, compliance and sustainable financing**
- v. Draft legislation to implement the IMO conventions**
- vi. Manatua Cable Project (2020)**

An area of concern is Niue's limited MSI capability and capacity.

Input to the IHO Publication P-5 (*Yearbook*)*Country: NIUE**Organization: Ministry of Infrastructure*

(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: Land Information New Zealand is the Primary Charting Authority. Niue doesn't have a National Hydrographic Service established 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: Name: Postal address: Tel: Fax: Email:
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	Ministry of Infrastructure is the Competent Authority to meet Niue's SOLAS obligations.
-Web site -site web -sitio web	www.gov.nu
Country information / Informations sur le pays/ Información sobre el país	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	
-National day -Fête nationale -Fiesta nacional	19 October
-Date of establishment and Relevant National Legislation -Date de mise en place et 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	
-Date ratification Convention -Date de ratification de la Convention -Fecha de ratificación de la Convención	
-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	
-Principal functions of the organisation or the department -Attribution principales de l'organisme ou du département -Principales funciones de la Organización o departamento	
-Annual operating budget -Budget annuel -presupuesto anual	
-Total number of staff employed -Effectifs totaux -Número total de personal empleado	
-Number of INT charts published -Nombres de cartes INT publiées -Número de cartas INT publicadas	2 (published by LINZ)
-Total number of paper charts published-Nombre total de cartes papier	1 (published by LINZ)

publiées-Número total de cartas de papel publicadas				
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	2 (published by LINZ)			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas				
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas				
-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: NIUE

(Please provide the information in English)

C-55 Summary for:				Comments on Charts: New chart to be published early 2020 of plans for Niue, including a new large scale plan of Beveridge Reef, and 2005 SPC MBES survey
Country:	NIUE			
Country Iso Code:	NU			
Country SubCode:				
INT Region:	L			
Country/Depend:				
Last updated:				
Provided by:	Ministry of Infrastructure			
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys: 2018: SDB of Niue, Beveridge Reef and Antiope Reef; and LiDAR survey of Niue and Beveridge Reef.
INT	100	100	100	
RNC	100	100	100	
ENC	100	100	100	
Status of Paper Charts				
Paper charts with depths in meters (%)			100	
Paper charts referenced to a satellite datum (%)				
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m	100	0	0	
> 200m	1	20	79	

MSI	Y/N	Comments on MSI:
Local warning		Telecom Niue Limited (TNL) and Broadcasting Corporation of Niue (BCN)
Coastal warning		TNL and BCN
Nav warning		Provided by NZ NAVAREA XIV
Port warning		TNL and BCN
GMDSS	Y/N	Comments on GMDSS:

Master Plan	N	
Area A1	N	
Area A2	N	
Area A3	N	
NAVTEX	N	
SafetyNet	Y	NAVAREA XIV messages broadcast by SafetyNet

National MSI Self-Assessment

*Country: NIUE**Organization: Ministry of Infrastructure*

(Please provide the information in English)

1. Maritime area

No designated broadcast area

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Department of Transport, Ministry of Infrastructure	+683 6983		lynsey.talagi@mail.gov.nu (main contact)

3. GMDSS Master Plan

N/A

Equipment Type for Ports and Local Area	Software Version	Date of Up-date
Maritime VHF		

No records held at current time.

2016		2017		2018	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
0	xx.x Mins	0	xx.x Mins	0	xx.x Mins

4. NAVTEX Coverage:

N/A

5. Operational Issues:

No full VHF Ch16 coverage around Niue, although anticipated in mid-2019.

6. Contingency Planning

MSI messages sent to NAVAREA XIV Coordinator, RCCNZ by email to be promulgated.

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]

A marine radio operator attended the regional MSI training in 2018, however, lacked the confidence to share information with stakeholders and they have since left Telecom Niue Ltd.

SPC (Pacific Community) will hold a MSI workshop focussing on drafting H-Notes during the Aids to Navigation Risk Assessment (18 – 22 February 2019).

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Bilateral Arrangement between Land Information New Zealand and the Government of Niue acting through the Department of Transport, Ministry of Infrastructure and the Department of Justice, Lands and Survey, Ministry of Social Services concerning Cooperation in the Field of Hydrography (Signed March 2017)

Pacific Safety of Navigation Project funded by IFAN: SPC will carry out an AtoN risk assessment 18-22 Feb 2019

Pacific Maritime Safety Programme - Scoping exercise and familiarisation visit for domestic maritime safety and international obligations by maritime lawyers.

8. Other Activities

The Department of Transport requests updates from RCCNZ of its register of 406 MHz EPIRBs that are coded to Niue. This includes vessels on the Niue Ship Registry. This is important for Search and Rescue purposes.

9. National Maritime Website

N/A

10. Recommendations

Request an in-country MSI training for the National MSI Coordinator and stakeholders.

11. Summary

This self-assessment report highlights the MSI activities for the year 2018. Niue still needs to setup its processes for receiving information from stakeholders. The National MSI Coordinator provides LINZ with information to update charts.