

**22nd MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC  
COMMISSION (SWPHC22)  
3-5 March 2025, Koror, Palau**

**NATIONAL REPORT FROM NIUE TO THE SWPHC22**

**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](#)
- C. IHO Strategic Plan: [link](#)
- D. IHO IRCC CL 01/2021 IHO Strategic Plan for 2021-2026 – Procedure for measuring the Strategic Performance Indicator (SPI) allocated to IRCC: [link](#)

**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, Maritime Manager, Department of Transport, Ministry of Infrastructure**

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: **N/A**
  - a) Coverage of new surveys:
  - b) New technologies and /or equipment
  - c) New ships
  - d) Crowdsourced and satellite-derived bathymetry - national policy
  - e) Challenges and achievements

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: **N/A**
  - a) ENC coverage, gaps and overlaps
  - b) ENC distribution method
  - c) RNCs
  - d) INT charts
  - e) National paper charts

- 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: N/A

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

- a) Existing infrastructure for MSI dissemination
  - 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 does provide coverage in some areas not covered by VHF.**
  - iv. **Local warnings are sent via email, VHF, radio and tv.**
- b) Statistics on work of the National Coordinator
- c) New infrastructure in accordance with GMDSS Master Plan
- d) Challenges and achievements
  - Implementation of the Maritime Safety Act 2021 is still in progress.**
  - Expansion of the VHF network out to 12NM island wide was completed in April 2024.**
  - Training required for new marine radio operators due to turnover, etc.**

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

- a) Offer of and/or demand for Capacity Building

**More training is required for staff operating the marine radio 24/7 at Telecom Niue Ltd, and maritime stakeholders.**

- 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)
    - 1) **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)**
    - 2) **The Niue Nukutuluea Multiple-Use Marine Park safeguards 100 percent of Niue's Exclusive Economic Zone (EEZ and Territorial seas), building on legislation passed in 2020 to fully protect 40 percent as a no-take Large Scale Marine Protected Area (Niue Mona Mahu). The Ocean Conservation Commitments (OCCs) are an innovative financing mechanism that helps fund the protection of 1 km<sup>2</sup> of Niue's ocean waters for 20 years, as well as leverage the development of Niue's broader climate resilient natural environment and blue economy. One OCC = NZD\$250. The OCCs enables sponsors to become contributors to Niue's marine conservation, climate resilience and sustainable development efforts**
    - 3) **Manatua Cable Project – Gazetting the no anchoring and no bottom fishing zone around the cable is outstanding.**
    - 4) **Pacific Maritime Safety Programme Phase 3 (PMSP3) – Implementation of the Maritime Safety Act 2021 in progress**
    - 5) **A pre-feasibility study on developing the international port, Avatele and Namukulu boat ramps was conducted in October 2019 under an Asian Development Bank Technical Assistance. The feasibility study to fully assess and determine the most adequate investment option was scheduled to start in July 2020 but on hold due to Covid-19. NZ's MFAT will be funding the full feasibility study to commence in June 2025.**
    - 6) **ADB-funded Climate/Multi-hazard Risk Assessment for Niue's Transport Network in 2025**
  - d) Description of proposals and requests to the IHO CBSC
8. Oceanographic activities
- a) General
  - b) GEBCO & Seabed 2030
  - c) Crowdsourced Bathymetry Activities
  - d) Tide gauge network
    - Launch of the tide gauge station, under COSPPac3**
    - Niue data on the Pacific Tides app online**
  - e) New equipment
    - Wave buoys**
  - f) Challenges and achievements
    - (i) **Maritime Boundary with Tonga**
    - (ii) **Long term maintenance costs and replacement costs of equipment**

## 9. Spatial data infrastructures

- a) Status of MSDI
- b) Relationship with the NSDI
- c) Involvement in regional or global MSDI efforts
- d) National implementation of the [UN Statement of Shared Guiding Principles for Geospatial Information Management](#) – including any national data policy and impact on marine data. Ref: IHO Strategic Plan, Goal 2, Target 2.3, SPI 2.3.1 Number of HOs reporting success applying the principles in their national contexts.
- e) MSDI national portal
- f) Best practices and lessons learned
- g) Challenges and achievements

## 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
  - a) **Marine Oil Spill Risk Assessment (MOSRA) finalised in November 2024.**
- f) Engagement with the Maritime Administration
  - The National Report is submitted by the Maritime Administration**
- g) Aids to Navigation matters
  - Replacement of AToN in Niue and installation at Beveridge Reef is pending**
- h) Magnetic and gravity surveys
- i) International engagements
- j) Others

## 12. Conclusions

**Niue's significant achievements include:**

- i. **Extension of the VHF network to 12NM offshore.**
- ii. **Commissioning of the tide gauge hutt**
- iii. **Niue data on the Pacific Tides app online**

**Areas of concern:**

- i. **Operators of the marine radio and other stakeholders require more MSI training.**
- ii. **Installation of Aids to Navigation**
- iii. **Maintenance and replacement of equipment including Aids to Navigation and Wave Buoys**

**iv. Procurement delays for equipment**

**Niue's future focus is:**

- i. Maintenance and installation of aids to navigation**
- ii. Implementation of the Maritime Safety Act 2021**
- iii. Capacity building for government staff and stakeholders**
- iv. Draft / amend legislation to implement the IMO conventions**
- v. Maritime boundary with Tonga**
- vi. UNEP CIS-Pac5 - HF Radars for Ocean Monitoring, Environmental buoy, Weather drones, X Doppler Weather Radar, 3D Wave and inundation modelling, replace wave buoys**
- vii. ADB-funded Climate/Multi-hazard Risk Assessment for Niue's Transport Network**
- viii. MFAT-funded full feasibility study of developing the Port of Alofi**

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

(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	<b>Post: Land Information New Zealand is the Primary Charting Authority. Niue doesn't have a National Hydrographic Service established</b>  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	<b>Ministry of Infrastructure is the Competent Authority to meet Niue's SOLAS obligations.</b>
-Web site -site web -sitio web	<a href="http://www.gov.nu">www.gov.nu</a>
<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	<b>19 October</b>
-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	
<b>Agency information/ Information sur l'agence/ Información sobre la agencia</b>	
-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	<b>2 (published by LINZ)</b>

-Total number of paper charts published-Nombre total de cartes papier publiées-Número total de cartas de papel publicadas	<b>1 (published by LINZ)</b>			
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	<b>2 (published by LINZ)</b>			
-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. Consider using the IHO Online Form System, see reference B)

C-55 Summary for:				<b>Comments on Charts:</b> 1. In 2019 under the Pacific Regional Navigation Initiative (PRNI) a chart improvement programme got underway to incorporate existing and new survey data. New charts for Niue and Beveridge Reef were published in April 2021. 2. All Niue charts were renumbered and incorporate the two-digit country code NU
Country:	NIUE			
Country Iso Code:	NU			
Country SubCode:				
INT Region:	L			
Country/Depend:	C			
Last updated:				
Provided by:	Niue			
<b>Chart coverage</b>	<b>Passage (%)</b>	<b>Coastal (%)</b>	<b>Port (%)</b>	<b>Comments on Surveys:</b> 1. In 2016 a hydrographic risk assessment was completed under PRNI. This identified priority areas for survey, agreed with the Government of Niue. 2. In 2017 and 2018 under PRNI two outlying reefs, Beveridge and Antiope, were covered by SDB. Beveridge Reef was further surveyed with ALB. 3. In general, depths >200m are attained very close to Niue's fringing reef and Beveridge Reef. A SPC MBES survey of 2008 around Niue is incorporated in the charts. There is no current priority to survey depths >200m around Beveridge Reef. 4. Data from NOAA cruise HS91 292/293 was identified following SWPHC16 workshop
INT	100	100	0	
RNC	100	100	80	
ENC	100	100	80	
<b>Status of Paper Charts</b>				
Paper charts with depths in meters (%)			100	
Paper charts referenced to a satellite datum (%)			100	
<b>Status of surveys</b>	<b>Adequate (%)</b>	<b>Resurvey (%)</b>	<b>No survey (%)</b>	
0-200m	100			
> 200m	1	20	79	

				<p>on Data Discovery and will be incorporated in the charts as will the recent (2019) MBES survey for the Manatua submarine cable.</p> <p>5. Data received from the Royal NZ Navy survey (July 2022) of the wharf and surrounds, Avatele and Namukulu channels and their surrounds. No changes required to the charts.</p>
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<b>MSI</b>	<b>Y/N</b>	<b>Comments on MSI:</b>
Local warning	Partial	Provided by the National MSI Coordinator, Telecom Niue Ltd (TNL) and Broadcasting Corporation of Niue (BCN). Passed to NZ
Coastal warning	Y	Provided by TNL
Nav warning	N	Through NAVAREA XIV
Port warning	Partial	Changes passed to charting authority (NZ). Provided by the National MSI Coordinator, Telecom Niue Ltd (TNL) and Broadcasting Corporation of Niue (BCN).
<b>GMDSS</b>	<b>Y/N</b>	<b>Comments on GMDSS:</b>
Master Plan		
Area A1		
Area A2		
Area A3		
NAVTEX		
SafetyNet		

## National MSI Self-Assessment

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

(Please provide the information in English)

## 1. Maritime area

*Niue's Coastal Navigational Warning area covers ~15 NM for broadcasting of navigational warnings via Niue's Marine Radio on VHF.*

## 2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Ministry of Infrastructure	+683 4194		<a href="mailto:Lynsey.Talagi@gov.nu">Lynsey.Talagi@gov.nu</a>

## 3. GMDSS Master Plan

*Report on the status of the GMDSS Master Plan: Is it up to date? NO*

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:

## 5. Operational Issues:

**MSI included in 'Section 19: Notices to Mariners and Navigational Warnings' of the Maritime Safety Act 2021. Implementation in progress.**

## 6. Contingency Planning

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

7. Capacity Building

**Training required for (a) marine radio operators due to staff turnover, (b) the new Maritime Coordinator appointed in October 2024, and (c) maritime stakeholders.**

8. Other Activities

*N/A*

9. National Maritime Website

*N/A*

10. Recommendations

**More training is required for relevant stakeholders and implementation of Section 19 of the Maritime Safety Act 2021.**

11. Summary

**This self-assessment report highlights the MSI activities for the year 2024. Implementation of the Maritime Safety Act 2021 is in progress. Training is still required for staff due to turnover, etc.**