

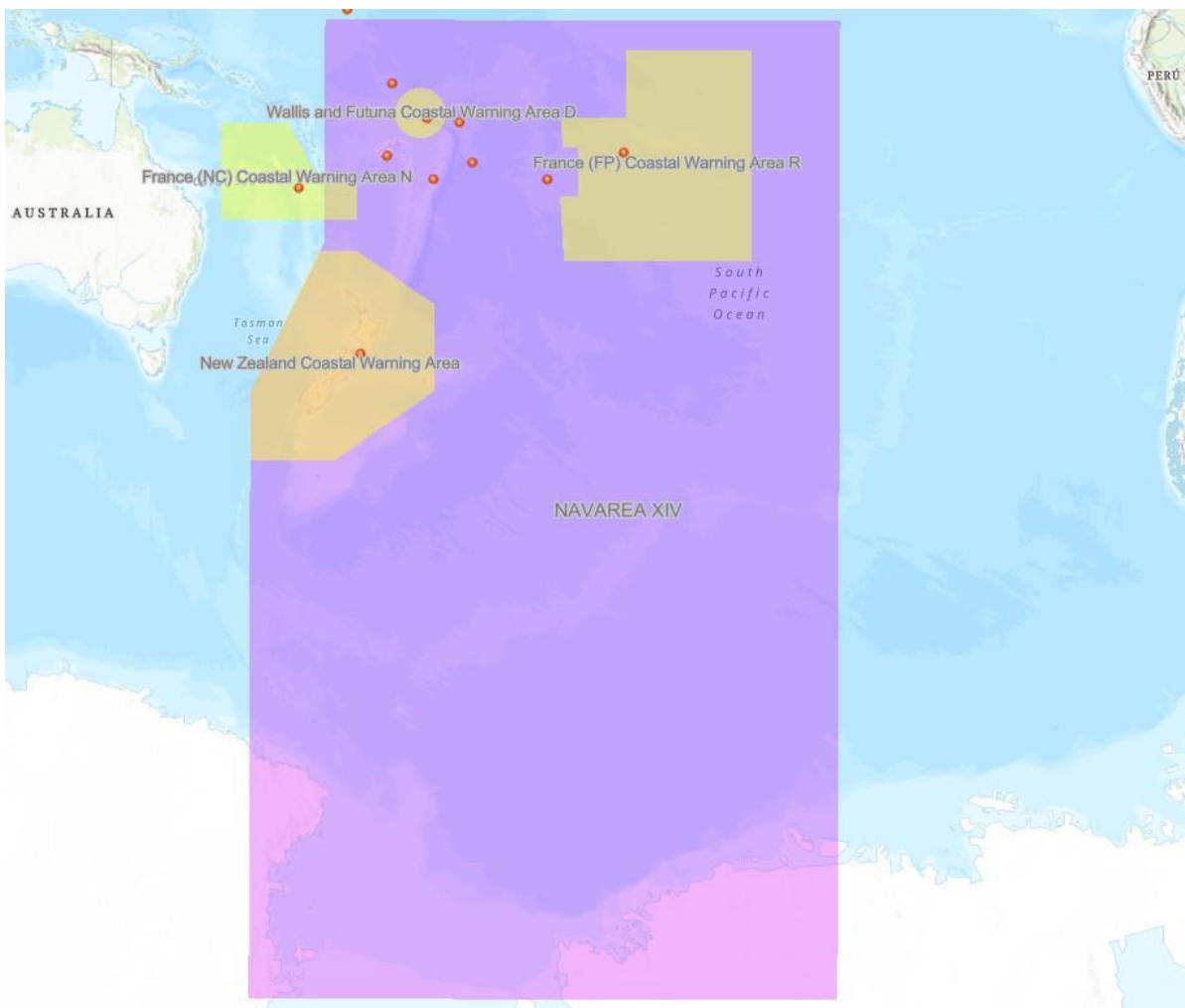
MSI in NAVAREA XIV

Submitted by New Zealand/NAVAREA XIV Coordinator

1. Background:

The limits of NAVAREA XIV are given as:

00°00N, 170°00E
00°00N, 120°00W
78°80S, 120°00W
78°80S, 160°00E
45°00S, 160°00E
29°00S, 170°00E
00°00N, 170°00E



NAVAREA XIV with all Coastal Warning Areas depicted

The NAVAREA XIV coordinates have been amended to form a closed polygon. This removes the area descriptor “to the Antarctic Coast”, facilitating the possible future inclusion of NAVAREA polygons in the IMO GMDSS Master Plan module of GISIS and easier ingest by recognized mobile satellite service providers. This extends NAVAREA XIV south to enclose the Ross Sea at the northern limit of the permanent Ross Ice Shelf. The extended polygon is entirely over land and there are no NAVAREAs south of this.

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NAVAREA XIV and New Zealand Coastal Warnings are broadcast via:

Taupo Maritime Radio ZLM (Radio Telephony) at the first scheduled time following receipt and then at the scheduled times as per ALRS Vol 3(2) whilst the warnings are in force or until they have been promulgated by other means; and

EGC as follows:

Inmarsat - SafetyNET II service via the Pacific Ocean Region (POR) and Atlantic Ocean Region – West (AOR-W) satellites, through the Inmarsat Maritime Safety Servers for broadcast to Inmarsat C and Mini C via the Network Control Station (NCS) and to Fleet Safety via the Broadband Global Area Network Satellite Access Station (BGAN SAS). Warnings broadcast on receipt and scheduled at 0900 and 2100 UTC.

Iridium – SafetyCast service via the Iridium Gateway Server through all satellites covering the New Zealand areas of responsibility.

Maritime New Zealand completed development of a user interface to enable broadcasting of navigational warnings and SAR information via the APIs implemented by Inmarsat and Iridium. From 8 August 2023 all NAVAREA XIV and New Zealand Coastal Warnings have been submitted and managed via this interface, which has significantly increased efficiency and accuracy by eliminating the need to interact with the individual satellite provider interfaces.

Operational Points of Contact for National Co-ordinators within the NAVAREA, verified October 2023.

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Cook Islands	Ministry of Transport	(W) +682 28810 (M) +682 77403		marah.tairi@cookislands.gov.ck MOT.maritime@cookislands.gov.ck
France (FP)	JRCC Tahiti	+689 405 41616	+689 404 23915	contact@jrcc.pf
Fiji	Maritime Safety Authority of Fiji (MSAF)	+679 331 5266		msi@msaf.com.fj skumar@msaf.com.fj
Kiribati	Ministry of Information, Communications and Transport (MICT)	(W) +686 74026003 Ext 232 (M) +686 73022727		eritaia.tauro@mict.gov.ki
France (NC)	MRCC New Caledonia	+687 292121	+687 292 303	operations@mrcc.nc
New Zealand	RCCNZ	+64 4 577 8030	+64 4 577 8038	rccnz@maritimenz.govt.nz
Niue	Ministry of Infrastructure	+683 888 6983		Lynsey.Talagi@gov.nu
Samoa	Maritime Division, Ministry of Works, Transport & Infrastructure	(W) +685 21611 (M) +685 7187589	+685 22671	sonny.brown@mwti.gov.ws makerita.atoa@mwti.gov.ws
Tonga, Kingdom of	Ministry of Infrastructure, Marine & Ports Division	(W) +676 (TBA) (M) +685 778 3878		limatelefoni@gmail.com ktonga20@gmail.com
Tuvalu	Department of Marine and Port Services Ministry of Transport, Energy and Tourism	+688 20055		taasi.pitoti@gmail.com TPitoti@gov.tv
Wallis & Futuna	MRCC New Caledonia	+687 292121	+687 292 303	operations@mrcc.nc

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2. Comments:

The NAVAREA XIV Coordinator six monthly communications checks with the nine National Coordinators (outside of New Zealand) continue, and this has proven to be an effective method to ensure contact details are correct.

NAVAREA XIV EGC Messages

2021	2022	2023
232	270	224

Subjects of NAVAREA XIV Warnings included casualties to AtoNs, drifting hazards, wrecks located, military exercises, pipe and cable laying operations, rocket launching and space debris, tsunami threats and malfunction of shore-based MSI services.

MSI Received from Coastal States within NAVAREA XIV

Coastal State/Country	Number of MSI messages	Topics/Subjects of messages	MSI Courses Attended
Cook Islands	3	AtoNs	2010, 2014, 2016, 2018, 2023
Fiji	41	AtoNs, Cable laying ops, Pipeline installations, Wrecks, Tropical cyclone damage, Towing of large floating dock	2010, 2014, 2016, 2018, 2023
France (French Polynesia)	90	Military exercises, Space debris, Drifting hazards, Towing operations and AtoNs	2010, 2014, 2016, 2018*
France (New Caledonia)	21	Military exercises, Drifting hazards and SAR operation	2010, 2014, 2016, 2018*
Niue	1	AtoNs	2016, 2018
Samoa	1	AtoNs	2016, 2018, 2023
Tonga	7	AtoNs, Volcanic activity, military exercises	2010, 2014, 2016, 2018, 2023
Tuvalu	0		2016, 2018
Wallis & Futuna	1	Survey	Covered by New Caledonia
Kiribati	1**	AtoNs	2016, 2018, 2023

*SHOM has confirmed that French naval staff providing MSI services in these French overseas territories receive MSI training in France, prior to deployment, so additional training at SWPHC MSI courses is not required.

**Kiribati lies mostly within NAVAREA XI and all MSI is sent directly to the NAVAREA XI Coordinator

3. National reports

As part of the October 2023 communications checks, an email was sent reminding the NAVAREA XIV National Coordinators to complete the MSI Self Assessments at Annex C of their National Reports.

4. NAVTEX Coverage:

N/A

5. Operational Issues:

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Nil

6. Capacity Building:

Between 25th and 27th July 2023, Fiji Hydrographic Office hosted a SWPHC Maritime Safety Information (MSI) Training Course in Nadi, Fiji, supported by the IHO capacity building fund. The training course was co-led by the NAVAREA XIV Coordinator (Maritime New Zealand) and the NAVAREA X Coordinator (Australian Maritime Safety Authority) with additional instructional support from Maritime Safety Authority Fiji and MNZ/AMSA. The course was attended by 20 students from:

- Cook Islands,
- Fiji
- Federated States of Micronesia
- Kiribati
- Papua New Guinea
- Republic of Marshall Islands
- Republic of Palau
- Samoa
- Solomon Islands
- SPC (Pacific Community)
- Tonga
- Vanuatu

Link to the training course report: : https://iho.int/uploads/user/Inter-Regional%20Coordination/WWNWS/WWNWS15/WWNWS15_5.3.2_2023_EN_MSI_Course_Fiji_Report.pdf

7. Other Activities:

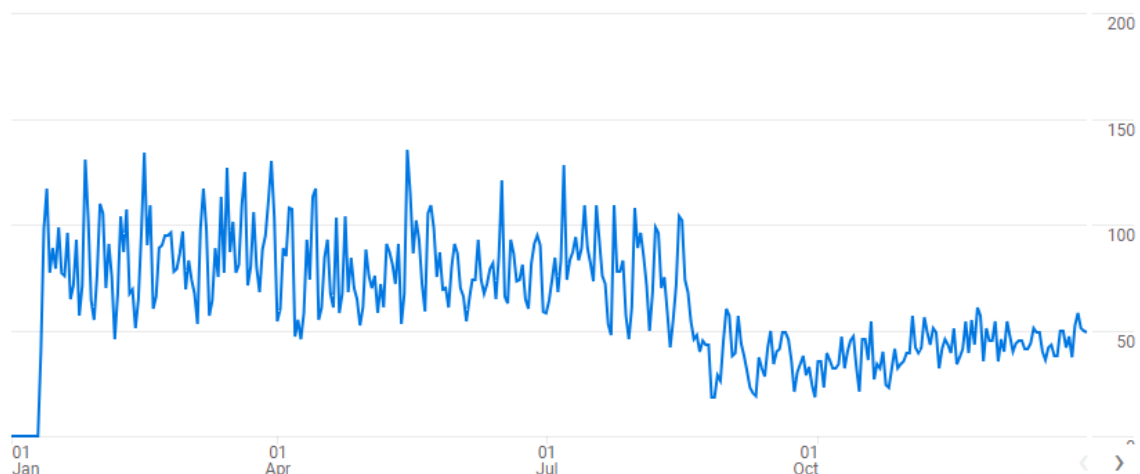
The NAVAREA XIV Coordinator attends meetings of the WWNWS SC, EGC API WG, IHO DRWG, S-124 PT, IMO EGC Coordinating Panel, NCSR, MSC and is engaged with the MSI&SAR CG and Revision of resolution A.1001(25) CG.

8. NAVAREA Website:

NAVAREA XIV warnings in force: www.maritimenz.govt.nz/navarea

During 2023, the NAVAREA XIV web page received 23,232 page views.

Views by Page title and screen class over time



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The NAVAREA XIV website is updated in near-real time. The date and time of the last update is displayed on the web page.

9. NAVAREA Contact Information:

NAVAREA XIV Coordinator
Maritime New Zealand
RCCNZ
41 Percy Cameron Street, Avalon Studios Level 1
PO Box 30050
LOWER HUTT 5040
New Zealand
Tel: +64 4 577 8030 (24 hours)
FAX: +64 4 577 8038 (24 hours)
E-mail rccnz@maritimenz.govt.nz (24 hours)
Website: <http://www.maritimenz.govt.nz/navarea>

10. Actions requested:

SWPHC to note the information provided.

11. Synopsis:

This report highlights the MSI activities for the year 2023.

New Zealand is actively involved with a number of IMO and IHO Sub-Committees and Working Groups, and capacity building in the SWP region for MSI, maritime safety and SAR through the Pacific Community (SPC) and PMSP. The NAVAREA XIV Coordinator is regularly engaging with the National Coordinators in NAVAREA XIV in an effort to improve communications and ensure contact details are correct.