

SOUTH WEST PACIFIC HYDROGRAPHIC COMMISSION

INTERNATIONAL CHARTING COORDINATION WORKING GROUP

(SWPHC ICCWG)

Report for SWPHC 16
13th – 15th Feb 2019, Alofi, Niue

Contact details for amendments:

Chair: Mr Robert Cario
Australian Hydrographic Office

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Background

The SWPHC ICCWG was established in 2012 as a subsidiary of the SWPHC. It is made up of Producer Nations who publish Paper chart and ENC's in the SWPHC geographic area.

Its main responsibility is for the coordination of Nautical Charting in the region, ensuring the Paper Chart INT series is comprehensive and current and the ENC coverage is appropriate. The main focus is on paper Charts at 1:500,000 and smaller and ENC nav Purpose 1 and 2 coverage.

The group operates as a correspondence group.

Current SWPHC ICCWG Members

Australia (chair) Robert Cario – robert.cario@defence.gov.au

France - Ronan Pronost - ronan.pronost@shom.fr

New Zealand - Rachel Gabara - rgabara@linz.govt.nz

UK Andy Willett - andy.willett@ukho.gov.uk

USA - Shepard Smith - shep.smith@noaa.gov

SWP Countries and their Charting Producer Nations

SWPHC nations

Primary Charting Authority (PCA)

Members:

Australia

Australia

Fiji

UK

France

France

New Zealand

New Zealand

Papua New Guinea

Australia

Tonga

New Zealand

UK

UK

USA

USA

Vanuatu

UK

Associate Members:

Cook Islands

New Zealand

Kiribati

UK

Niue

New Zealand

Palau

USA (NGA)

Solomon Islands

Australia

Indonesia

Indonesia

Observer:

New Caledonia

France

Intergovernmental Observer Organization:

Secretariat of the Pacific Community (SPC)

Fed States of Micronesia	USA (NGA)
Marshall Islands	USA (NGA)
American Samoa	USA
Pitcairn Islands	UK
Guam	USA
French Polynesia	France
Nauru	UK
Northern Mariana Islands	USA
Samoa	New Zealand
Tokelau	New Zealand
Tuvalu	UK
Wallis and Futuna	France

S-11 Part B, Region L updates

Updates are now managed through INTernational Chart Web Manager

Paper INT charts produced since the last conference:

Updates are now managed through INTernational Chart Web Manager

Nav Purpose 1 and 2 ENC produced since last conference:

None reported

INT Charts and 1 & 2 ENC underway:

None reported

Proposals for New INT Charts

- On French waters around New Caledonia, SHOM is producing a chain at scale 1:300000. FR6768 (INT6844), FR6686 (INT6843) - expected to be published in 2020
- LINZ plan to withdraw paper chart NZ14630 (INT630) as it has multiple overlaps with various charts. NZ93 INT chart will cover for the withdrawal (see fig.1 below).
 - LINZ propose new INT number NZ214628 as it is available and will fit in with other NZ charts in the area (see fig.2 below).
 - Stage 1 - Combine the ENC coverage of current NZ214630 and NZ200093 and extend north to fill in the small gap in coverage between NZ214629, NZ200093, GB204652 and FR273680 (requested by IC-ENC).
 - Publish NZ93 as an INT chart and withdraw the current NZ 93 paper chart - expected to be published in FY19/20.
 - As part of the NZ charting work program for FY 19/20 we will be updating the charted coverage of Niue which will include a plan of Beveridge Reef. This work will

involve withdrawing the current NZ 845 Niue and replacing with a new chart national chart that includes plans of Niue and Beveridge Reef – early 2020.

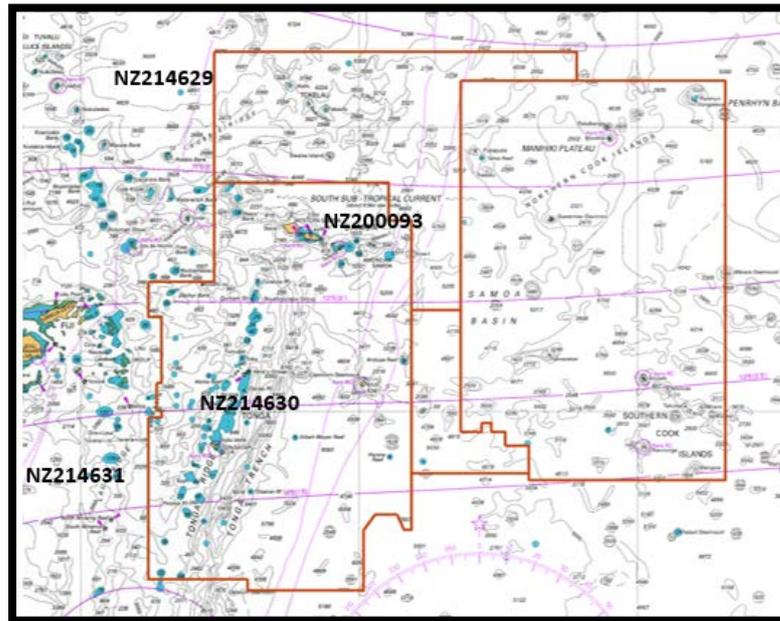


Figure 1 Current ENC Scheme at usage 2

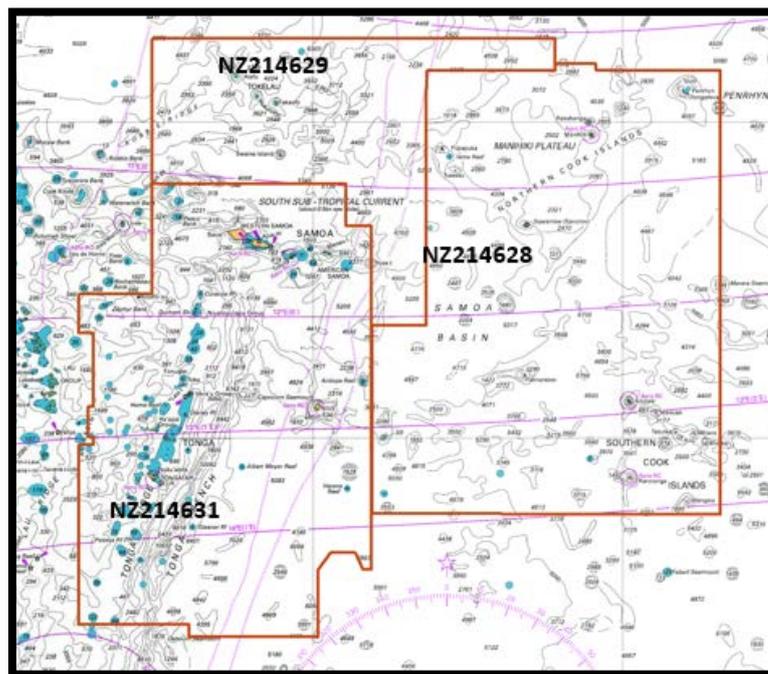
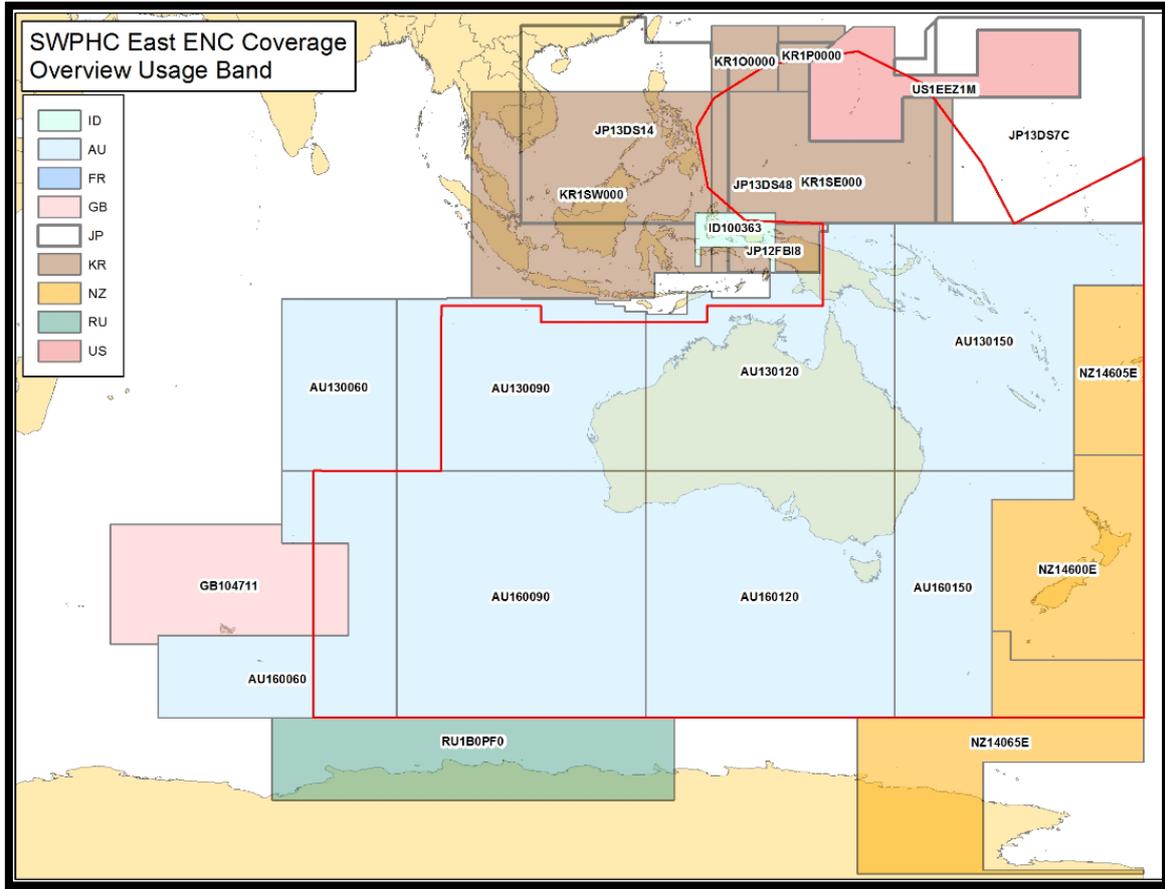


Figure 2 Proposed ENC Scheme at usage 2 (showing approximate boundaries)

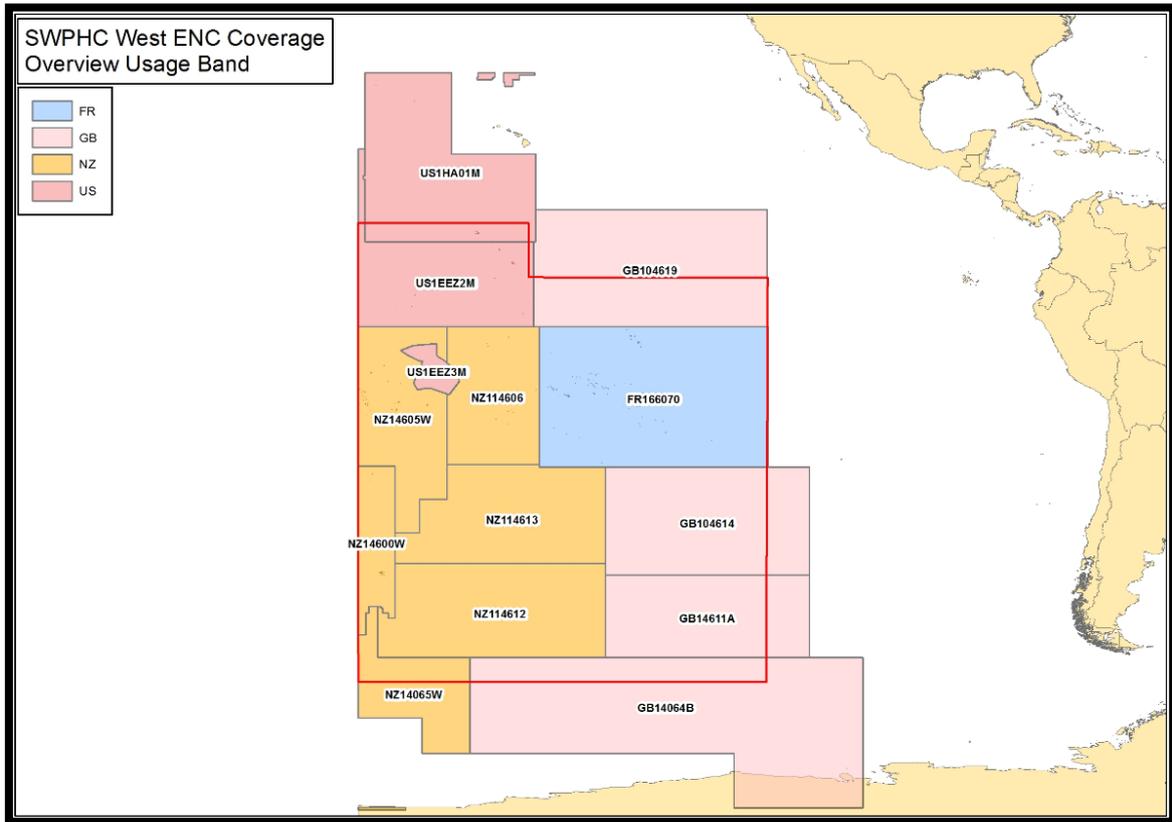
Status of CATZOC U

Australia has 4 coastal ENC's in Region L which include CATZOC - Unassessed. These areas are currently being remediated and new cells to be published in Feb 19. All INT Chart ENC's (Nav Usage 1 & 2) are covered by ZOC U.

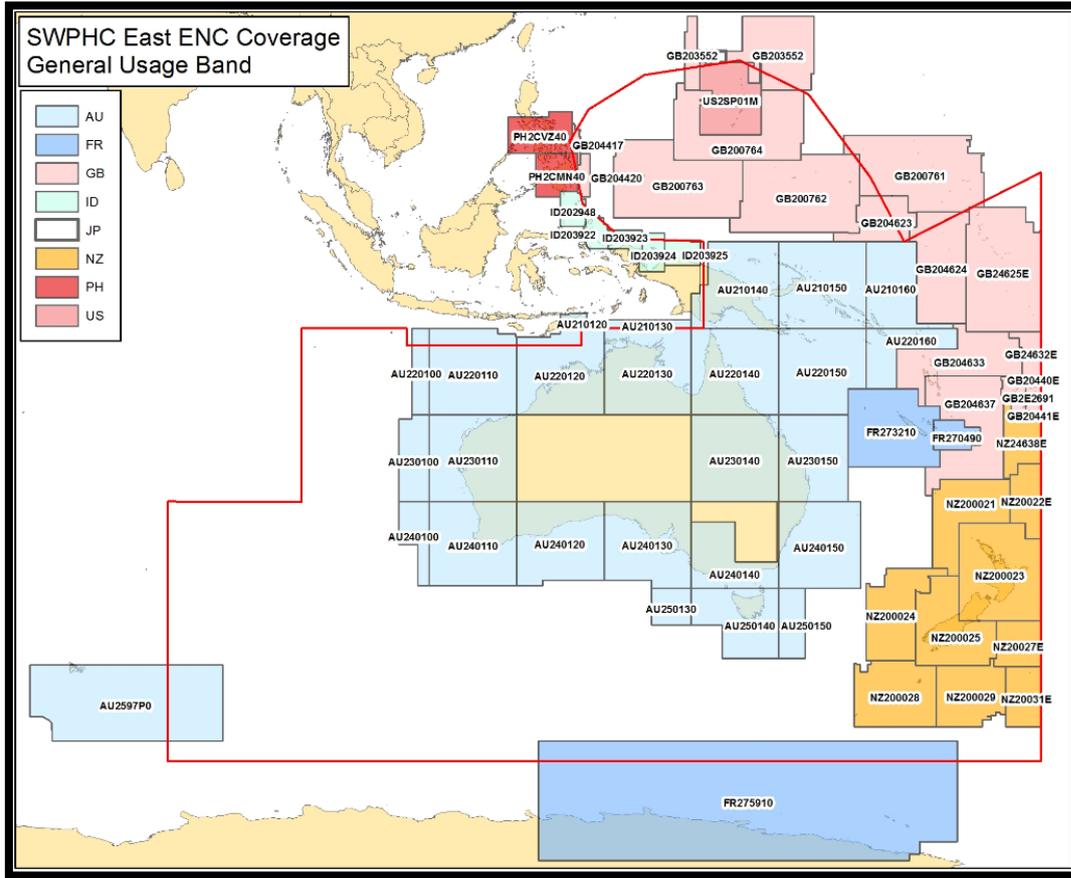
Current ENC – Nav Purpose 1 - Overview (East)



Current ENC – Nav Purpose 1 - Overview (West)

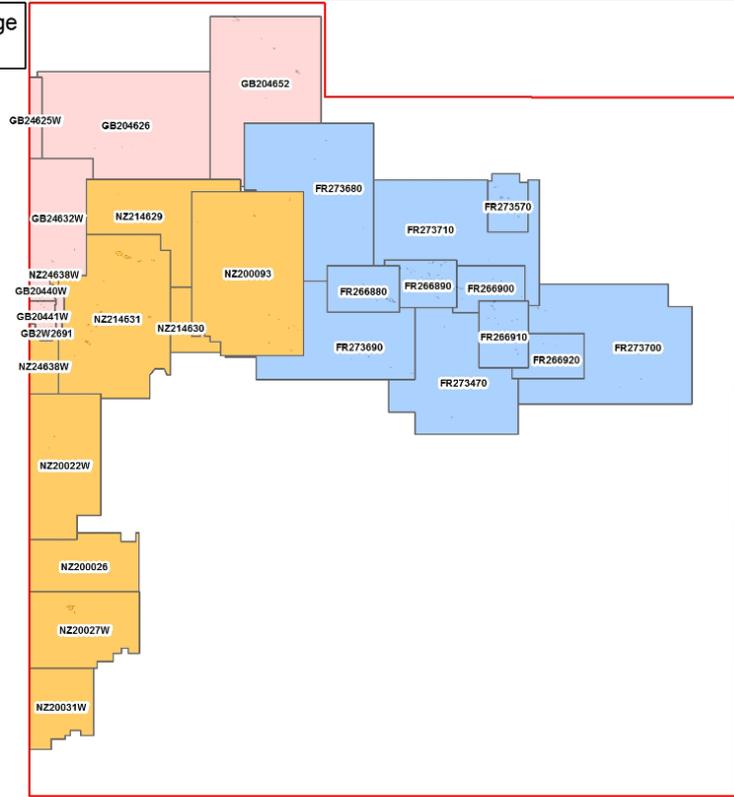


Current ENC – Nav Purpose 2 - General (East)

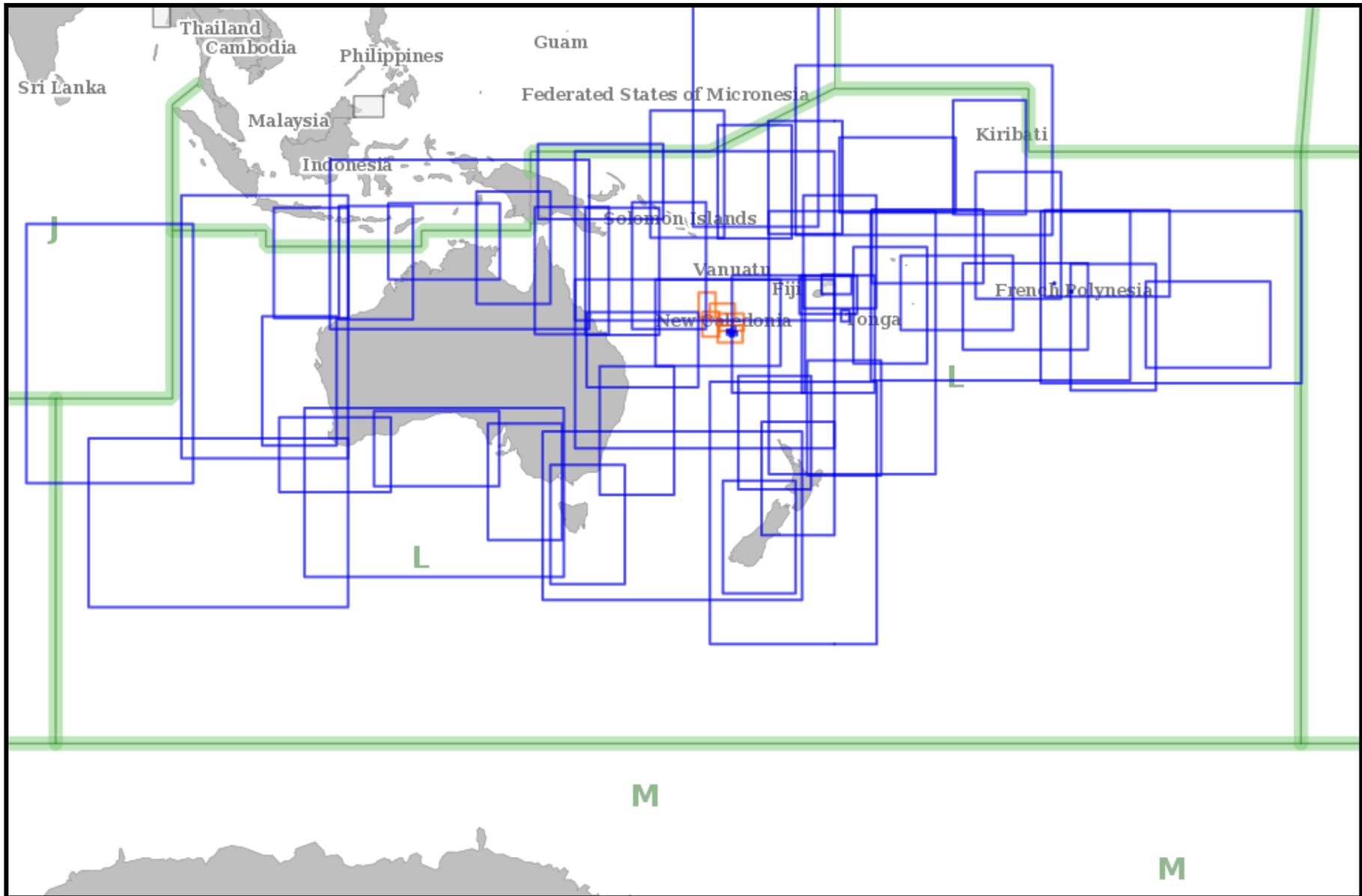


Current ENC – Nav Purpose 2 - General (West)

SWPHC West ENC Coverage
General Usage Band



Current INT Paper charts in SWPHC



Overlaps of Navigation Purpose 1 and 2 ENC cells in SWP

- The following is an extract from a report received from IC-ENC regarding overlaps of ENC in the SWP. Further details can be provided by contacting the ICCWG Chair.

STATUS	RENC Membership	RHC	ENC 1	ENC 2	ENC 1 Scale	ENC 2 Scale	Overall Severity of Risk	Justification	Action requested	Producers
LIVE	IC-ENC	SWPHC/HCA	RU1B0PF0	AU160000	3,000,000	3,500,000	LOW	Overlap is located in the Antarctica, it charts very deep waters. There is a 119m shoal depth which is captured on AU160000 which is not captured on RU1B0PF0. Little traffic as expected.	HOs to discuss and resolve overlaps	RU-AU
LIVE	IC-ENC	SWPHC/HCA	RU1B0PF0	AU160090	3,000,000	3,500,000	LOW	Overlap is located in the Antarctica, it charts very deep waters. Little traffic as expected.	HOs to discuss and resolve overlaps	RU-AU
LIVE	IC-ENC	SWPHC/HCA	RU1B0PF0	AU160120	3,000,000	3,500,000	LOW	Overlap is located in the Antarctica, it charts very deep waters. Little traffic as expected.	HOs to discuss and resolve overlaps	RU-AU
LIVE	IC-ENC - NON RENC	EAHC/SWPHC	US2SP01M	GB203552	931650	500000	LOW (U)	Overlaps are in very deep, little trafficked water.	HOs to discuss and resolve overlaps	US-GB
LIVE	IC-ENC - NON RENC	EAHC/SWPHC	US2SP01M	GB200764	931650	1500000	LOW (U)	Overlaps are in very deep, little trafficked water.	HOs to discuss and resolve overlaps	US-GB

Engagement with Non Producer Nations in SWP

Within the South West Pacific, the Producer Nations of New Zealand, UK, France and Australia have reported good working relationships with the Hydrographic Offices / National Maritime jurisdictions and/or Governments of the countries they chart.

Australia attends the annual Papua New Guinean National Maritime Safety Authority (PNG NMSA) planning meeting to discuss with PNG NMSA and Port and Shipping Company representatives their charting requirements and priorities. Australia has initiated a similar arrangement with Solomon Islands to discuss Charting priorities and survey requirements on an annual basis.

Adherence to WEND principles

ENCs are distributed worldwide via the following mechanisms:

Producer nation	Mechanism
France	PRIMAR RENC
Australia	IC-ENC RENC
New Zealand	IC-ENC RENC
UK	IC-ENC RENC
US	

Recommendations for discussion at SWPHC 16

1. Members of the SWPHC note this report
2. Members agree to the LINZ proposal to make NZ93 an INT chart (INT number yet to be assigned)