

17th Meeting of the Capacity Building Sub-Committee

New Zealand
Pacific Regional Navigation Initiative (PRNI)



International Hydrographic Organization
Organisation Hydrographique Internationale

South West Pacific Hydrographic Commission

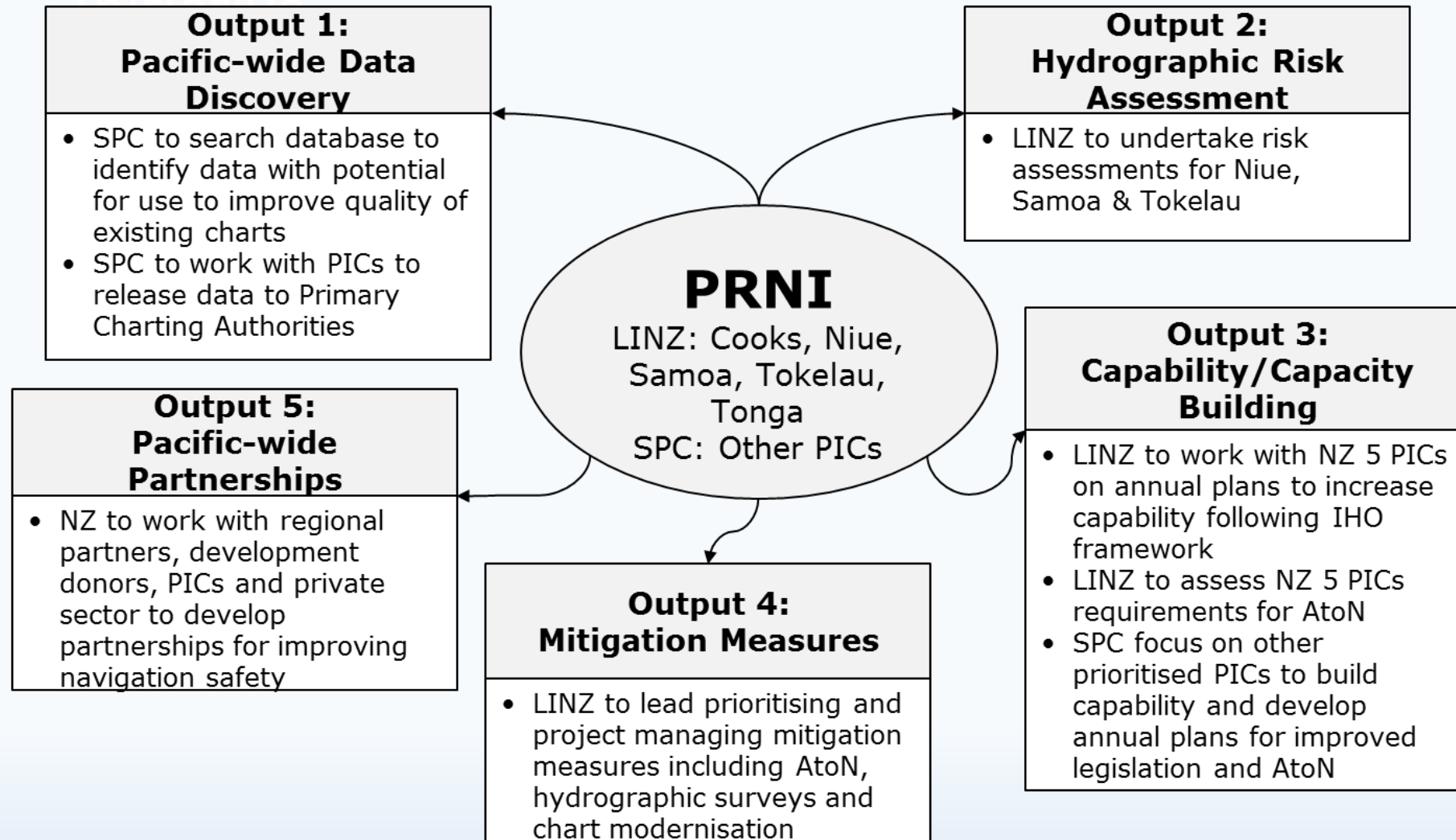


Pacific Regional Navigation Initiative (PRNI)

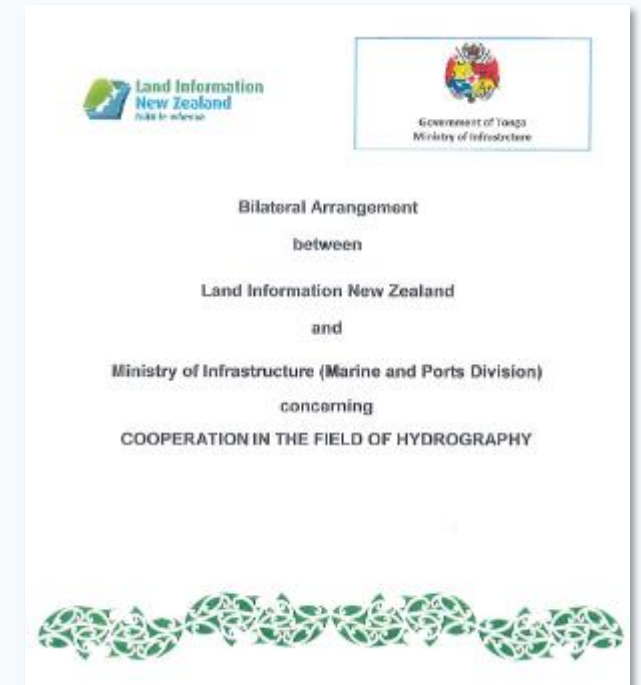
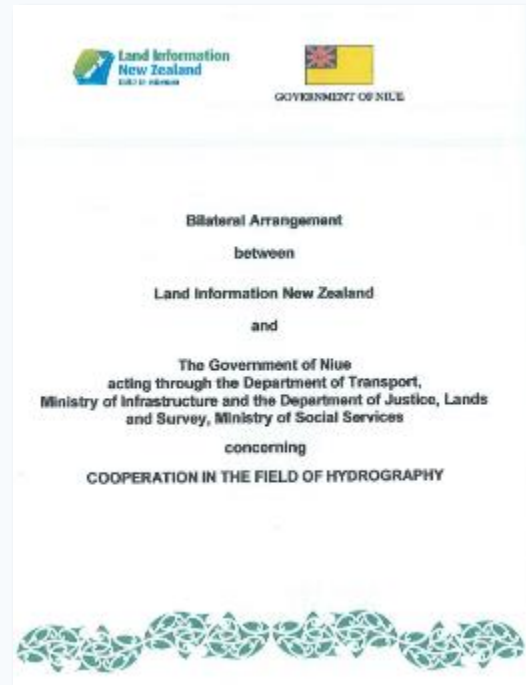
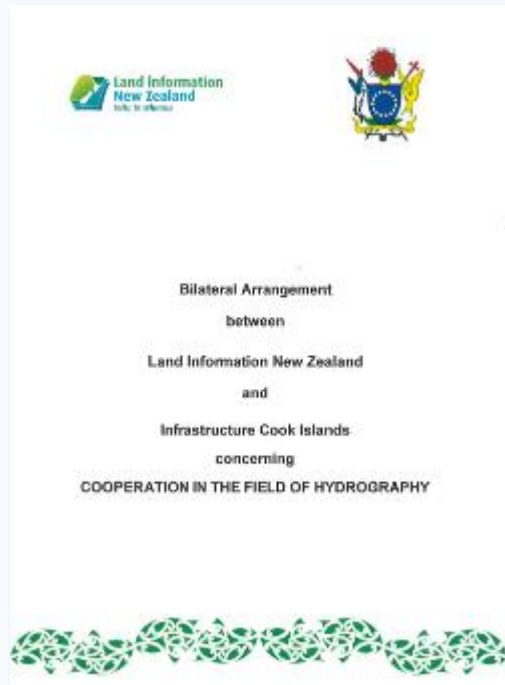
- 2015 - 5 year, \$5 million programme of works
- Partnership with MFAT, LINZ and SPC
- Focus on navigation-related aspects of maritime safety
- Builds on success on SWPRHP – risk assessments in Vanuatu, Tonga and Cook Islands
- January 2018 – an additional \$2.2 million secured
- Programme continues to 2021
- Investigating activities beyond 2021



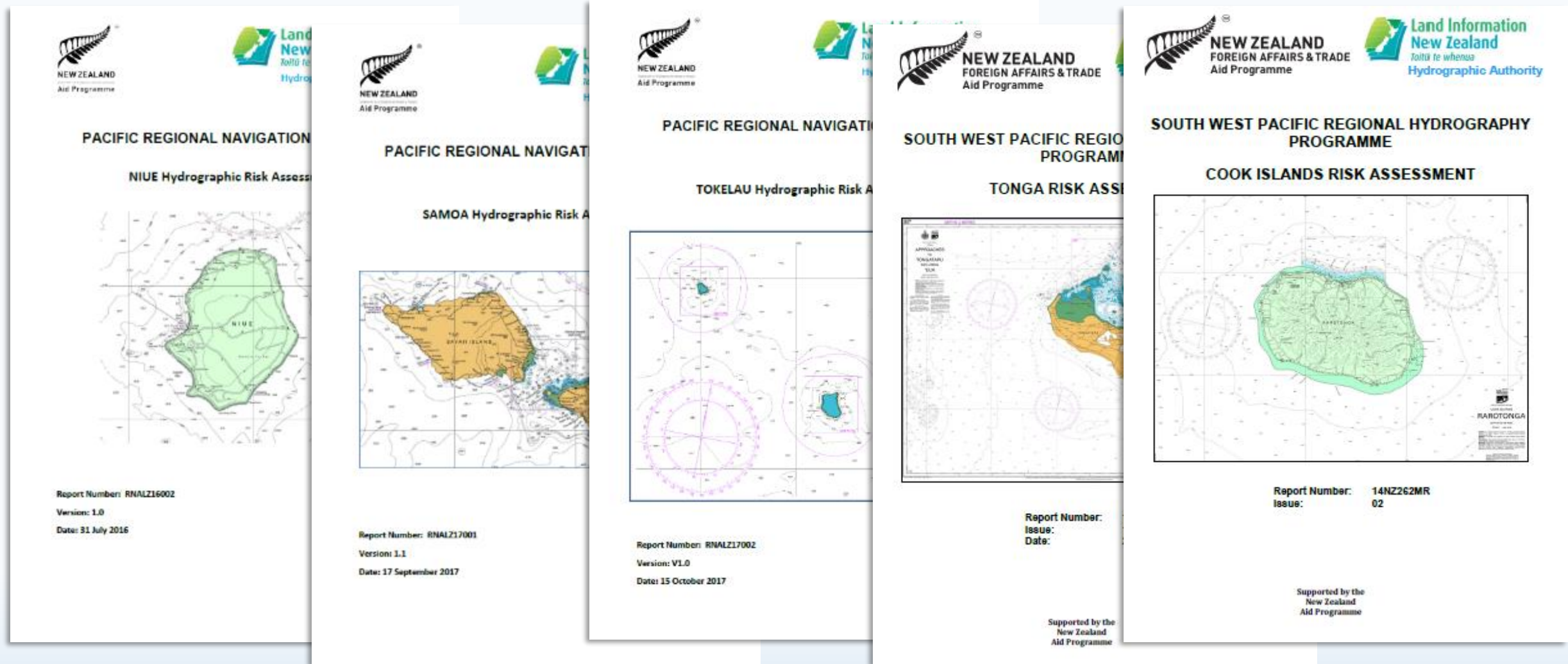
Pacific Regional Navigation Initiative (PRNI)



Bilateral Arrangements



Hydrographic Risk Assessments

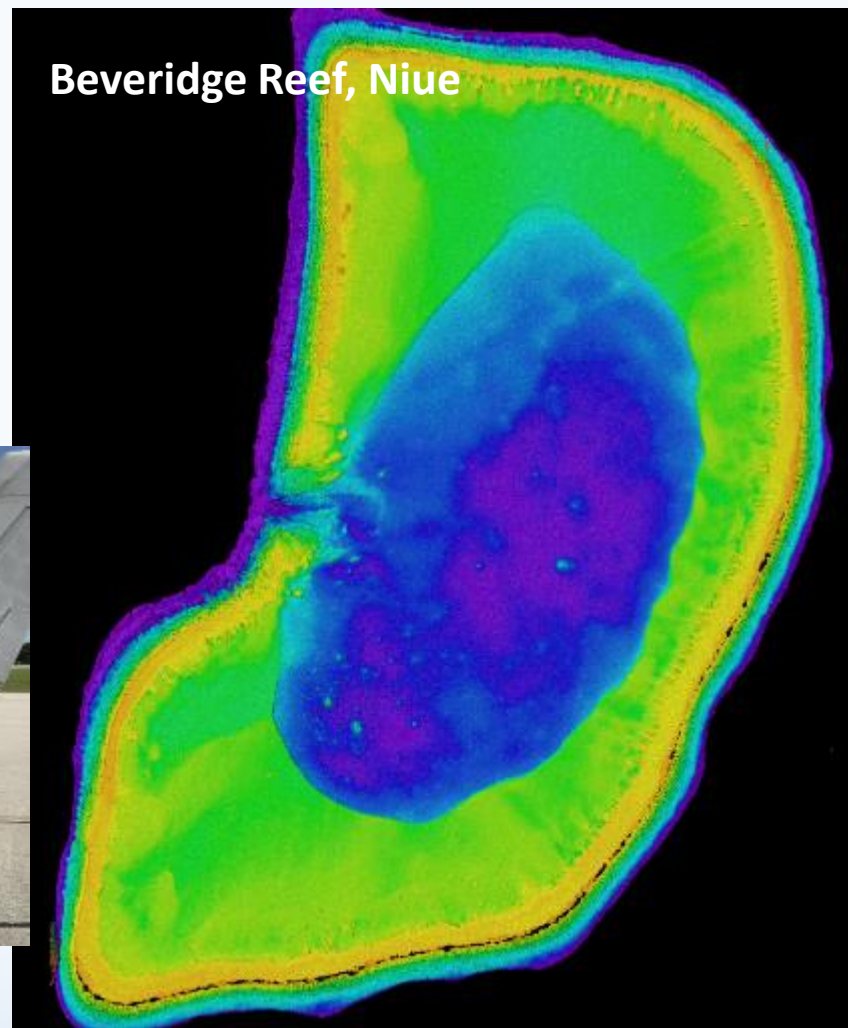
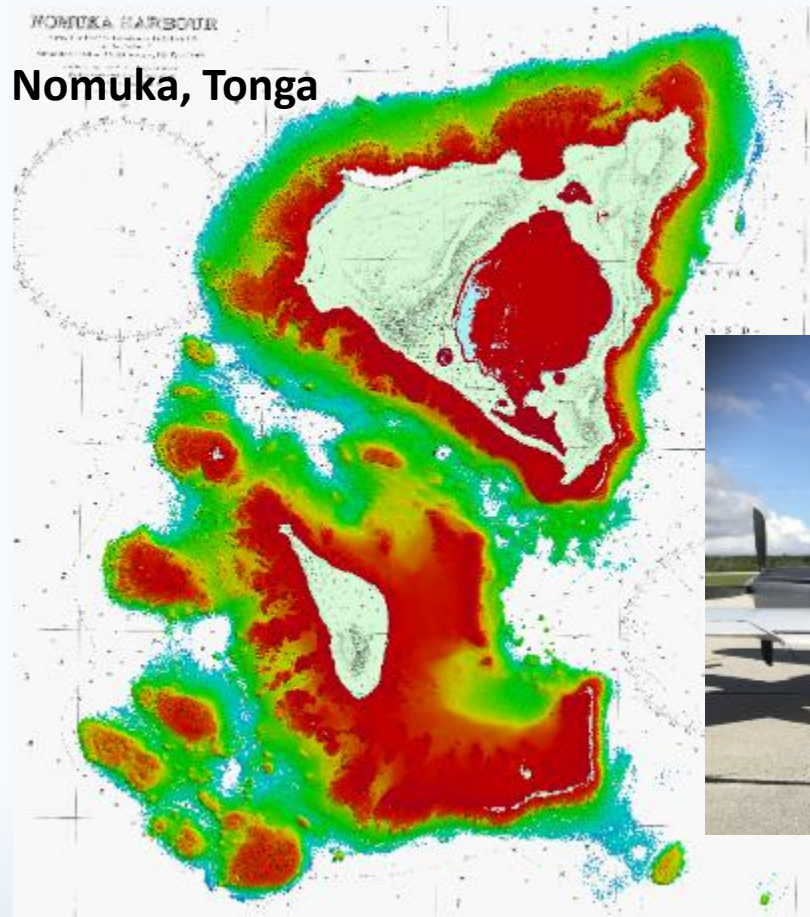


- Satellite Derived Bathymetry (SDB)



Surveys

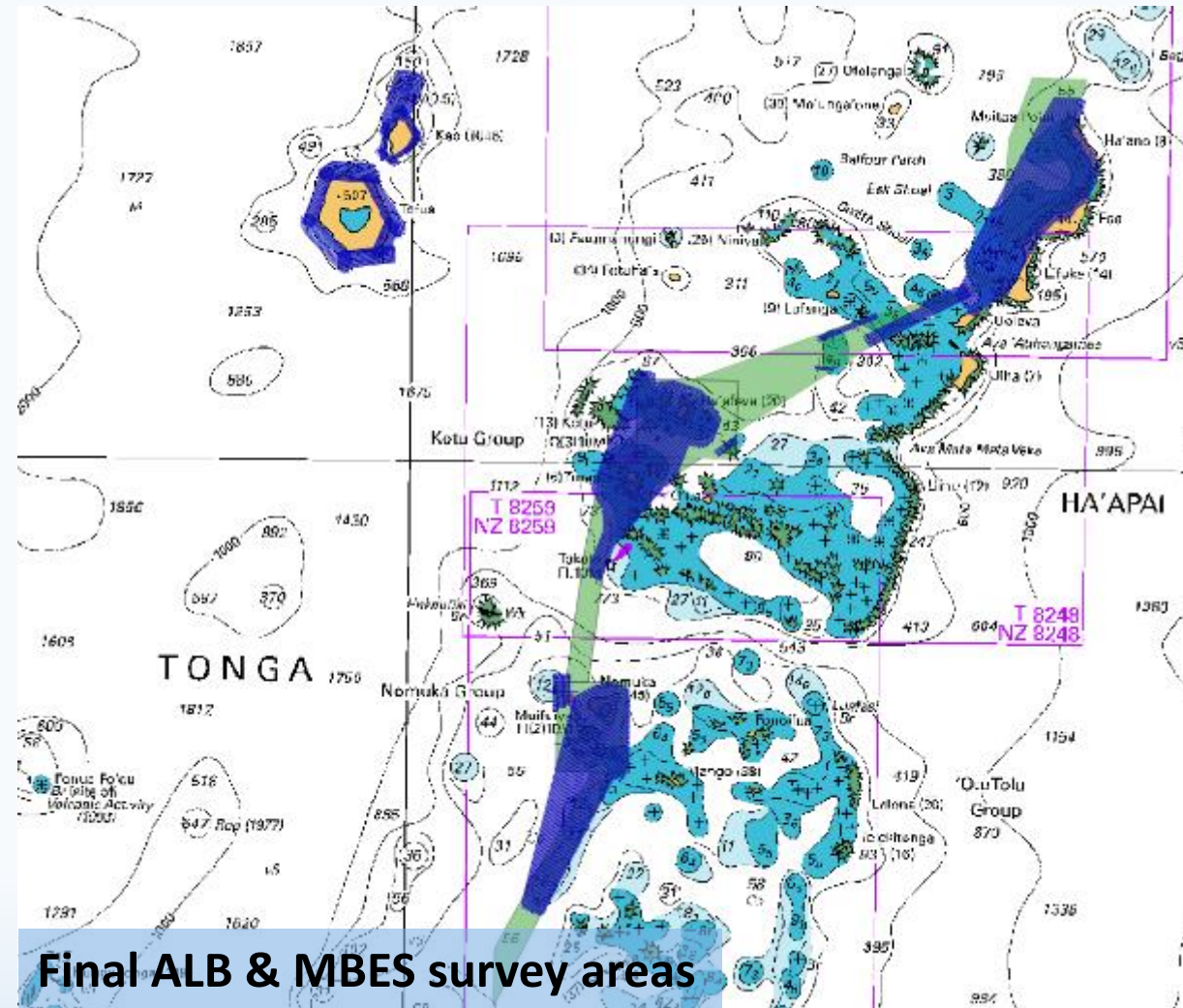
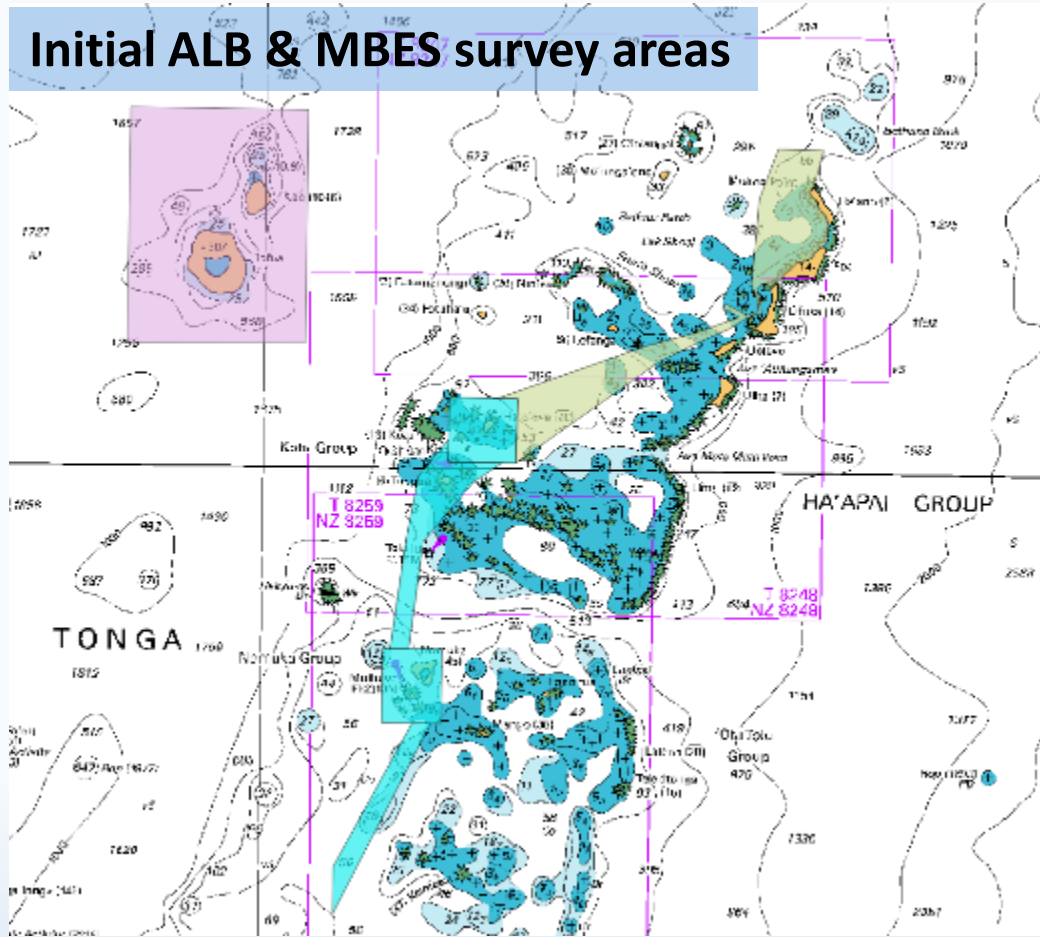
- Airborne Laser Bathymetry (ALB)

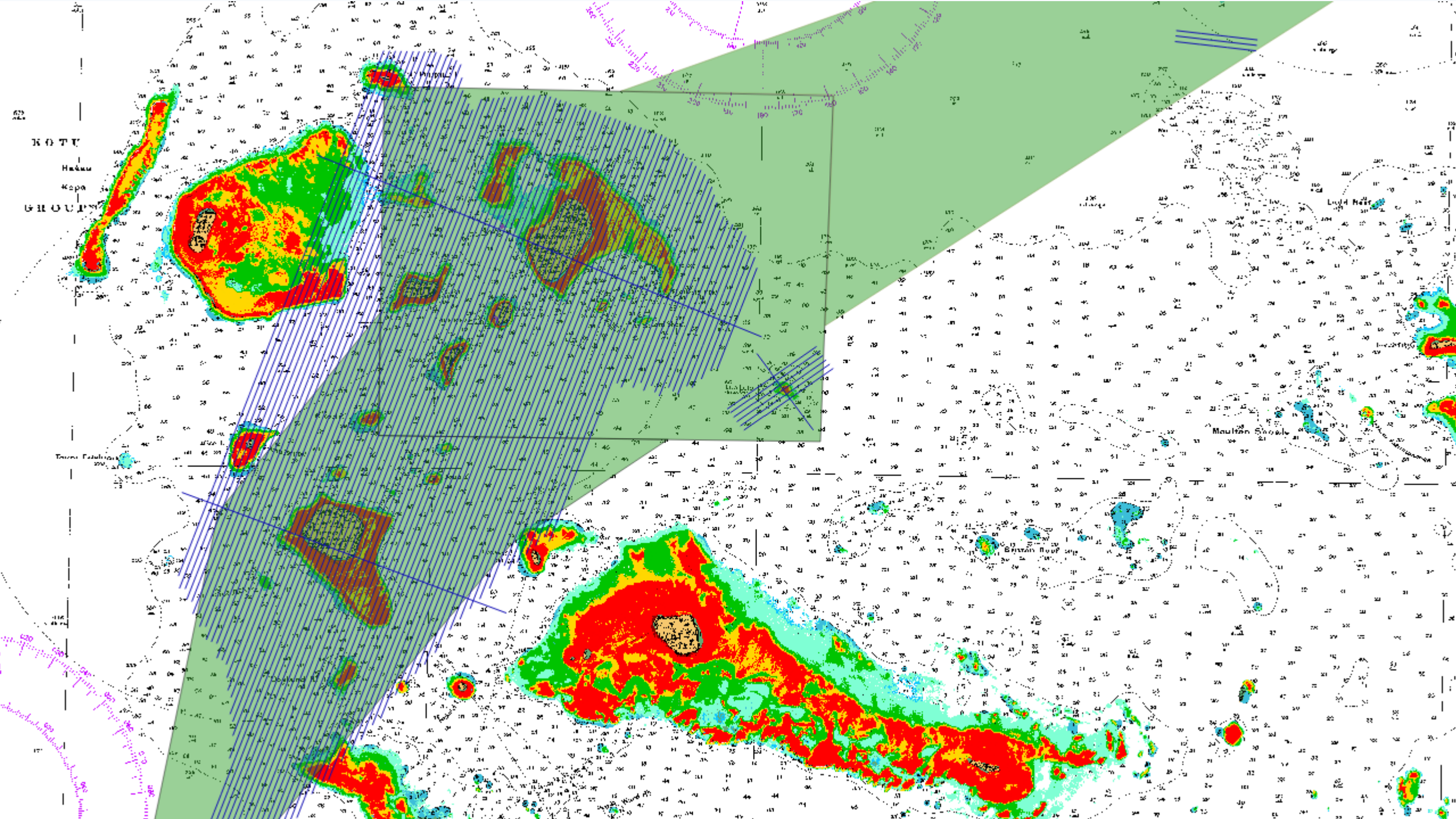


Progress on surveys, charting and MSI

- Surveys: planning (PRNI)

Initial ALB & MBES survey areas



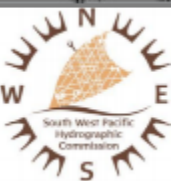
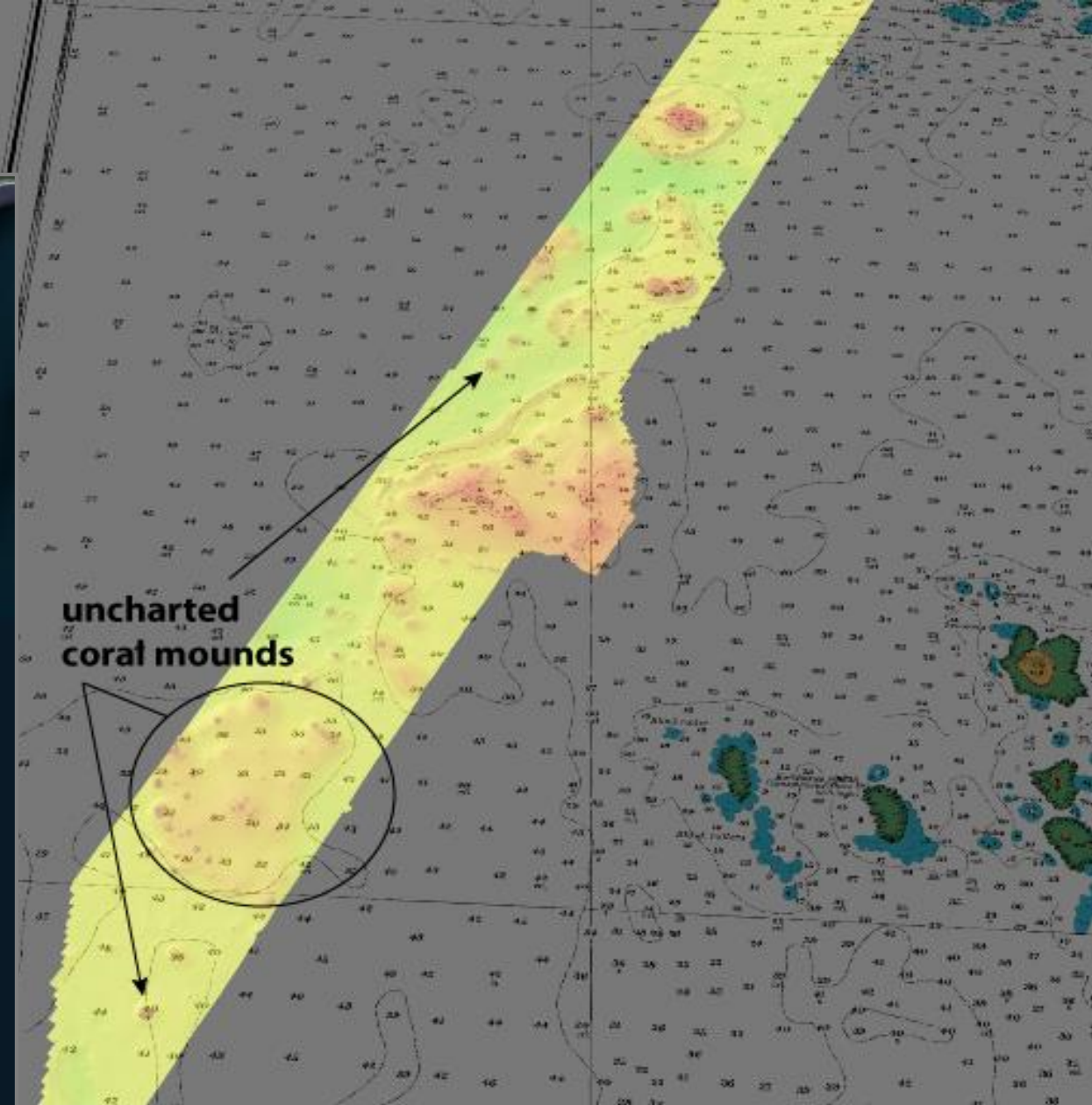
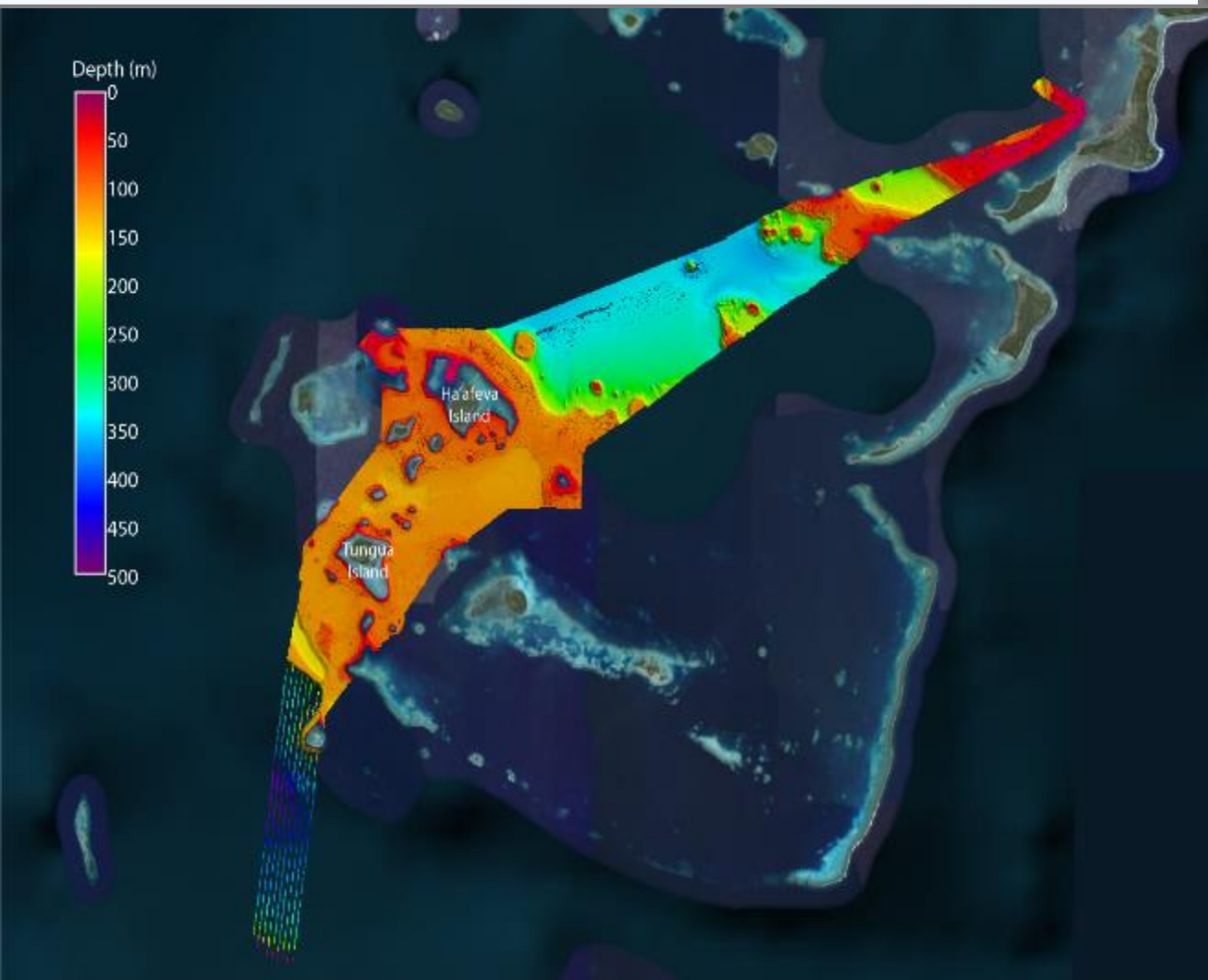


Surveys

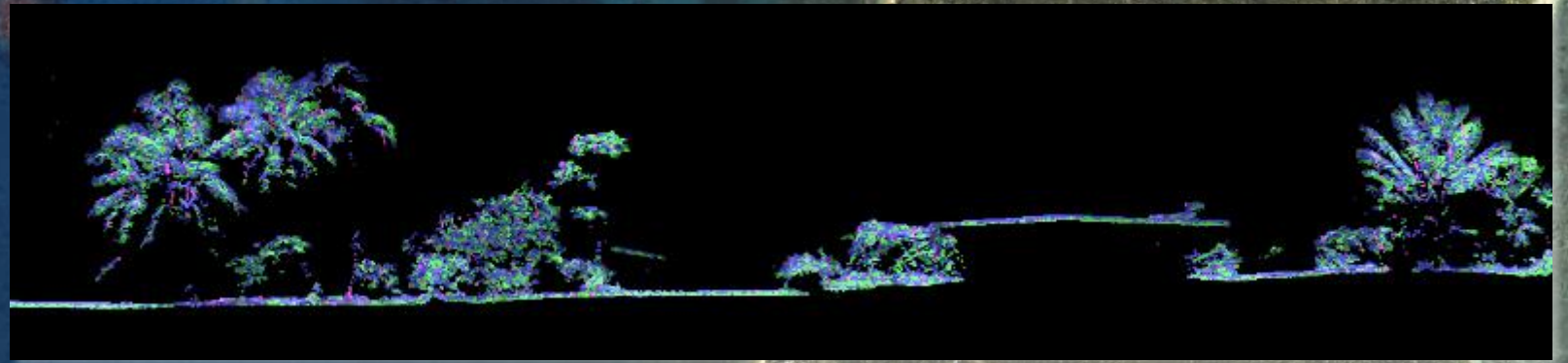
- Multi-Beam Echo Sounder (MBES)



Surveys



More than bathymetry



Future surveys

- Samoa MBES

- Asau
- Matautu Bay
- Salelologa
- Mulifanua
- Vailele Bay
- Saluafata Bay
- Fagaloa Bay
- Aleipata
- Safata Bay
- Siumu Bay

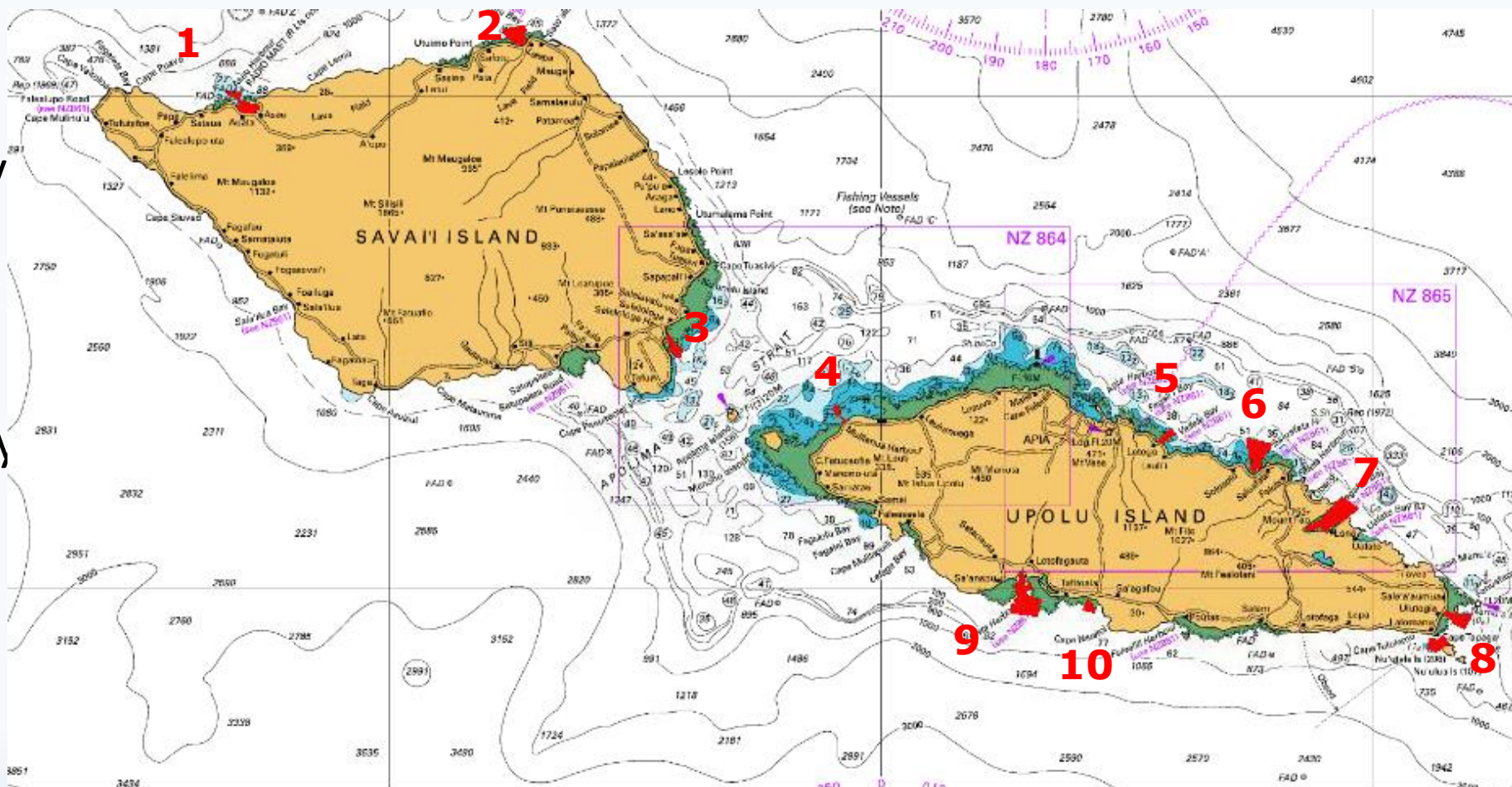


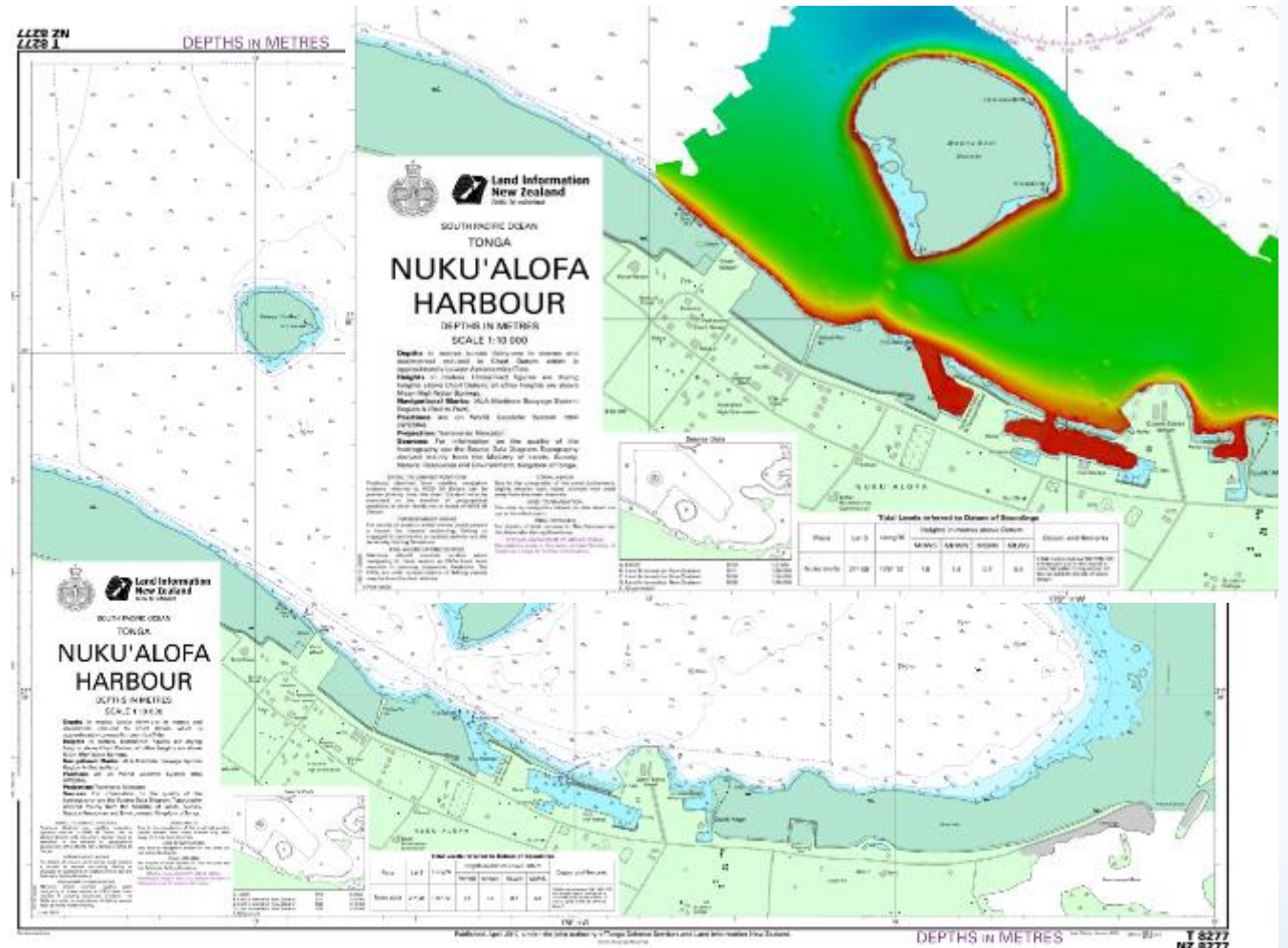
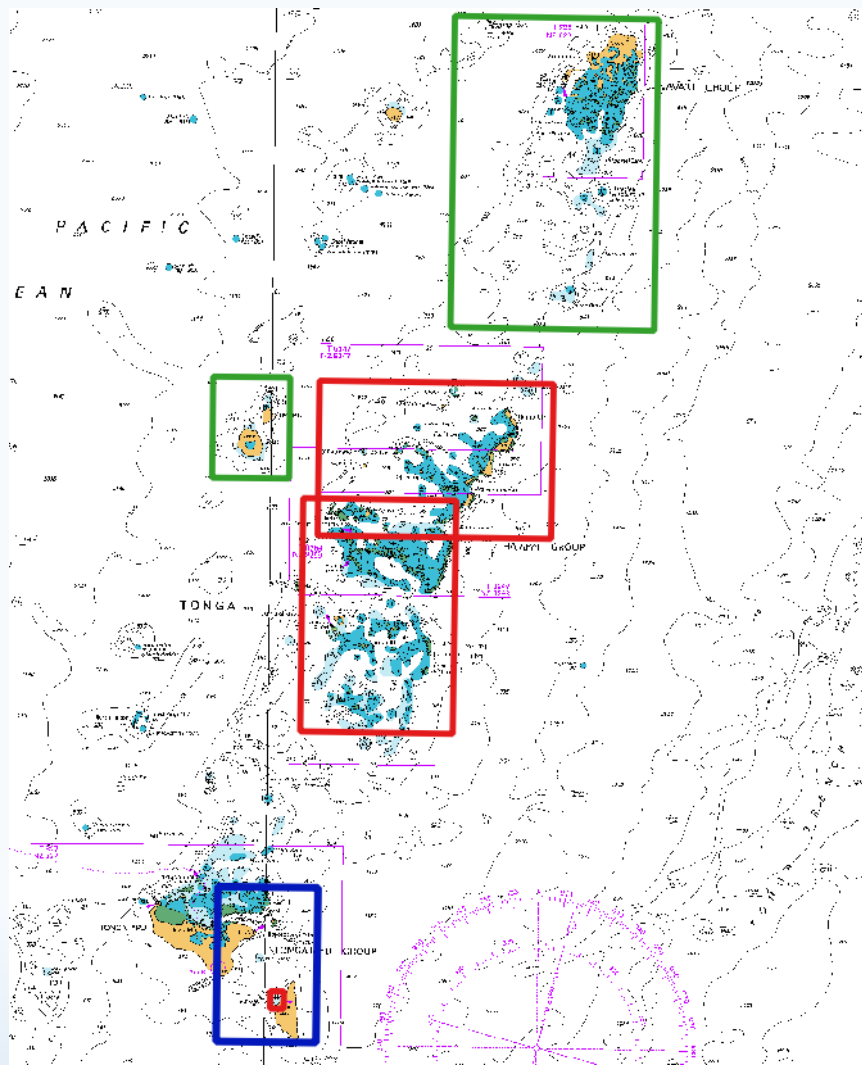
Chart publication schedule

Nation	Paper Charts		ENCs	
	New Edition	New Chart	New Edition	New Chart
Cook Islands	1 (Jun 18) 2 (Feb 19)	-	19 (Jun 18) 3 (Nov 18) 6 (Jan 19)	-
Niue	-	1 (early 2020)	2 (May 18)	3 (early 2020)
Samoa	4 (Feb 18) 2 (Jun 2021)	4 (Jun 2021)*	2 (Jun 2021)	7 (Jun 2021)*
Tokelau	1 (Mar 19)	-	4 (Mar 19)	-
Tonga	3 (Jan 19) 2 (Apr 19) 1 (May 19) 2 (Jun 2021)	5 (Jun 2020)* 1 (Jun 2021)	1 (Nov 18) 4 (Dec 18) 1 (April 19) 2 (Jun 2021)	6 (Jun 2020)* 2 (Jun 2021)
INT Chart	-	1 (Jul 19)	-	1 (Jun 19)

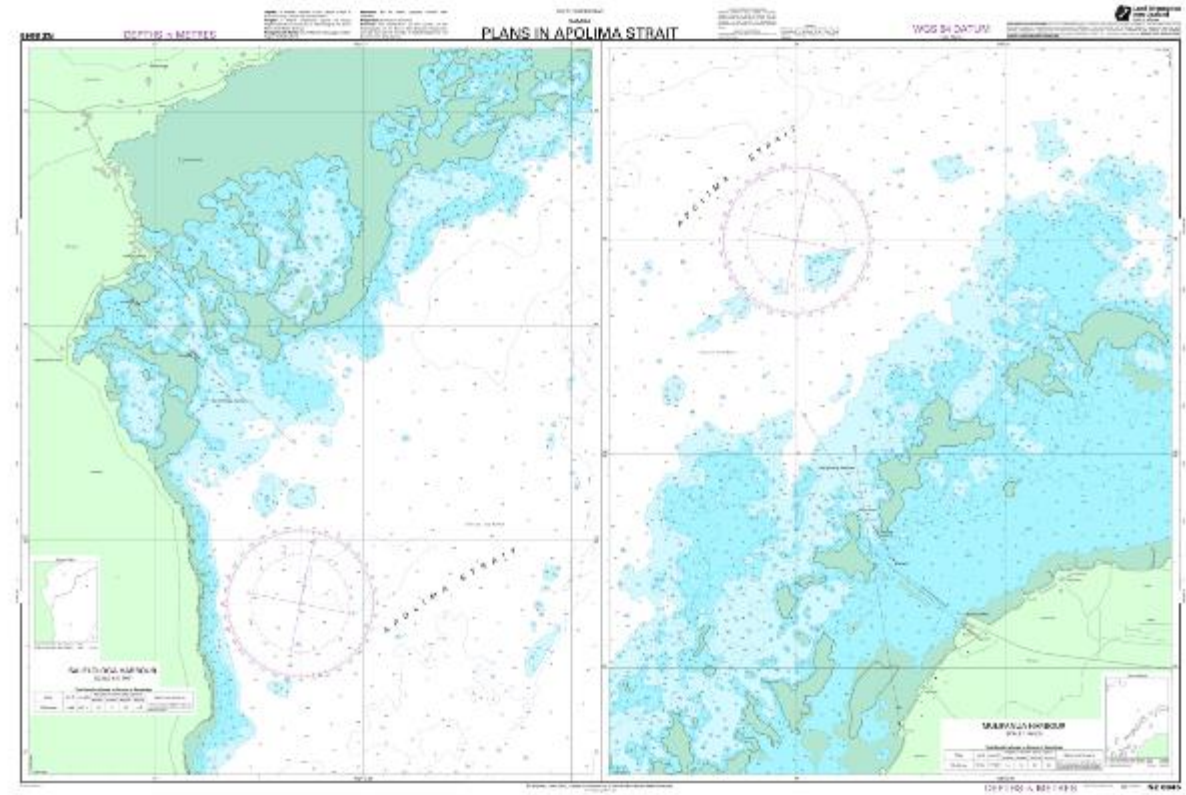
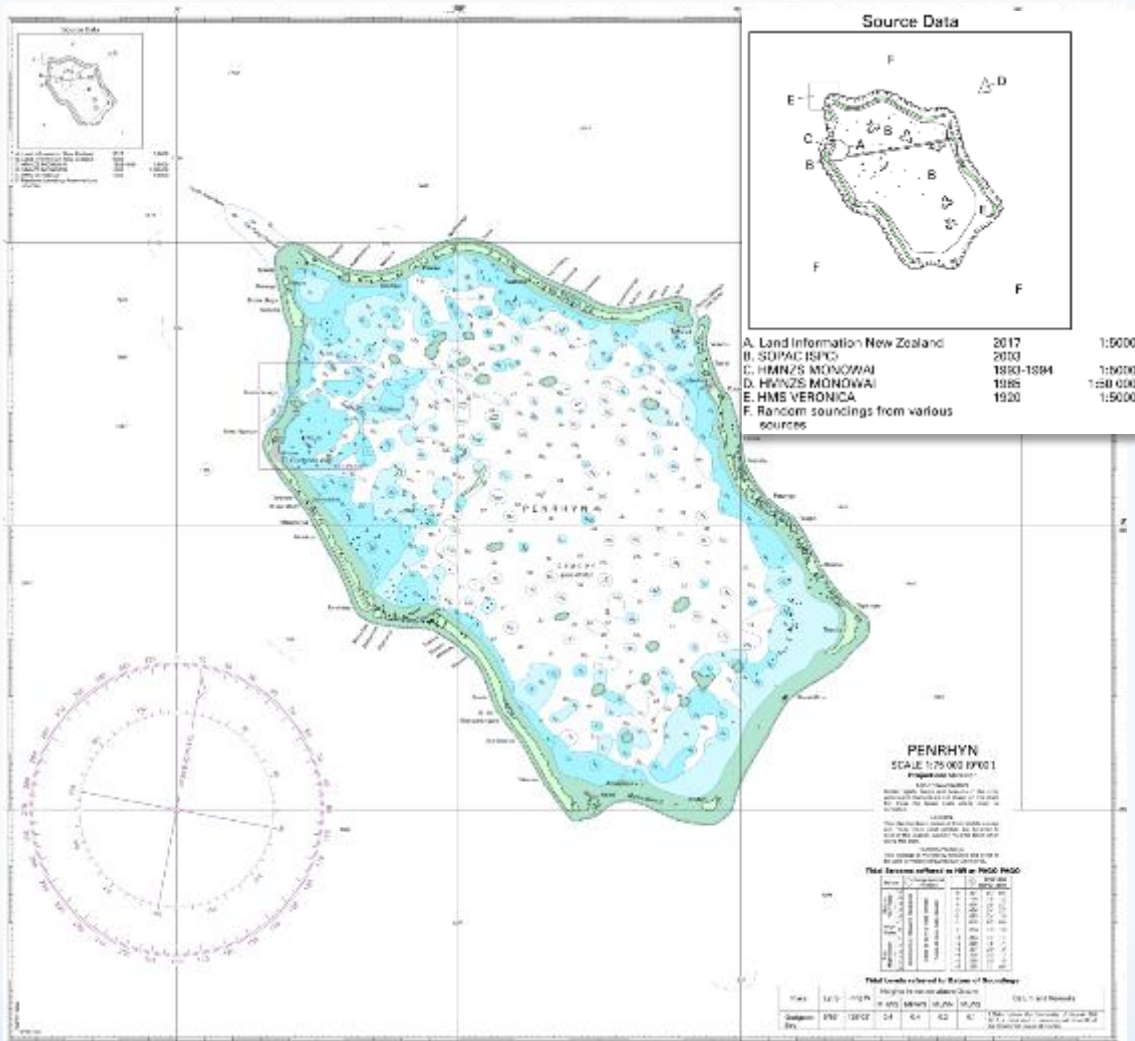
* New Charts will replace current fathoms/non-WGS84 charts, enabling production of large scale ENC for the first time.



Tonga NC & NE Charts 19/20



NE Chart improvements



Summary

- To-date, **45** ENC's & **24** paper charts released incorporating new data (SDB, ALB and MBES) for the Cook Islands, Niue, Samoa, Tokelau and Tonga
- In total, **63** ENC's & **30** paper charts will be released
- Including **19** new ENC's & **12** new paper charts, replacing current fathoms charts, will be published



Thank you

