

20th Meeting of the South West Pacific Hydrographic Commission

National Report by

New Zealand



IHO

International
Hydrographic
Organization

South West Pacific Hydrographic Commission



Main achievements during the year

- 10 ENC's and 3 paper charts published for Samoa and Tonga rebranded with the country's two-letter country code i.e., Samoa **WS**, Tonga **TO**
- [First official high density ENC \(hdENC\) published June 2022 for Port of Napier.](#)
- NIWA-Nippon Foundation Tonga Eruption Seabed Mapping Project ([TESMaP](#))
[Tonga eruption and tsunami shock the world](#)
- Collaboration across Govt. to test the value of a [cloud-based datamesh](#) technology in enabling access, integration and analysis of marine spatial data.
- [Presentation](#) to Pacific Regional Maritime Transport Officials Meeting (*delivery as one for Safety of Navigation*)



IHO

International
Hydrographic
Organization



Main challenges and/or obstructions

- Maritime Digital Transformation:
 - Adequate resourcing (people & \$\$) to deliver the IHO S-100 implementation roadmap
 - Technical complexity of the S-100 database solution
 - Delivery of existing digital and paper charting products whilst evolving to the S-101 next generation ENC by 2026
 - Articulating the value proposition for the S-100 Ecosystem transformation
- Developing a strategy with adequate resources to deliver the NZ MGI WG work programme
- Removal of technical deficit to ensure strong, secure technology foundations for future enhancements



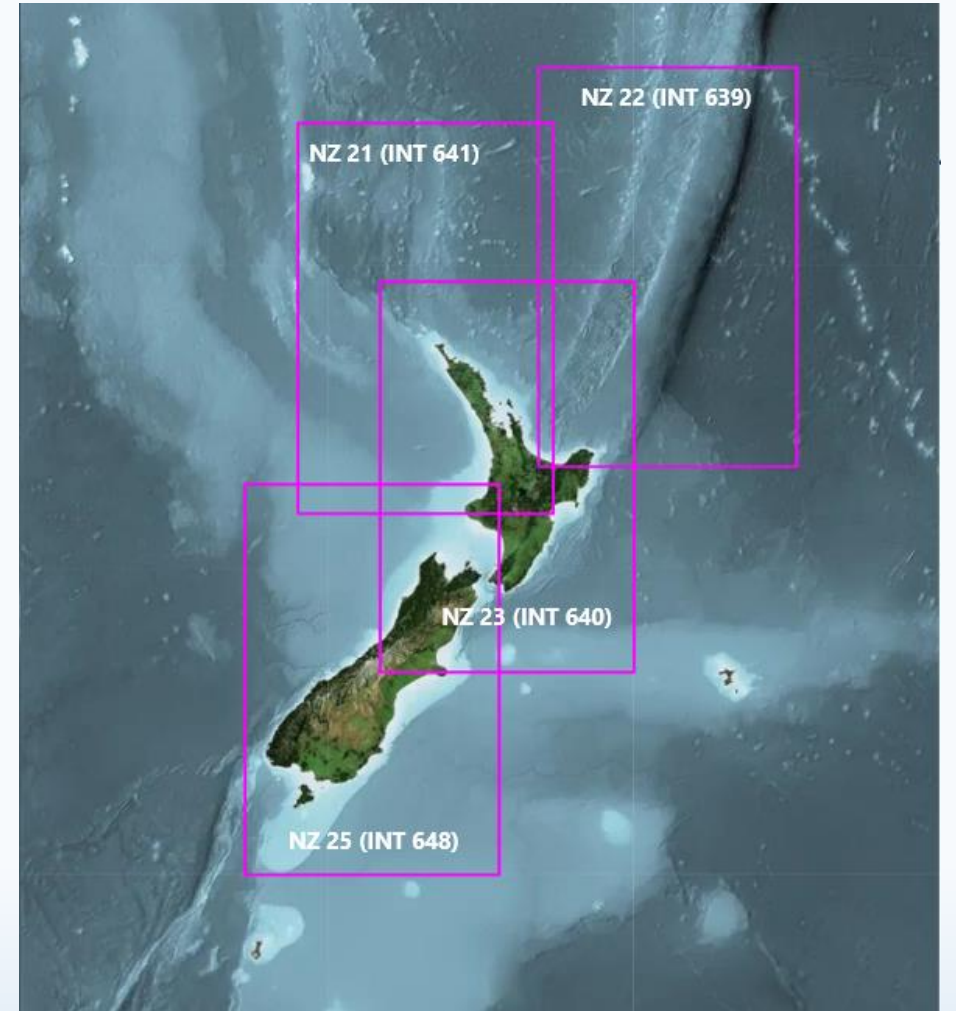
IHO

International
Hydrographic
Organization



Any other matters of interest

- Review of chart scales, move to a seamless grid scheme & simplify product creation
 - 1.5M-scale charts of limited benefit to mariners
 - 3.5M-scale charts sufficient coverage to support over planning
 - Proposal to withdraw INT charts submitted to SWPHC ICCWG.



IHO

International
Hydrographic
Organization



Any other matters of interest

- IMO audit undertaken September 2022. There were a number of areas of good practices revealed, as well as areas where improvements were possible. The final report is expected Q1 2023. LINZ and MNZ will work together to develop an action plan to respond to the findings.



IHO

International
Hydrographic
Organization



Thank you
Questions?



IHO

International
Hydrographic
Organization

South West Pacific Hydrographic Commission

