

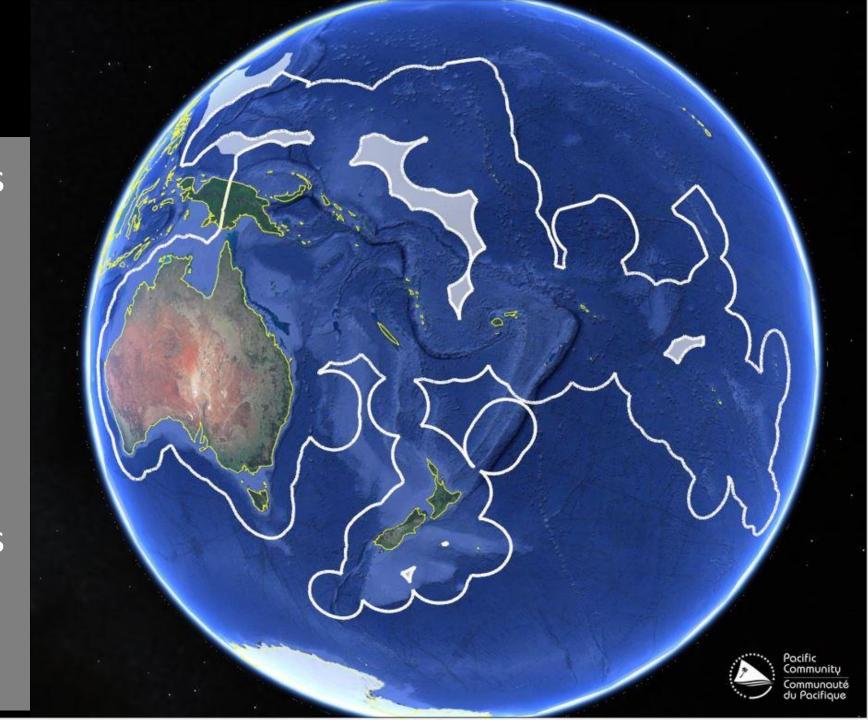
STATUS OF MARITIME BOUNDARIES AND EXTENDED CONTINENTIAL SHELF IN THE REGION

SEMINAR ON E-NAVIGATION ON OUR OCEAN-THE CONTRIBUTION OF SIMA-JICA PROJECT

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The Blue Pacific Continent

- **27** Pacific Countries and Territories
- 42 million people
- **42** million square kilometres
- **30%** of the world's Exclusive Economic Zones (EEZ)



SPC's expertise on ocean issues

- Data collection and data management services for fisheries and marine ecosystems
- High-quality stock assessments of oceanic and coastal fisheries resources and supporting data analyses
- Ecosystem, climate change, biodiversity, marine resource ecology, and fisheries assessments, models, and analyses
- Scientific modelling approaches

- Marine habitat assessments
- Aquaculture and mariculture systems
- Aquaculture commodities and aquatic biosecurity
- Alternative livelihoods
- Fisheries tissue bank
- Marine biodiversity

- Sea-level monitoring
- Geoengineering assessment

FISHERIES

SCIENCE

CLIMATE

CHANGE

SCIENCE

- Science-based hazard and risk assessment
- Marine minerals, ocean energy and marine biotechnology science

GEO-SCIENCE

ENERGY &

MARITIME

SCIENCE

- Ocean and coastal resource characterisation, resource use solutions, monitoring and
 M are monitoring and
 M both monitoring and
- Coastal multi-hazard mapping
- Wave and current observations

development

Geoinformatics

- Marine habitat and coastal zone mapping
- Maritime boundaries and marine spatial planning
- Hydrographic surveying
- Wastewater treatment
- Geothermal energy

- Coastal and marine environment protection

acidification

Ocean

- Climate and disaster resilience
- Changing ecosystems
- Coastal ecosystems resilience

- Renewable energy and energy efficiency
- Greenhouse gas inventories and energy data
- Reduce carbon footprint from maritime transport

- Alternative fuels for power generation
- Marine pollution land-based sources in marine environment, fisheries ghost gear, ship-based pollution

This will be achieved by contributing to the effective management of ocean activities by Pacific peoples, balancing the use of ocean resources with ocean protection.

A predictable and safe ocean

This encompasses SPC's work on coastal hazards modelling, early warning systems, maritime transport and ocean acidification.

A productive

ocean

This includes SPC's work

on coastal and oceanic fisheries, mariculture and aquaculture,

as well as geo-resources and marine energy.

An inspiring and engaging ocean

This includes SPC's work on ocean literacy, ocean leadership (leadership courses, Early Career Ocean Professionals and support to ocean career pathways for Pacific Islanders), community engagement, co-development of tailored ocean products and services, sustainable tourism and the peoplecentred approach, including gender equality, diversity and social inclusion (GEDSI).

A clean, healthy and resilient ocean

This includes SPC's work on ecosystem restoration and protection, water quality, marine pollution (especially fisheries ghost gear and ship-based pollution) and climate risks.

Sustainable ocean finance

Ocean leadership and community engagement

Ocean science and traditional knowledge

Ocean governance and management

OUTCOME DIMENSION

What Role Does SPC Play?

Technical Advice and Support



- Technical backstopping for in-country basepoint surveys
- Mapping and delimitation support
- Advising on UN submissions process
- Supporting negotiations
- Extended Continental Shelf submissions support

Capacity Building



- Organising annual Working Sessions at UniSydney
- Hosting attachments
- National workshops
- Organising relevant training, webinars, and other development opportunities

Data Stewardship & Accessibility



- Comprehensive dataset hosting on behalf of countries
- Improving accessibility of published info on Pacific Data Hub
- MB Dashboard in development



Coordination & Project Development



- Host monthly Consortium partner meetings
- Home of Pacific Geospatial and Surveying Council Partnership Desk
- Communications and engagement strategy
- Develop project proposals

Hydrographic surveying capacity and capability



Equipment

- R2Sonic 2024 shallow water (400m) MBES
- RESON 8160 deep water (2000m) MBES
- SBES (200kHz and 10KHz)
- CTD and SVP
- Precision GPS GNSS equipment (R10, R12, R14)
- Tide gauges(Valeport)
- Pressor sensors (RBRs)
- Side scan sonar (Cmax EDF dual frequency)

Vessel

• Dedicated survey platform (5.7m flat bottom with 150Hp motor)

Staff

- CAT B surveyor
- Geodetic surveyors
- Oceanographers

Note

For request of staff and equipment for SPC member countries and territories

An official letter of request from FA to SPC Director



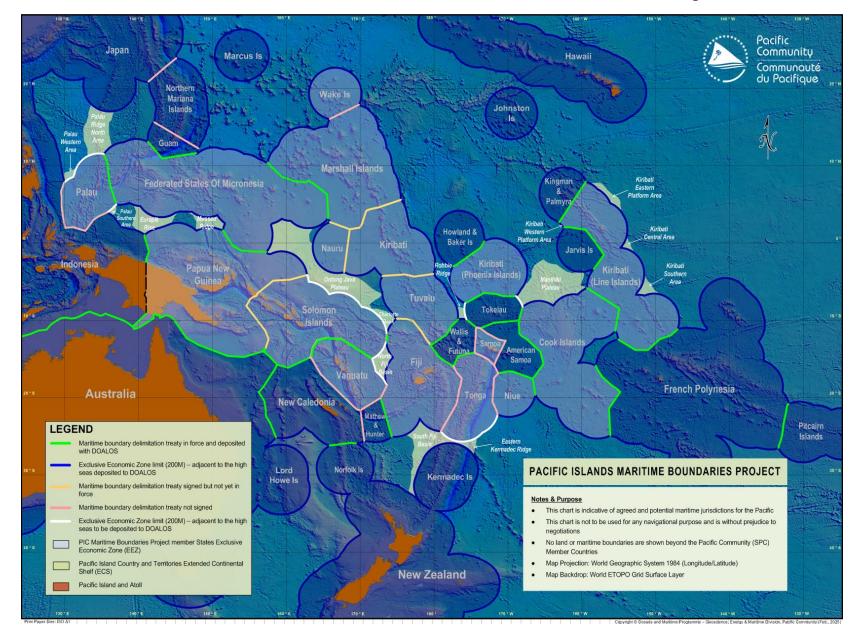
UNCLOS



- United Nations Convention on the Law of the Sea
- "Constitution for the Oceans"
- Divides the ocean space into maritime zones which includes the internal waters, territorial seas (12 nm), contiguous zone (24 nm), exclusive economic zone ('EEZ') (200 nm), (extended) continental shelf, high seas and the international seabed (or the 'Area').
- Article 76 of UNCLOS outlines the condition for coastal State can claim exclusive rights to search for and utilize resources found on the continental shelf that extends beyond 200 nautical miles exclusive economic zone (EEZ).
- 19 ECS submissions at various stages in the queue awaiting examination and recommendation from the Commission on the Limits of the Continental Shelf (CLCS).
- Only Ontong Java Plateau and the Tonga Eastern part of Kermadec Ridge have received recommendation from CLCS.
- Other claims are in submission phase.

Pacific Maritime Boundaries; Current

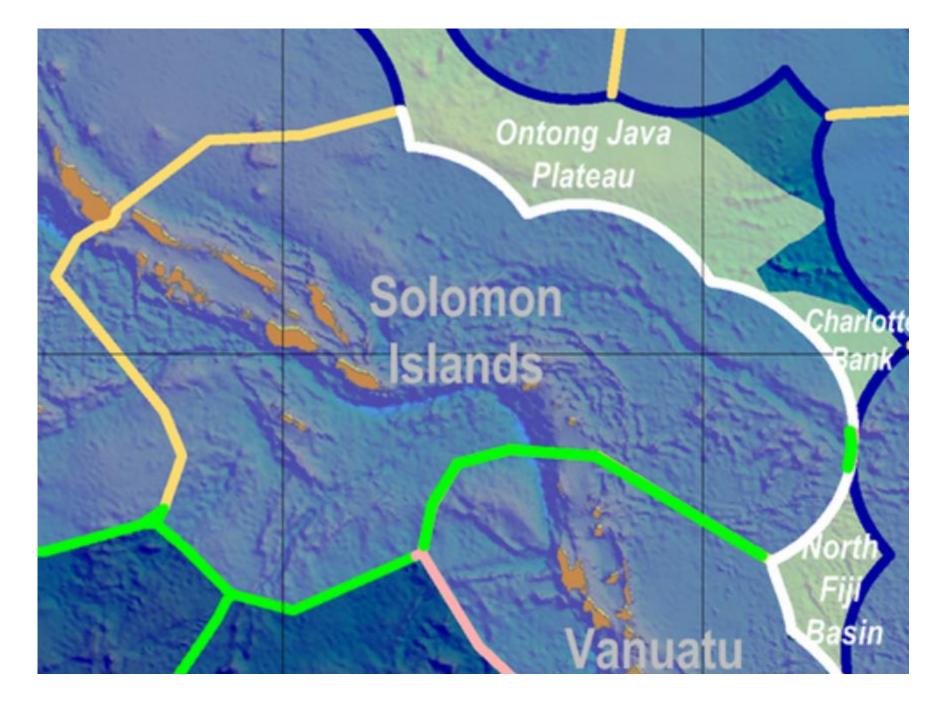




- 36 out of 48 shared boundaries are under treaty
- 6 treaties remain to be brought into force (yellow)
- 12 shared boundaries remain to be signed (pink)
- 5 countries high seas
 limits have yet to be declared
 (white)

Extended Continental Shelf:

- 3 out 11 of ECS submissions have been reviewed. 2 have received recommendations.
- Another are preliminary info notes, requiring more data.





VU-SB: Mota Lava Treaty signed and ratified. Also have Tirvau Agreement as an extension to the Motalava Treaty.

2 x high seas boundaries to be declared

SB-PG: Treaty signed but not yet in force. Work to be done.

ECS: See next slides

Pacific Extended Continental Shelf Project



Japan Northern Mariana! Wake Is Johnston	ECS Area	Countries	Status
PHASE 3; 2024 - 2026 Ridge Ridge Ridge Rigge Rig	South Fiji Basin	FJ	Cabinet Approval To submit to UNDOALOS
Federaled States Of Micronesia Petrom Area Palmyro Pal	ECS Area	Countries	Status
Nauru Howand & Platform Area Western Platform Area Phase 2; 2023 15 2024. Phase Platform Area Phase Phase Platform Area Phase Platform Area Phase Pha	North Fiji Basin	FJ/VU/SB	Cabinet approval completed. In submission phase
Papua New Guinea Solom in Vall Robric Tokelau Kiribati (Line Islands) Futuna Amen in	Melanesian Borderland Plateau	FJ & SB	Cabinet approval completed. In Submission phase.
	ECS Area	Countries	Status
New Caler onia New Caler onia South Fill Section	Ontong Java Plateau	FM/PG/SB	Under review
Dobble Name Ridge	Eauripik Rise	PG	In Progress
Lord Howe Is	Mussau Ridge	PG	In Progress
PHASE 1; 2022 -2023	SB Enclave	SB	Report Developed

Advancement





1982 **UNCLOS**

2005 **Pacific** Islands Regional Ocean Policy **PIROP**

2010

Framework for a Pacific

Oceanscape **FPO**

2016 **SDGs**

2018

Solomon

National

Islands





2025 **BBNJ**

FPO, 2010:

- little progress on ocean governance
- no national ocean policies
- no dedicated national institutions

2016 Cook Islands Marae

Moana

Policy



2016

Vanuatu's

National

Ocean



Ocean Policy



2020

Samoa

Ocean

Strategy



2020

PNG

National

Ocean

Policy



2020

Niue

Moana



Pathway to the ocean we want

Policy



Tonga's

Ocean

2021

Management





Analysis of NOPs shows that all include the principles of, and aspire to the implementation of, Integrated Ocean Management

Pacific solutions for Integrated Ocean Management to sustain livelihoods today and into the future

Officially Endorsed Action



Integrated Ocean Management



CULTURE & TK:

Actions are inclusive of traditional knowledge



LAW & POLICY:

Robust legal instruments and policy frameworks

SCIENCE: Improved decision support systems



TAGIO TUMAS!