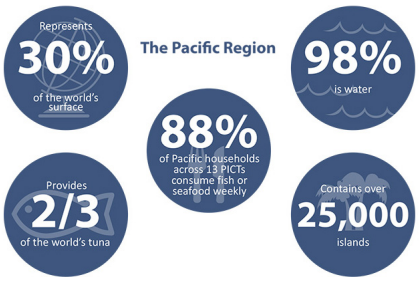
An exciting new project for the region

A Fisheries Science Vessel for the Pacific

A tool to manage and preserve our common resources and ecosystem

Region and needs Design Case study Missions Partners Region voices Contacts

Why do we need a Fisheries Science Vessel for the Pacific?



- Managing the sustainability of common marine resources is vital for the Pacific Island countries an
- Pacific tuna fisheries are of global importance, delivering two-thirds of the world's tuna resources, a
- The largest oceanic region must play a major role in integrated ocean/ climate initiatives.
- Satellite observations need to be complemented by in-situ scientific monitoring to understand the
- Properly designed and built for its environment and research goals, an adaptable modern sea-goin

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Adaptable, connected and clean

LOA: 43m
Range:
>6,000 NM
Draft: <3.5m
Crew: 25

Adapted to the region's scale and geography

1 Efficient tuna pole and line fishing vessel — Support sustainable stock management through

2 Efficient and safe pelagic fish capture — Enhance knowledge of tuna and associated spe

3 Scientific laboratory spaces — Collect and analyse ocean ecosystem data

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- Link to mission sheets -

4 	Capacity to operate mid-water trawl nets	Understand the ocean food web and its respons
5 	Capacity to collect essential physical oceanographic parameters	Enhance understanding of ocean systems linked to
6 	Scientific acoustic equipment	Understand the link between tuna fisheries and
7 	Powerful hydraulic crane	Reduce reliance on regional port facilites throug
8 	Auxiliary boats	Diving surveys, coastal water surveys
9 	Computer network and communications	Real-time sharing of research results, regional c
10 	Efficient and low footprint vessel	Electric-diesel engines compatible with future en
11 	Removable 20' container	Customisable for specific research needs (Labs

First-response capability for disaster relief

Cargo for disater relief

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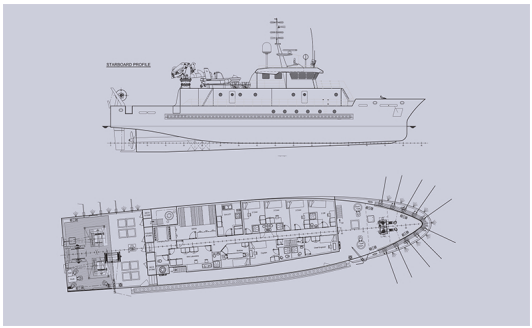
Pacific research vessel project feasibility study

The largest ocean needs a Fisheries Science Vessel to support the mo



To evaluate options for the acquisition, operation and underwriting of operational costs for an adaptab

The final report includes a detailed analysis of best vessel flag choice, appropriate management schem

Although in charge of ensuring the sustainability of over half of the world's tuna and the largest

The in-country available fisheries research vessels are limited in size and range and could only supplem

A review of regional research vessel availability and capabilities was implemented in 2019. This demo

The regional research plate-form project will fill this gap, monitoring this part of the world for the

The Pacific research vessel will have the capacity to complete many missions

Enhance the sustainability of the biggest tuna fishery

Implementing annual tuna tagging and sampling research cruises

Monitor evolution of the largest oceanic ecosystem

Implementing annual pelagic ecosystem monitoring research cruises

Monitor deep ecosystem monitoring

Preserving deep coastal resources

Monitor climate impact monitoring

Instrument deployment for Ocean Observation network

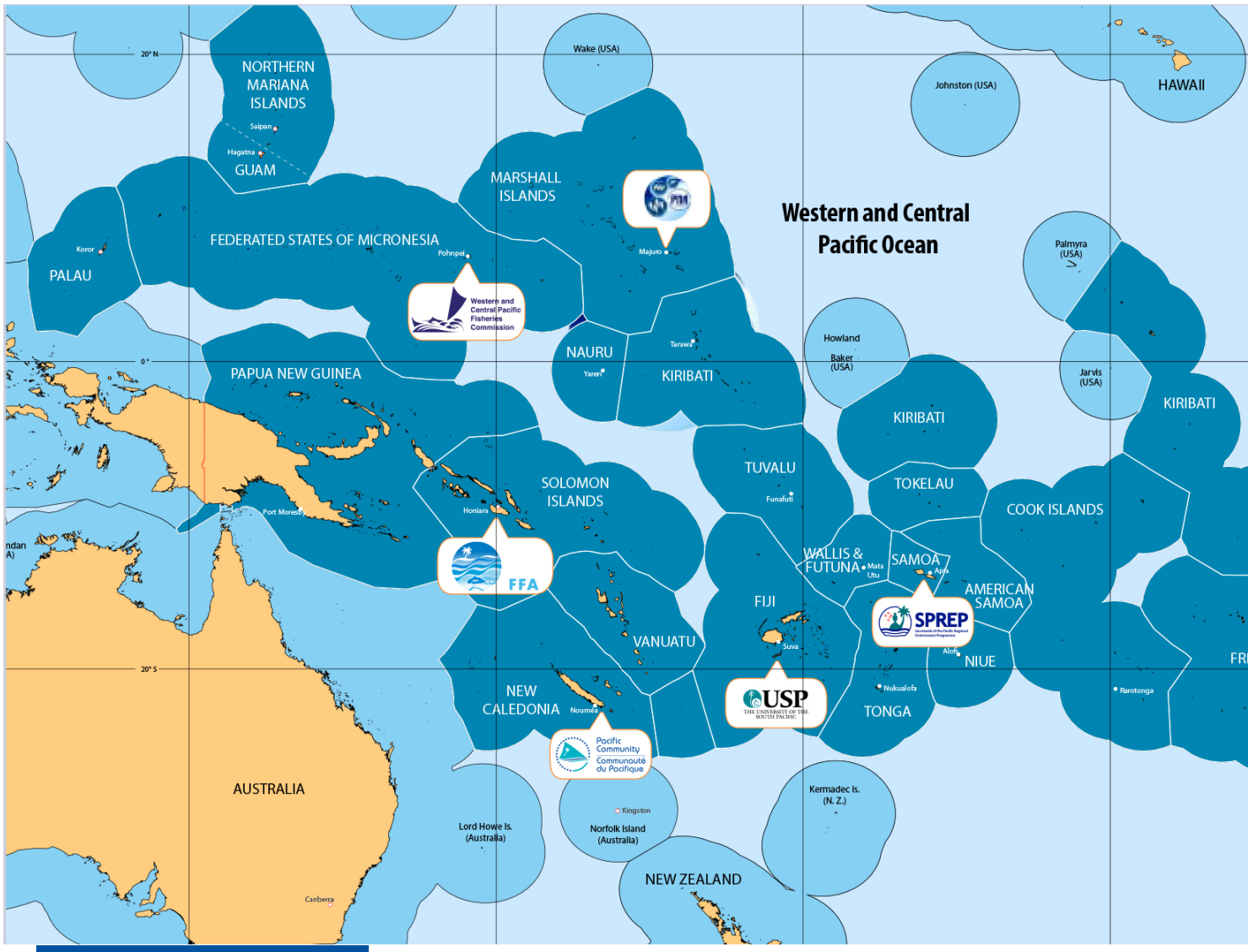
Increase country food security

Coastal FAD and open ocean aquaculture sea cage mooring deployments to increase country food sec

Implementing bathymetry surveys

Promote and participate to Pacific country capacity building

Region, Partners and Collaborators


Western and Central Pacific Ocean
NORTHERN MARIANA ISLANDS
Saipan
Hagatna
GUAM
MARSHALL ISLANDS
Majuro
FEDERATED STATES OF MICRONESIA
Pohnpei
PALAU
Koror
Western and Central Pacific Fisheries Commission
NAURU
Yaren
Tarawa
KIRIBATI
PAPUA NEW GUINEA
Port Moresby
SOLOMON ISLANDS
Honiara
FFA
TUVALU
Funafuti
TOKELAU
COOK ISLANDS
WALLIS & FUTUNA
Mata Utu
SAMOA
Apia
AMERICAN SAMOA
SPREP
FIJI
Suva
VANUATU
NIUE
Alofi
USP
THE UNIVERSITY OF THE SOUTH PACIFIC
Nukualofa
TONGA
Rarotonga
NEW CALEDONIA
Nouméa
Pacific Community
Communauté du Pacifique
AUSTRALIA
Canberra
Lord Howe Is. (Australia)
Norfolk Island (Australia)
Kingston
Kermadec Is. (N. Z.)
NEW ZEALAND
Wake (USA)
Johnston (USA)
HAWAII
Howland
Baker (USA)
Jarvis (USA)
Palmyra (USA)
20° N
0°
20° S
PNA

Glen Joseph, *Marshall Islands Marine Resources Authority*

The proposed research vessel is a critical asset for the region to continue to collect fishery independen

Mr Charleston Deiye, *Nauru Fisheries and Marine Resources Authority*

... operated by the Pacific Island countries and territories w

Justin Ilakini, *Director, National Fisheries Authority, PNG*

... research vessel is a critical asset for the region to build its capacity to u

Tile Roberts Tuimavave (Director David Hulatu), *Ministry of Agriculture and Fisheries, Samoa*

... collecting fisheries independent data and information to im

Dr Christain Ramofafia, *Ministry of Fisheries and Marine Resources, Solomon Islands*

... work of SPC, especially in datacollection, stock assess

Samasoni Finikaso, *Ministry of Fisheries and Trade, Tuvalu*

... operated by our own regional organization SPC, is now a nec

Feleti Tulafono, *Fisheries Management Agency, Tokelau*

... struggles with the impacts of climate change, the vessel, as a research platform will play an a

Dr Tu'ikolongahau Halafihi, *Ministry of Fisheries, Tonga*

... research vessel is a critical asset for the region to build its capac

Pacific Community (SPC), BP D5 98848 Noumea Cedex **Dr Jerome AUCAN**

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