



# National Gazette

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## THE PAPUA NEW GUINEA NATIONAL GAZETTE

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**K. KALIAH,**  
Government Printer.

**CONSTITUTION****DETERMINATION OF TEMPORARY RESPONSIBILITIES OF MINISTER**

I, Mekere Morauta, Prime Minister, by virtue of the powers conferred by Section 148 of the Constitution and all other powers me enabling, hereby determine that the Minister for Correctional Services shall have the responsibilities of the Minister for Lands and Physical Planning for a period commencing on and from 24th January, 2001 up to and including 3rd February, 2001.

Dated this 24th day of January, 2001.

**M. MORAUTA,**  
Prime Minister.

**CONSTITUTION****DETERMINATION OF TEMPORARY RESPONSIBILITIES OF MINISTER**

I, Mekere Morauta, Prime Minister, by virtue of the powers conferred by Section 148 of the Constitution and all other powers me enabling, hereby determine that the Minister for Corporatization and Privatization shall have the responsibilities of the Minister for Treasury for a period commencing on and from 24th January, 2001 up until such time the Minister for Treasury resumes duty.

Dated this 24th day of January, 2001.

**M. MORAUTA,**  
Prime Minister.

***Building Act (Chapter 301)*****REVOCATION OF APPOINTMENT AND APPOINTMENT OF MEMBERS OF THE EAST SEPIK PROVINCIAL BUILDING BOARD**

I, John Kamb, Minister for Works, by virtue of the powers conferred by Section 7 of the *Building Act* (Chapter 301) and all other powers me enabling, hereby:—

- (a) revoke all the previous appointments of members of the East Sepik Provincial Building Board; and
- (b) appoint each person specified in Column 2 of the Schedule to be a member of the Provincial Building Board specified in Column 1 and set out opposite the name of that person; and
- (c) appoint each person specified in Column 3 to be a Deputy member on the Board for the member specified in Column 2 and set out opposite that member; and
- (d) appoint the person specified in Column 2 of the Schedule against whose name appears the word “Chairman” to be the Chairman of the Board; and

**Revocation of Appointment and Appointment of Members of the East Sepik Provincial Building Board**  
—continued

- (e) fix the quorum for the East Sepik Provincial Building Board at six.

**SCHEDULE**

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
East Sepik	Joe Asinimbu, Provincial Works Manager, Department of Works—Chairman	Michael Kipma, Senior Works Supervisor (Architecture), Department of Works
	James Baloiloi, Works Co-ordinator, Division of Works, Department of East Sepik	Serkins Oki, Architect, Division of Works, Department of East Sepik
	Patrick Halpie, Provincial Town Planner, Department of Lands and Physical Planning	Joe Mark, Senior Town Planner, Department of Lands and Physical Planning
	Chris Manda, Provincial Town Surveyor, Department of Lands & Physical Planning	Peter Tru, Senior Surveyor, Department of Lands and Physical Planning
	Francis Numboru, Programme Manager (Works), Wewak Urban Local Level Government	John Amos, Provincial Surveyor, Wewak Urban Local Level Government
	Pius Sua—Station Commander, Papua New Guinea Fire Services	Pius Sua—Senior Fireman, Papua New Guinea Fire Services
	Ismael Job—Town Health Inspector, Wewak Town Development Commission	Michael Kabaru, Wewak Town Development Commission
	Mark Nakgai—Provincial Health Inspector, Department of Health	Steven Amos—Senior Health Inspector, Department of Health
	Raymond Seeto—Private member	

Dated this 18th day of January, 2001.

J. KAMB,  
Minister for Works.

*Building Act (Chapter 301)*

**REVOCATION OF APPOINTMENT AND APPOINTMENT OF MEMBERS OF THE SANDAUN PROVINCIAL BUILDING BOARD**

I, John Kamb, Minister for Works, by virtue of the powers conferred by Section 7 of the *Building Act* (Chapter 301) and all other powers me enabling, hereby:—

- (a) revoke all the previous appointments of members of the Sandaun Provincial Building Board; and
- (b) appoint each person specified in Column 2 of the Schedule to be a member of the Provincial Building Board specified in Column 1 and set out opposite the name of that person; and
- (c) appoint each person specified in Column 3 to be a Deputy member on the Board for the member specified in Column 2 and set out opposite that member; and
- (d) appoint the person specified in Column 2 of the Schedule against whose name appears the word “Chairman” to be the Chairman of the Board; and
- (e) fix the quorum for the Sandaun Provincial Building Board at five.

**SCHEDULE**

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
Sandaun	Maran J. Nateleo—Chairman, Provincial Administrator, Sandaun Provincial Administration	Ignatius Litiki, Deputy Provincial Administrator, Sandaun Provincial Administration
	Patrick Saial—Provincial Works Manager, Department of Works & Implementation	Timothy Agwi—Senior Building Supervisor, Department of Works & Implementation
	Peter Aibung—Advisor, Policy Planning & Technical Services, Sandaun Provincial Administration	Nicholas Wainright, Policy Planning & Technical Services, Sandaun Provincial Administration

**Revocation of Appointment and Appointment of Members of the Sanduan Provincial Building Board—  
continued**

*Schedule—continued*

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
	Paino Manaha—Manager, Department of ment of Lands & Physical Planning	Joe Avou—Provincial Lands Officer, Sandaun Provincial Administration
	Michael Wasiura—Manager, National Housing Commission	Richard Kumani—Migration & Border Liaison, Department of Foreign Affairs
	Camilla Tamme—President, Chamber of Commerce	Vincent Tumpi, Chamber of Commerce
	Clement Nakia—Private Member	Jerome Doliente—Private Member
	Fr. Paul Mercerica—Private Member	Pastor Venney Jinumbo—Private Member
	Imelda Leki—Private Member	Maryanne Bauai—Private Member

Dated this 18th day of January, 2001.

J. KAMB,  
Minister for Works.

*Building Act (Chapter 301)*

**REVOCATION OF APPOINTMENT AND APPOINTMENT OF MEMBERS OF THE MADANG  
PROVINCIAL BUILDING BOARD**

I, John Kamb, Minister for Works, by virtue of the powers conferred by Section 7 of the *Building Act* (Chapter 301) and all other powers me enabling, hereby:—

- (a) revoke all the previous appointments of members of the Madang Provincial Building Board; and
- (b) appoint each person specified in Column 2 of the Schedule to be a member of the Provincial Building Board specified in Column 1 and set out opposite the name of that person; and
- (c) appoint each person specified in Column 3 to be a Deputy member on the Board for the member specified in Column 2 and set out opposite that member; and
- (d) appoint the person specified in Column 2 of the Schedule against whose name appears the word “Chairman” to be the Chairman of the Board; and
- (e) fix the quorum for the Madang Provincial Building Board at four.

**SCHEDULE**

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
Madang	Glenn De Casro—Chairman, Provincial Works Manager, Department of Works and Implementation	Andrew Thavung, Provincial Civil Engineer, Department of Works and Implementation
	Errela Avea—Advisor, Works and Transport Branch, Madang Provincial Government	James Apimia—Building and Property Officer, Works and Transport Branch, Madang Provincial Government
	Michael Larry—Advisor, Department of Lands and Physical Planning	Francis Irara—Town Planner, Department of Lands and Physical Planning
	Allan Kirarock—Provincial Health Inspector, Department of Health	Thomas Kalana—Health Inspector Department of Health
	Samson Polly—Fire Fighting Officer, Civil Fire Services	Walter Hekahu—Fire Officer, Civil Fire Services
	Samuel Penias—Private Member	Cris Polimen—Private member
	Sop Bubun—Private member	Kapinias Umong—Private member

Dated this 18th day of January, 2001.

J. KAMB,  
Minister for Works.

*Building Act (Chapter 301)***REVOCATION OF APPOINTMENT AND APPOINTMENT OF MEMBERS OF THE MANUS PROVINCIAL BUILDING BOARD**

I, John Kamb, Minister for Works, by virtue of the powers conferred by Section 7 of the *Building Act (Chapter 301)* and all other powers me enabling, hereby:—

- (a) revoke all the previous appointments of members of the Manus Provincial Building Board; and
- (b) appoint each person specified in Column 2 of the Schedule to be a member of the Provincial Building Board specified in Column 1 and set out opposite the name of that person; and
- (c) appoint each person specified in Column 3 to be a Deputy member on the Board for the member specified in Column 2 and set out opposite that member; and
- (d) appoint the person specified in Column 2 of the Schedule against whose name appears the word "Chairman" to be the Chairman of the Board; and
- (e) fix the quorum for the Manus Provincial Building Board at four.

**SCHEDULE**

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
Manus	James Sipaun—Chairman, Provincial Works Manager, Department of Works	Malai Kendrew, Senior Works Supervisor—Architect, Department of Works
	Peter Ndrohas, Provincial Building Co-ordinator, Manus Provincial Administration	John Tapas, Project Engineer, Manus Provincial Administration
	Herman Tauanlogo, Chief Fire Officer, PNGDF Base Technical Office	Andrew Pitau, Marine Technical Propulsion PNGDF Base Technical Office
	Silas Bomai—Co-ordinator, Preventative/Promotive Health Services, Division of Health, Manus Provincial Administration	John Pokam—Superintendent, Environmental, Health, Division of Health, Manus Provincial Administration
	Watah Namun, Works Co-ordinator/Engineer, Lorengau Urban Local Level Government	Wilson Kuve, Manager—Lorengau Town, Manus Provincial Administration
	Philip Pokapin—Private member	Miller Loras—Private member
	Peter Mu-uh—Private Member	Titus Posakei—Private member

Dated this 18th day of January, 2001.

**J. KAMB,**  
Minister for Works.

*Building Act (Chapter 301)***REVOCATION OF APPOINTMENT AND APPOINTMENT OF MEMBERS OF THE NEW IRELAND PROVINCIAL BUILDING BOARD**

I, John Kamb, Minister for Works, by virtue of the powers conferred by Section 7 of the *Building Act (Chapter 301)* and all other powers me enabling, hereby:—

- (a) revoke all the previous appointments of members of the New Ireland Provincial Building Board; and
- (b) appoint each person specified in Column 2 of the Schedule to be a member of the Provincial Building Board specified in Column 1 and set out opposite the name of that person; and
- (c) appoint each person specified in Column 3 to be a Deputy member on the Board for the member specified in Column 2 and set out opposite that member; and

**Revocation of Appointment and Appointment of Members of the New Ireland Provincial Building Board—  
continued**

- (d) appoint the person specified in Column 2 of the Schedule against whose name appears the word “Chairman” to be the Chairman of the Board; and
- (e) fix the quorum for the New Ireland Provincial Building Board at six.

**SCHEDULE**

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
New Ireland	Albert Peter—Chairman, Provincial Works Manager, Department of Works	Jenner Lavaró, Provincial Finance & Admin. Officer, Department of Works
	Leo Tualir, Assistant District Manager, Kavieng District, Department of Provincial Affairs	Ricky Fugunto, Deputy Administrator, Kavieng District, Department of Provincial Affairs
	Senny Maileng, Senior Works Supervisor, Department of Works	James Maku—Works Supervisor, Department of Works
	Martias Aritu, Provincial Health Inspector, Department of Health	Bridgit Tean, Health Inspector, Department of Health
	Martin Banovo, Provincial Manager, Department of Lands	Mark Waine, Lands Officer, Department of Lands
	Emmanuel Nanagia, Station Commander, Fire Services	Akia Koia, Fire Officer, Fire Services
	Ben Matua, Urban Provincial Co-ordinator, Kavieng Urban Local Level Government	Harold Papaol, Town Manager, Kavieng Urban Local Level Government
	Margaret Haiverava, Provincial Adviser, Technical Services, Department of New Ireland	Ivan Haiverava—Planner, Technical Services, Department of New Ireland
	Kiso Saesaria—Private member	Wilfred Tanimia—Private member
	Wilfred Tamasain—Private member	John Merebo—Private member
	Peter McEwan—President, Chamber of Commerce	Ian Jackson

Dated this 18th day of January, 2001.

J. KAMB,  
Minister for Works.

*Building Act (Chapter 301)*

**REVOCATION OF APPOINTMENT AND APPOINTMENT OF MEMBERS OF THE WEST NEW BRITAIN PROVINCIAL BUILDING BOARD**

I, John Kamb, Minister for Works, by virtue of the powers conferred by Section 7 of the *Building Act* (Chapter 301) and all other powers me enabling, hereby:—

- (a) revoke all the previous appointments of members of the West New Britain Provincial Building Board; and
- (b) appoint each person specified in Column 2 of the Schedule to be a member of the Provincial Building Board specified in Column 1 and set out opposite the name of that person; and
- (c) appoint each person specified in Column 3 to be a Deputy member on the Board for the member specified in Column 2 and set out opposite that member; and
- (d) appoint the person specified in Column 2 of the Schedule against whose name appears the word “Chairman” to be the Chairman of the Board; and
- (e) fix the quorum for the West New Britain Provincial Building Board at five.

**Revocation of Appointment and Appointment of Members of the West New Britain Provincial Building Board—continued**

**SCHEDULE**

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
West New Britain	Mekelen Sili—Chairman, Provincial Works Manager, Department of Works	Leslie Turmut, Senior Works Supervisor, Department of Works
	Ben Mandiu—Advisor, Lands & Physical Planning, Department of West New Britain	Ben Ragi, Senior Lands Officer, Dept of West New Britain
	Lawrence Waluka, Provincial Health Inspector, Department of West New Britain	Paul Kewa, Senior Health Inspector, Dept of West New Britain
	Simon Ekikama, Manager, National Housing Commission	Elizabeth Thomas, A/Housing Officer, National Housing Commission
	Silas Kepas, Fire Superintendent, Fire Services	Sam Makel, Fire Prevention Officer, Fire Services
	Eluid Mayarom, District Manager, Water & Sewerage Board	Anna Kuluwah, Administration Officer, Water & Sewerage Board
	Greg Aigilo, Deputy Manager, Kimbe Town Authority	Philimon Tainole, Senior Project Officer, Kimbe Town Authority
	Lileb Kumung, Manager, Papua New Guinea Electricity Commission	Ikikius Lam, Provincial Consumer Superintendent, Papua New Guinea Electricity Commission
	Vincent Tagari—Advisor, Department of West New Britain	Arnold Tiriman—Building Co-ordinator, Dept of West New Britain
	Ivan O'Hanlon—Private member	Mathew Papai—Private member
	Vincent Kinakap—Private member	Ben Ponai—Private member

Dated this 18th day of January, 2001.

J. KAMB,  
Minister for Works.

*Building Act (Chapter 301)*

**REVOCATION OF APPOINTMENT AND APPOINTMENT OF MEMBERS OF THE EAST NEW BRITAIN PROVINCIAL BUILDING BOARD**

I, John Kamb, Minister for Works, by virtue of the powers conferred by Section 7 of the *Building Act* (Chapter 301) and all other powers me enabling, hereby:—

- revoke all the previous appointments of members of the East New Britain Provincial Building Board; and
- appoint each person specified in Column 2 of the Schedule to be a member of the Provincial Building Board specified in Column 1 and set out opposite the name of that person; and
- appoint each person specified in Column 3 to be a Deputy member on the Board for the member specified in Column 2 and set out opposite that member; and
- appoint the person specified in Column 2 of the Schedule against whose name appears the word "Chairman" to be the Chairman of the Board; and
- fix the quorum for the East New Britain Provincial Building Board at six.

**SCHEDULE**

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
East New Britain	Regional Physical Planner—Chairman, Department of Lands & Physical Planning	Advisor—Technical Services, Department of East New Britain
	Provincial Physical Planner, Division of Lands & Physical Planning, Department of East New Britain	Assistant Physical Planner, Division of Lands & Physical Planning, Department of East New Britain



**Revocation of Appointment and Appointment of Members of the East New Britain Provincial Building Board—continued**

*Schedule—continued*

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
East New Britain— <i>continued</i>	Provincial Alienated Lands Officer, Division of Lands & Physical Planning, Department of East New Britain	Senior Lands Officer, Division of Lands & Physical Planning, Department of East New Britain
	Town Manager, Rabaul Urban Local Level Government	Senior Health Inspector, Rabaul Urban Local Level Government
	Co-ordinator, Promotive & Preventive Health Services, Division of Health, Department of East New Britain	District Environmental Health Officer, Department of East New Britain
	Provincial Fire Safety Officer, Department of Fire and Civil Services	Provincial Fire Officer, Department of Fire and Civil Services
	Provincial Building Co-ordinator, Technical Services, Department of East New Britain	District Building Supervisor, Technical Services Department of East New Britain
	Town Manager, Kokopo/Vunamami Local Level Government	Deputy Town Manager, Kokopo/Vunamami Local Level Government
	Kevin Kelly—Private member	—
	John Eddison—Private member	—

Dated this 18th day of January, 2001.

J. KAMB,  
Minister for Works.

*Building Act (Chapter 301)*

**REVOCATION OF APPOINTMENT AND APPOINTMENT OF MEMBERS OF THE NORTH SOLOMONS PROVINCIAL BUILDING BOARD**

I, John Kamb, Minister for Works, by virtue of the powers conferred by Section 7 of the *Building Act* (Chapter 301) and all other powers me enabling, hereby:—

- (a) revoke all the previous appointments of members of the North Solomons Provincial Building Board; and
- (b) appoint each person specified in Column 2 of the Schedule to be a member of the Provincial Building Board specified in Column 1 and set out opposite the name of that person; and
- (c) appoint each person specified in Column 3 to be a Deputy member on the Board for the member specified in Column 2 and set out opposite that member; and
- (d) appoint the person specified in Column 2 of the Schedule against whose name appears the word "Chairman" to be the Chairman of the Board; and
- (e) fix the quorum for the North Solomons Provincial Building Board at five.

**SCHEDULE**

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
North Solomons	Hillary Hangatsia—Chairman, Provincial Works Manager, Department of Works	Mark Bao, Provincial Civil Engineer, Department of Works
	Francis Kabano, Administrative Secretary, Department of Bougainville	Aaron Rigamu, Deputy Administrative Secretary, Department of Bougainville
	Mathias Pihei, Division of District Services, Department of Bougainville	Nick Peta—Provincial Lands Officer, Division of District Services, Department of Bougainville



**Revocation of Appointment and Appointment of Members of the North Solomons Provincial Building Board—continued**

*Schedule—continued*

Column 1 Provincial Building Board	Column 2 Members	Column 3 Deputy Members
North Solomons— <i>continued</i>	Francis Tommy, Provincial Health Inspector	Motoru Memeho, Assistant Health Inspector
	John Kolan—Provincial Works Co-ordinator, Department of Bougainville	Joe Runjimora—Provincial Architect, Division of Technical Services
	Anna Masatt—Health Inspector, Buka Urban Town Council	Billy Ketsian—Rules Inspector, Buka Urban Town Council
	Cletus Harepa, Buka Urban Town Council	—
	Robert Atsir—Private member	William Nakin

Dated this 18th day of January, 2001.

J. KAMB,  
Minister for Works.

*Fisheries Management Act 1998*

**NATIONAL TUNA FISHERY MANAGEMENT PLAN**

I, Honourable. Ron Ganarafo, Minister for Fisheries and Marine Resources, by virtue of the powers conferred by Section 28 of the *Fisheries Management Act 1998*, and all other powers me enabling, hereby give notice on the revised version of the National Tuna Fishery Management Plan. This plan supercedes the previous plan gazetted on G35, 8th March 1999 and to take effect immediately.

**ABBREVIATIONS**

- Cpue—Catch per unit of effort.
- DWFN—Distant Water Fishing Nations.
- EEZ—Exclusive Economic Zone.
- FFA—Forum Fisheries Agency.
- FSM—Federated States of Micronesia.
- IPA—Investment Promotion Authority.
- Mt—metric tonne.
- NFA—National Fisheries Authority.
- OFP—Oceanic Fisheries Programme.
- PNA—Parties to the Nauru Agreement.
- PNG—Papua New Guinea.
- PNGFZ—Papua New Guinea Fisheries Zone.
- SPC—Secretariat of the Pacific Community (formerly South Pacific Commission).
- TAC—Total Allowable Catch.
- US—United State (of America).

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**National Tuna Fishery Management Plan—continued****PART I.—PRELIMINARY INFORMATION.****1. INTRODUCTION.**

- (1) The National Goals and Directive Principles urges the Nation's Fisheries Resources to be managed in a manner, which maximises Papua New Guinean participation through the wise use and development of the Fisheries Resources as a renewable asset.
- (2) The *Fisheries Management Act* and this Plan, to the extent that it is applicable, must be capable of supporting this level of Resource Management.
- (3) This National Tuna Fishery Management Plan has been established in accordance with Government policy and Papua New Guinea's international commitments.
- (4) This Plan is divided into Preliminary Information, Management Framework, and Application Framework sections.
- (5) Part I provides the Preliminary Information outlining the parts of the Plan;
- (6) Part II provides the Management Framework for the sustainable development of the tuna fishery. It acknowledges the sovereign rights of Papua New Guinea to manage highly migratory fish stocks, and develop its domestic tuna fishing industry, thus ensuring that the State and its people gain optimal benefit from the tuna resource. In considering the highly migratory nature of tuna, the Management Framework adopts the precautionary approach to management, taking into account the scientific information available for developing the resource; the need for Regional and International Cooperation in conserving and managing the tuna resource; taking into account the need to continue to carry out research; and consideration of the customary, artisanal, and other users of the tuna resource.
- (7) Part III provides the Application Framework in accordance with the management requirements provided for by the *Fisheries Management Act*. The Application Framework covers the principal fisheries, (1) Longline Fishery; (2) Purse Seine Fishery; and (3) Pole-and-line Fishery.

**2. CITATION.**

This plan shall be cited as the National Tuna Fishery Management Plan.

**3. APPLICATION OF PLAN.**

- (1) The Plan applies to all activities by way of "fishing" as defined in the *Fisheries Management Act 1998*.
- (2) The species covered by this Plan include;
  - (a) all tuna species; and
  - (b) all other non-target, associated or dependent species taken in the course of fishing for tuna.
- (3) The area of waters covered by this Plan includes all Papua New Guinea fisheries water, including the
  - (a) internal waters;
  - (b) territorial sea;
  - (c) archipelagic waters; and
  - (d) offshore waters.
- (4) This Plan covers,
  - (a) all methods of fishing for tuna, including but not necessarily limited to;
    - (i) Surface Tuna Fisheries
      - (a) Purse seining
      - (b) Pole-and-line
      - (c) Trolling; and
    - (ii) Mid Water Tuna Fisheries
      - (a) longlining
      - (b) droplining
      - (c) handlining or single line fishing; and
  - (b) all related activities, as specified in Part III, including but not necessarily limited to:—
    - (i) use of fish aggregation devices;
    - (ii) transshipping;
    - (iii) port calls;

**National Tuna Fishery Management Plan—continued**

- (iv) bunkering;
- (v) bait fishing;
- (vi) mothership operations;
- (vii) aircraft support operations; and
- (viii) provisioning.

**4. REVIEW OF THE PLAN.**

The National Tuna Fishery Management Plan shall be kept under review and revised when necessary.

**PART II.—MANAGEMENT FRAMEWORK.***Division 1—Description of the Tuna Resource.***5. DESCRIPTION OF THE TUNA RESOURCE.**

1. The PNG tuna resource and the fishery can best be described in the following manner:

- (a) the PNG Fisheries Zone (PNGFZ), located in the Western and Central Pacific, compared to other tropical waters in the region, is highly productive as a result of its geographical and climate location. It is influenced by localised upwellings associated with large number of islands, reefs and sea mounts, periodic extensions of the equatorial upwelling, seasonal monsoon upwellings and current reversals along the New Guinea north coast, and nutrient run-off from the high-rainfall landmass;
- (b) productivity in the PNGFZ is also strongly influenced by El Nino events, with lower productivity during such period (reduced equatorial upwelling, deeper mixed layer, higher temperature and lower salinity);
- (c) the tuna species of principal interest in the PNGFZ are the so called offshore tunas, which include skipjack *Katsuwonus pelamis*, yellowfin *Thunnus albacares*, bigeye tuna *Thunnus obesus*, and albacore *Thunnus alalunga*;
- (d) world production of tuna on an annual basis of around 3.2 million mt, of which skipjack comprises some 1.48 million mt (47.3%), yellowfin 1.19 million mt (37.9%), bigeye 283,000 mt (9.0%), and albacore 193,000 mt (6.1%);
- (e) approximately (1.2 million mt) of this world catch is taken in the Central and Western Pacific Ocean, with up to 30% of the regional tuna production coming from PNG in exceptional years and 20% in most years;
- (f) the Oceanic Fisheries Programme (OFP) of the Secretariat of the South Pacific Community (SPC) maintains a Regional Tuna Database from which catches from member countries are analysed;
- (g) over the last decade the estimated purse-seine catch from PNG waters exceeded 200,000 mt in three years with the highest being over 350,000 mt;
- (h) the highest estimated catch in the longline fishery was 19,500 mt in 1978. Since the domestication of the longline fishery in 1995, this young industry exported between 800 mt and 1000 mt annually over the last two years;
- (i) catch by the Japanese and PNG pole-and-line vessels in the early 1970s had peaked at 90,000 mt and almost 50,000 mt was landed by domestic vessels;
- (j) the OFP has also estimated the monthly throughput of tuna into the PNGFZ to be 118,000 mt of skipjack and 30,000 mt of yellowfin, and the standing stock at 411,000 and 141,000 respectively;
- (k) tuna in the PNG zone has been largely taken by foreign operators and processed offshore. The purse-seine fishery begun to develop locally, firstly with the establishment of the RD Tuna Cannery, Pty. Ltd. and supported by its fishing fleet, the RD fishing — PNG, Pty. Ltd. as well as other private investor operations;
- (l) domestication of the tuna longline fishery is being pursued strongly. The small scale operations of this fishery, in terms of investment, work force, work skills and infrastructure requirements, have combined to generate high value products, making this to be a successful industry in the long run.

**National Tuna Fishery Management Plan—continued***Division 2—Objectives of the Plan.***6. OBJECTIVES OF THE NATIONAL TUNA FISHERY MANAGEMENT PLAN.**

The broad objective of the National Tuna Fishery Management Plan is to give effect to the fisheries management objectives and principles contained in the *Fisheries Management Act*, and specifically to:—

- (a) Maximise benefits to Papua New Guinea from sustainable use of its tuna resource; and
- (b) Satisfy Papua New Guinea's regional and international obligations in regard to the management and conservation of tuna resources, while holding the country's national interests paramount; and
- (c) Minimise any adverse impacts of tuna fishing and related activities on the marine environment; and
- (d) Minimise any adverse impacts on other fishing sectors, including the artisanal and traditional sectors; and
- (e) Improve decision-making in relation to management of the tuna fishery through effective information and communications network; and
- (f) Ensure that the provisions of this Plan are developed, implemented, administered and monitored in an efficient and cost-effective manner.

*Division 3—Management and Development of the Tuna Fishery.***7. STRATEGIES.**

The following management strategies are adopted for the fishery:

- (a) establish a national Total Allowable Catch (TAC) for each relevant fishery, or by licence category;
- (b) implement limits on fishing effort for tuna species, consistent with national TAC levels;
- (c) encourage and facilitate the sustainable development of Papua New Guinea's domestic industry for tuna;
- (d) develop and apply criteria for licence consideration, which give preference to PNG operators;
- (e) regulate the deployment and utilisation of artificial fish attractants, including anchored fish aggregation devices (FAD or payao), that may cause gear conflict and fishery interaction, or have adverse biological impact on the tuna stocks;
- (f) support fiscal and development incentives to invest in the domestic tuna industry;
- (g) implement zoning where necessary to prevent localized tuna stock depletion, or gear conflict, enhance the longer term viability of locally-based industries;
- (h) collect and validate scientific data on the status of tuna stocks towards national and regional assessment through the use of regional log books, port sampling, scientific observers, and other methods;
- (i) promote industry involvement in research, including active use of industry vessels and knowledge towards improving stock assessment processes and providing economic data on their operations for the purpose of reviewing the Plan;
- (j) develop and implement a policy to recover the costs of management being incurred by NFA;
- (k) monitor tuna fishing impact on associated or dependent species and, as necessary, adopt measures to ensure sustainable management;
- (l) monitor interactions between the licensed tuna fishery and other users of the resource, and where necessary, implement measures to address any adverse impacts;
- (m) monitor the economic performance of the tuna fishery, including information on catches, sales, processing and other relevant information;
- (n) implement a strategy to ensure responsible fishing, as required under international or regional conventions to which PNG is a party;
- (o) facilitate active involvement in consultations on fishery management arrangements.

**National Tuna Fishery Management Plan—continued**

Specific management and development measures applying to each sector of the fishery are outlined under Part III of this Plan.

**8. PRECAUTIONARY APPROACH TO FISHERIES MANAGEMENT.**

NFA will apply a precautionary approach to the sustainable management of the tuna resource and non-target, associated or dependent species, taking into account the best scientific evidence available on the status of the stocks and the uncertainties inherent in that advice.

**9. TOTAL ALLOWABLE CATCH.**

- (1) A Total Allowable Catch (TAC) shall be set for each fishery and licence category;
- (2) The NFA may review the TAC, taking into account results of scientific research, economic performance of the fishery, and any other factors that it may consider as relevant to the development of an efficient and sustainable operation of the tuna fisheries, and advise the Minister through the National Fisheries Board. The Minister may announce a new TAC from time to time.
- (3) The TAC's for each fishery are as described in Part III of this Plan for each fishery, as follows:—
  - Division 2. Longline Fishery;
  - Division 3. Purse-Seine Fishery; and
  - Division 4. Pole-and-Line Fishery;

**10. CONTROL OF BY-CATCH.**

The by-catch of the tuna fisheries shall be managed through enforcing fishing licence conditions and/or subject to the reciprocating management requisites for other species or fisheries.

**11. CONTROL OF FISHING EFFORT.**

- (1) The NFA may, from time to time, review the level of catch of each tuna species or licensing arrangements, and recommend changes to correspond to the level of fishing effort, type or methods of fishing, or categories of licence available which is applicable in the tuna industry.
- (2) Such a review may be prompted by, but not be restricted to;
  - (a) the TAC being approached generally, or by a respective fishery or by any licensing category;
  - (b) an opportunity to expand, or the need to reduce the level of fishing effort in line with new scientific evidence on the status of the stocks;
  - (c) a need to adjust fishing efforts in one sector because of adverse interaction with another, or localised stock depletion;
  - (d) management initiatives taken at the regional or multilateral level, in particularly sustainable levels of fishing on a stock-wide basis; and
  - (e) following any new Government Policy initiatives.

**12. CLOSED AREAS.**

- (1) The Board may, from time to time, by notice in the National Gazette, following a recommendation from the Managing Director, delineate specific areas to be closed to certain categories of fishing and other related activities including conservation, preventing interaction between different categories of licensed fishing vessels, interaction between commercial fishing vessels and non-commercial fishing operations.
- (2) The closed areas applied to each fishery are specified under the respective Divisions 2, 3 and 4 of Part III of this Plan.

**13. ALLOCATION OF LICENCES.**

Allocation of licences shall be guided by the Domestication Policy set out in this Plan and in accordance with the Application Framework set out for each fishery under the respective Divisions 2, 3 and 4 of Part III of this Plan.

**National Tuna Fishery Management Plan—continued****14. SCIENTIFIC RESEARCH.**

- (1) Scientific research programmes shall be drawn up to coordinate research priorities that ensure the sustainability of the tuna resource. This may include the biology and ecology of the tuna stocks, stock assessment and economic operation of the tuna fishery.
- (2) In accordance with the *Fisheries Management Act*, licensed operators are obliged to submit data on catch and effort and marketing for the purpose of this Plan. Data will be collected through approved forms, which may be amended from time to time.
- (3) The NFA may place observers on fishing and related vessels for the purpose of research and compliance. Fishing operators are obliged to cooperate with observers in accordance with the provisions of the *Fisheries Management Act*.

*Division 4—Policy on Tuna Fishery Development.***15. DOMESTICATION POLICY.**

- (1) The Minister may, from time to time;
  - (a) announce major initiatives designed to boost the development of the domestic tuna industry, and to maximise benefits to Papua New Guinea from the management and development of PNG's tuna stocks;
  - (b) announce policies setting out conditions of operation for domestic charter vessels, including fees and charges to be paid, provided that an increase in this category reduces foreign access.
- (2) Notwithstanding the overall objective of the National Tuna Fishery Management Plan, which is aimed at sustainable exploitation of the tuna resource, the principle objective of this policy is to promote an increased rate of participation by Papua New Guineans in the tuna industry
- (3) Guidelines and conditions, which support the policy, are therefore required for licensing and operation of all vessels in the tuna fishery, so that potential investors are aware of the Government's requirements. Guidelines and conditions for allocating licences are set out in Part III of this Plan.

**16. CUSTOMARY AND ARTISANAL FISHERS.**

Special consideration should be given to avoiding any adverse impacts on customary resource owners in accordance with Section 26 of the *Fisheries Management Act*, which directs that the rights of customary owners of fisheries resources and fishing rights shall be fully recognized and respected in all transactions affecting the resource or the area in which the right operates.

**17. GAMEFISH FISHERY.**

- (1) The gamefish fishery is in its infancy in Papua New Guinea. The scope for expansion in this fishery is great. Tuna longline, tuna purse seine and tuna pole-and-line fisheries also catch species that are targeted by gamefish fishermen and the degree of interaction, scientific quality data and comprehensive information on catch and effort from licensed operators are required.
- (2) Invocation of Section 29 of the *Fisheries Management Act* will be necessary, which requires licensed operators in the tuna fisheries, including the game fish fisheries, to supply records, returns and other information deemed necessary for the management, development and conservation of the fishery resources in PNG waters.

*Division 5—Monitoring of the Plan.***18. NATIONAL AND REGIONAL TUNA RESEARCH AND MONITORING.**

- (1) The NFA will carry out a programme of research on PNG's tuna stocks including monitoring of the fisheries with a view to developing an information base and capability to quantify the magnitude of tuna catches in PNG waters including inter-annual variability and catch per unit effort (cpue), the species breakdown of catches, and size structure by species in the catches.
- (2) PNG shall continue to work with regional management bodies in research and monitoring of the tuna fishery, which is to be published in annual reports.



**National Tuna Fishery Management Plan—continued****19. MONITORING, COMPLIANCE AND SURVEILLANCE.**

- (1) The NFA shall, through the application of its surveillance programme, strive to protect the tuna stocks from illegal exploitation. The programme shall apply the strategic use of observers and fishery officers on licensed fishing vessels.
- (2) PNG shall also maintain close liaison and consultation with regional organizations on all matters relating to vessel register and regional cooperation on surveillance and harmonised minimum terms and conditions for licensing fishing vessels, including participation in satellite monitoring systems for both foreign and domestic licensed vessels.

**PART III.—APPLICATION FRAMEWORK.***Division 1—Interpretation.***20. INTERPRETATION.**

In this Plan, unless the contrary appears, each word or group of words has the same meaning, if any, as it has in the *Fisheries Management Act*, except where this differs as provided below:—

"Act" means the *Fisheries Management Act* as amended from time to time;

"Archipelagic Waters" means the area of water defined in the *National Seas Act 1977*;

"Bunkering" means taking on fuel;

"By-Catch" means all other species of fish caught in the course of fishing where tuna is the target species;

"Fishery Management Area" means the specified area to which the fishery plan relates;

"Fresh Chilled Operation" means a fishing operation which stores tuna in ice or chilled water at not lower than minus 4 degrees celsius and where the tuna are fresh chilled and not frozen;

"Freezer Operation" means a fishing operation that stores tuna below minus 4 degrees celsius and where the tuna are frozen;

"Locally Based Foreign Fishing Vessels" means a foreign fishing vessel which operates from Papua New Guinea during its licensing period and lands or tranships an approved portion of its catch in Papua New Guinea as an export of Papua New Guinea;

"Mothership" means a marine vessel, which has the capability to carry and store tuna, to supply catcher vessels with the requisites for fishing, and to transport catches from fishing vessels at the fishing ground to a port of operation in Papua New Guinea;

"Six - Mile Limit" means that sea area within six (6) miles of any land, island or declared reef;

"Territorial Sea" means that sea area within twelve (12) miles from the Territorial Sea baseline, as defined in the *National Seas Act 1977*;

"Tuna Stock" means a discrete breeding population of a particular tuna species;

"Twelve - Mile Limit" means that sea area within twelve (12) miles of any land, island or declared reef.

*Division 2—Longline Fishery.***21. PREAMBLE.**

In line with the objectives of the National Tuna Fishery Management Plan, the following management and development measures shall be imposed for the longline fishery.

**22. LIMITS ON FISHING LICENCES.**

Only longline fishing vessels licensed to fish under the *Fisheries Management Act 1998* shall operate in Papua New Guinea fisheries waters. The total number of longline tuna fishing vessels to be licensed shall be 100. This is based on a calculation of the catching capacity of a longline vessels setting 1,200 hooks per day.

**23. TYPE OF OPERATIONS.**

- (1) Fresh chilled vessels, along with a limited number of freezer vessels, will be the principal type of operation licensed to operate in the tuna longline fishery. Fresh chilled vessel operators will be allowed to retain a percentage of frozen products as part of their operation. This percentage will be imposed by conditions on their licence.
- (2) National companies may charter foreign registered vessels to be based in PNG to operate only as fresh chilled vessels. National companies may only operate foreign registered longline vessels if they already own longline vessels registered in PNG. Upon advice by the National Fisheries Board, the Minister may, from time to time, announce the number of foreign vessels that a national company may charter.

**National Tuna Fishery Management Plan—continued****24. ALLOCATION OF LICENCES.**

- (1) Fishing licences in respect to tuna longline fishing shall be issued only to Papua New Guinea registered and flagged vessels and locally based foreign fishing vessels operated by Papua New Guinea companies.
- (2) On allocating licences, preference will be given to national fishing companies with PNG registered and flagged vessels. The number to be allocated to each licence category and type of operation shall be in accordance with Schedule 1.

**25. TOTAL ALLOWABLE CATCH FOR THE TUNA LONGLINE FISHERY.**

Total allowable catch (TAC) for the tuna longline fishery in the fisheries waters of Papua New Guinea shall be 10,000 metric tonnes per annum.

**26. GUIDELINES FOR THE OPERATION OF COMPANIES AND OPERATORS OF CHILLED AND FROZEN TUNA LONGLINE VESSELS.**

To assist the progressive growth of a domestic tuna longline fishery and to promote PNG citizen and national companies participating in the industry, a set of guidelines has been approved hereto by the Minister. These guidelines are as follows:—

- (a) In the interest of meaningful Papua New Guinea participation in this developing industry, tuna longline ventures will be restricted to citizens and national companies. Ventures with more than 49 percent foreign share holding shall not be permitted.
- (b) No domestic licensed boat shall be permitted to land catch or product directly to an overseas port.
- (c) Wet charters will not be permitted. However, dry charter of foreign vessels will be permitted in the short term. All charters will be on a quota arrangement whereby each company must have in operation one (1) PNG owned boat to one (1) chartered boat. Charters will only be permitted where domestic capacity is insufficient.
- (d) Chartered boats will be subject to meeting PNG safety and survey standards under the *Merchant Shipping Act*, administered by the Department of Transport, as well as Customs Clearance, before licensing.
- (e) To avoid a monopoly situation in this limited fishery, no single fleet will be allowed to exceed either twenty (20) boats total (owned and chartered) or have a combined capacity to fish (set) greater than 24,000 hooks per day.
- (f) Lease-purchase agreements will be encouraged but shall be regarded in the same way as dry charter boats under this guideline.
- (g) In applying for tuna longline licences, the gear must be specific to tuna longline gear specification. To be inspected and certified by NFA or an independent expert, before issuance of licences.
- (h) National fisheries observers will be placed on board from time to time to monitor the operations and to ensure that the operations set to target tuna.
- (i) Fishing using longline gear is prohibited within 6 miles from any land or island or declared reef.
- (j) The use of satellite monitoring should be made compulsory as soon as the capability is in place.
- (k) Freezer vessels (less than or equal to 4 degrees celsius) will be allowed under the following conditions:—
  - (i) Boats to be registered and owned or chartered by PNG citizen companies.
  - (ii) Boats must land and export their product through a PNG port.

**27. AREAS OF OPERATION.**

The licence shall specify the areas of operation and shall be used in accordance with the following schedule:

**PNG Registered and Flagged Vessels and Locally Based Foreign Vessels**

- (a) Territorial Sea
- (b) Offshore Waters
- (c) Archipelagic Water

*\*Except within six (6) miles from any land, island or declared reef.*

**National Tuna Fishery Management Plan—continued****28. PROHIBITED AREAS.**

Areas where access is strictly prohibited, unless stated otherwise in the terms of the licence, includes:—  
Six (6) miles from any land, island or declared reef.

**29. TRANSFER AT SEA.**

Transfer of longline tuna catch at sea shall be permitted between licensed longline vessels subject to landing of the product at a PNG Port.

**30. RELATED ACTIVITIES.**

- (1) Management of the longline fishery may take into account all related activities, including but not necessarily limited to:—
  - (a) use of fish aggregation devices;
  - (b) transshipping;
  - (c) port calls;
  - (d) bunkering;
  - (e) bait fishing;
  - (f) mothership operations;
  - (g) aircraft support operations; and
  - (h) provisioning.
- (2) Preference will be given to fishing operators using PNG based suppliers and groups or companies providing related services.

*Division 3—Purse Seine Fishery.***31. PREAMBLE.**

In line with the objectives of the Plan, the following management and development measures shall be imposed for the purse seine tuna fishery.

**32. LIMITS ON FISHING LICENCES.**

- (1) Only purse seine vessels licensed to fish under the *Fisheries Management Act* may operate in the fisheries waters of PNG.
- (2) In allocation of Licences, the National Fisheries Board shall give first priority to purse seine vessels registered and flagged in PNG and second priority shall be given to locally based foreign vessels operated by Papua New Guinea fishing companies. The total number of purse seine fishing vessels to be licensed shall be 100.

**33. TOTAL ALLOWABLE CATCH.**

The total allowable catch (TAC) for the tuna purse seine fishery in the fisheries waters of Papua New Guinea shall be 338,000 mt per annum. The TAC is inclusive of skipjack, yellowfin and bigeye tunas.

**34. ALLOCATION OF LICENCES.**

- (1) In allocation of purse seine fishing licences, consideration shall be given to current and future regional and international arrangements to which PNG is a party. This includes:—
  - (a) Palau Arrangement for the Management of the Western Pacific Tuna Purse-Seine Fishery.
  - (b) Federated States of Micronesia Multilateral Arrangements for Regional Fisheries Access (FSM Arrangement).
  - (c) Treaty on Fisheries between the Governments of Certain Pacific Island States and the Government of the United State of America (US Treaty).
  - (d) Bilateral Arrangements between fishing companies, fishing associations or Governments of distant water fishing nations (DWFN).
- (2) The TAC shall be allocated to licensed purse seiners in accordance with Schedule 2 and in accordance with the catch level per licence categories set out in Schedule 2.

**National Tuna Fishery Management Plan—continued****35. MOTHERSHIP OPERATIONS AND TRANSHIPMENT.**

- (1) Only vessels with carrying capacity of 600 mt or less may operate with motherships within the PNGFZ. Each mothership shall be subject to compulsory observership, port clearance and must comply with the same reporting requirements as for purse-seine vessels.
- (2) All licensed domestic and locally-based foreign purse-seine fishing vessels and licensed motherships, except where allowed for under the terms of the licence are prohibited from transshipment in the PNGFZ and on the high seas.

**36. OPERATION OF LOCALLY-BASED FOREIGN VESSELS IN THE TUNA PURSE SEINE FISHERY.**

- (1) To assist and develop the PNG domestic purse-seine fishery a set of guidelines to operate locally based foreign purse seine vessels is now approved by the Minister. These Guidelines are as follows:—
  - (a) Approval to operate locally based foreign fishing vessels will only be given to companies that are defined by the IPA Act as, Citizen companies and National companies
  - (b) Approval to continue operating will only be given if IPA requirements are observed;
  - (c) Locally-based foreign vessels must operate from a PNG port;
  - (d) All fish taken by locally based foreign vessels within the EEZ and on the High Seas must be landed in PNG for processing or transhipped as PNG export from a designated port;
  - (e) Locally-based foreign vessels shall be allowed to operate solely in the EEZ;
  - (f) Locally-based foreign vessels shall be granted licences for one (1) year, subject to annual renewal, the licence conditions may be renewed at anytime;
  - (g) The review will consider the extent of domestic involvement in the catching, processing and marketing of tuna taken under such licences, from which the NFA will determine conditions appropriate for the further issuance of a licence;
  - (h) Locally-based foreign vessels will be required to fully comply with all reporting requirements of the Act, Regulations, Tuna Fishery Management Plan, or licence conditions;
  - (i) Observers will be required, by the NFA, to be placed on vessels on conditions similar to the vessel crew and at the expense of the operation, as provided for in the Act and Regulation;
  - (j) In addition to the licence fee prescribed in the Regulations, there shall be a charge for locally based foreign vessels for access to the tuna resource. The National Fisheries Board will consider the appropriate level of access fee which will be assessed in a like manner to vessels licensed under the FSM Arrangement with a nominal fee of 2.5% as follows:—

Access Fee = average regional catch per vessel x average price of tuna x 2.5%.
  - (k) Licensing procedures will be in accordance with the *Fisheries Management Act 1998*.
- (2) These guidelines will allow the expansion of a locally based fleet in the purse seine fishery, up to the limit stated in the Plan. If there is demand for licensing such vessels in excess of this number, this may be accommodated by further reducing the number of vessels licensed under Bilateral Access Agreements.

**37. AREAS OF OPERATION.**

The licence conditions shall set out areas of operation and shall be as follows:—

- (i) PNG registered and flagged purse seine fishing vessels
  - (a) Territorial Seas
  - (b) Archipelagic Waters
  - (c) Offshore Waters

*\*Except within twelve (12) miles from any land, island or declared reef.*

**National Tuna Fishery Management Plan—continued**

- (ii) Locally based foreign purse seine fishing vessels on charter
  - (a) Offshore Waters
- (iii) Bilateral access agreement, multilateral arrangement or treaties licensed purse seine fishing vessels
  - (a) Offshore Waters

**38. PROHIBITED AREAS.**

Areas where access is strictly prohibited, unless stated otherwise in the terms of the licence, include:—

Twelve (12) miles from any land, island or declared reef.

**39. RELATED ACTIVITIES.**

- (1) Management of the purse seine fishery shall take into account all related activities, including but not necessarily limited to:—
  - (a) use of fish aggregation devices;
  - (b) transshipping;
  - (c) port calls;
  - (d) bunkering;
  - (e) mothership operations;
  - (f) interaction between longline and pole-and-line operations;
  - (g) aircraft support operations; and
  - (h) provisioning.
- (2) Preference will be given to fishing operators using PNG based suppliers and groups or companies providing related services.

*Division 4—Pole-and-line Tuna Fishery.*

**40. PREAMBLE.**

In line with the objectives of the Plan, the following management and development measures shall be imposed for the pole-and-line fishery.

**41. LIMITS ON FISHING LICENCES.**

- (1) Access to this fishery may be given only to PNG registered and flagged vessels and locally-based foreign vessels operated by PNG companies.
- (2) Currently there are no licensed pole-and-line vessels in the fishery, as vessels come into the fishery, appropriate number of licences shall be allocated and the effort adjusted through reduction of number of licences in Category C of Schedule 2.

**42. TOTAL ALLOWABLE CATCH FOR POLE-AND-LINE TUNA FISHERY.**

- (1) The Total Allowable Catch (TAC) for the pole-and-line tuna fishery in the fisheries waters of Papua New Guinea shall be 20,000 mt, but may be increased as demand arises, or if not taken, will be transferred to the purse seine fishery.
- (2) The TAC is declared as the most suitable sustainable harvest target allowing for an acceptable level of risk, given the present state of knowledge of the tuna resource and catch levels, and given that there is currently no pole-and-line fishing operation in PNGFZ.

**43. AREAS OF OPERATION.**

The licence conditions shall set out areas of operation and shall be as follows:—

- (a) PNG Registered and Flagged Vessels
  - (i) Territorial Seas
  - (ii) Offshore Waters
  - (iii) Archipelagic Waters

*\*Except within twelve (12) miles from any land, island or declared reef.*

**National Tuna Fishery Management Plan—continued**

(b) Locally Based Foreign Vessels

- (i) Territorial Seas\* $\psi$
- (ii) Archipelagic Waters\* $\psi$
- (iii) Offshore Waters

\*Except within twelve (12) miles from any land, island or declared reef.

$\psi$  Provided that they land their catch to PNG shore-based facilities, Locally Based Foreign Fishing Vessels may operate in the Archipelagic Waters, and the Territorial Sea for a period of five (5) years from first issue of licence then must be licensed as a PNG registered and flagged fishing vessels to qualify for such access.

**44. PROHIBITED AREAS.**

Areas where access is strictly prohibited, unless stated otherwise in the terms of the licence, include:—

Twelve (12) miles from any land, island or declared reef.

**45. RELATED ACTIVITIES.**

(1) Management of the pole-and-line fishery shall take into account all related activities, including but not necessarily limited to:—

- (a) use of fish aggregation devices;
- (b) transshipping;
- (c) port calls;
- (d) bunkering;
- (e) bait fishing;
- (f) mothership operations;
- (g) aircraft support operations;
- (h) interaction with longline and purse-seine operations; and
- (i) provisioning.

(2) Preference will be given to fishing operators using PNG based suppliers and groups or companies providing related services.

**SCHEDULE 1**

The number of licence to be allocated to each category and type of operation of Tuna Longline Fishing Vessels.

Licence Category	No. of Licences
PNG registered and flagged fresh chilled vessels	70 licences
Locally based foreign vessels [provided that this category will be the first category reduced as PNG registered and flagged vessel capacity increases]	10 licences
Freezer Vessels (only 100% national owned companies)	20 licences

**SCHEDULE 2**

The number of licences and catch level to be allocated to each category of operation of the surface tuna Fishery.

Licence Category	Allocated Catch Level
A. PNG Registered and Flagged Vessels and Locally Based Foreign Fishing Vessels Licences	The overall TAC shall be a rolling average taken over a three year period. Taking into account the possibility of the TAC being exceeded in any one year as a result of additional operation of PNG fishing vessels brought into this fishery in excess of the estimated number. Such an increase will also result in a corresponding reduction in the number of licences allocated to bilateral licence vessels. [Licence Category C]: No limit on the number of vessels or level of catch, provided that the tonnage to be taken shall be estimated at:  60,000 metric ton

**National Tuna Fishery Management Plan—continued****Schedule 2—continued**

Licence Category	Allocated Catch Level
B. FSM Arrangement Licences, and US Treaty Licences	Access to PNG waters by US vessels and regional vessels is governed by a Treaty and an Arrangement. Access is paid to PNG, based on the amount of catch made in the PNG Fisheries waters. The allocated catch for this category shall be a rolling average of three years. 20,000 metric ton
C. Bilateral Agreement Licences	258,000 metric ton
Total Allowable Catch from PNG Fisheries Waters	338,000 metric ton

Approved this 13th day of December, 2000.

R. GANARAFO, MP,  
Minister for Fisheries and Marine Resources.

**National Agriculture Quarantine and Inspection Authority Act 1997****REVOCATION OF APPOINTMENT AND APPOINTMENT OF OFFICERS OF THE AUTHORITY BOARD**

THE BOARD OF THE AUTHORITY, by virtue of the powers conferred by Section 23 of the *National Agriculture Quarantine and Inspection Authority Act 1997* and all other powers it enabling, hereby—

(a) revoke the appointment of the following persons as Quarantine Officers—

Hicky Enoch  
Mame Kasalau  
Rose Lambulai; and

(b) appoint the following persons to be Quarantine Officers for the purposes of the Act—

Sidney Suma	Wane Paina	Sophie Nambuk
Zaccheus Posanei	Mark Songtava	Martin Enaua
Rose Yalwan	Helen Woiwoi	Grace Kuskus
Nason Pue	David Tenakanai	Kennedy Muasi
Andrew Sagen	Chris Kabobo	Agnes Matheson
Gabriel Wayen	Raphael Evinu	Pius Kipau
Augustine Niamus	John Maikei	Francis Kenima
Paul Tanago	Cletus Banak	

Dated this 15th day of January, 2001.

J. C. KOLA,  
The Board of the Authority.

**Land Act 1996****NOTICE UNDER SECTION 102**

I, Guao Zurenuoc, OBE, Secretary for Lands, by virtue of the powers conferred by Section 102 of the *Land Act 1996* and all other powers enabling me, hereby grant state leases to the following applications for purposes specified in the Schedule hereto:

- The lease shall be used bona fide for purposes specified in the Schedule.
- The lease shall be for a term specified in the Schedule commencing from date the land was leased from the customary landowners to the State under Section 11.
- The lease shall be rent free for the duration of the leases.

**SCHEDULE**

File No	Applicant	Type of Lease	Land Name	Portion	M/L	F/M Prov.	Term of Lease
09120/2692	Peter Malt	Special Agricultural and Business Lease	Wumundi	2692c	Hagen	Ramu, WHP	99 yrs

Dated this 18th day of January, 2001.

G. ZURENUOC, OBE,  
Secretary for Lands & Physical Planning.



Land (Ownership of Freeholds) Act 1976

## NOTIFICATION OF GRANT OF SUBSTITUTE LEASE

I, Guao K. Zurenuoc, a Delegate of the Minister for Lands, by virtue of the powers conferred by Section 22(1) of the *Land (Ownership of Freeholds) Act 1976* hereby grant to Bell Keith Ronald a substitute of that piece or parcel of land described in the Schedule hereto in accordance with the following conditions:

- (a) Term - 99 years
- (b) Rent - Nil
- (c) Improvement Covenant - Nil
- (d) The lessees will excise any easements over the same as may from time to time be reasonably required by the state for roads, electricity, water reticulation, sewerage and drainage or telecommunication facilities. The lessee shall have a right to compensation under the *Land Act 1962* in respect of excision and surrender of such portions or the grant of such easements as though there had been a compulsory acquisition of the same under that Act.
- (e) The obligation on the part of the corner to recognize as such any public roads or rights of way or landing places subsisting on the said land.

SCHEDULE

All that piece of land known as Allotment 8, Section 9, Town of Kokopo in the East New Britain Province contained in Certificate of Title Volume 23, Folio 225.

Dated this 27th day of September, 2000.

G. K. ZURENUOC, OBE,  
A Delegate of the Minister for Lands.

Land (Ownership of Freeholds) Act 1976

## NOTIFICATION OF GRANT OF SUBSTITUTE LEASE

I, Guao K. Zurenuoc, a Delegate of the Minister for Lands, by virtue of the powers conferred by Section 22(1) of the *Land (Ownership of Freeholds) Act 1976* hereby grant to New Guinea Islands Produce Co. a substitute of that piece or parcel of land described in the Schedule hereto in accordance with the following conditions:

- (a) Term - 99 years
- (b) Rent - Nil
- (c) Improvement Covenant - Nil
- (d) The lessees will excise any easements over the same as may from time to time be reasonably required by the state for roads, electricity, water reticulation, sewerage and drainage or telecommunication facilities. The lessee shall have a right to compensation under the *Land Act 1962* in respect of excision and surrender of such portions or the grant of such easements as though there had been a compulsory acquisition of the same under that Act.
- (e) The obligation on the part of the corner to recognize as such any public roads or rights of way or landing places subsisting on the said land.

SCHEDULE

All that pieces of land known as Portion 56, Lots 7, 8 & 9, Milinch Blanche, Fourmil Rabaul in the East New Britain Province contained in Certificate of Titles Volumes 20, 21 and 22, Folios 249, 1 and 51.

Dated this 27th day of September, 2000.

G. K. ZURENUOC, OBE,  
A Delegate of the Minister for Lands.