

*Unannotated copy*  
*June 92 (Medan)*  
**MEDAN COPY**

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**George Clarke, Environmental Planner & Architect**

between 12.6. and 16.7.92  
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10 June 1992

The Chairman & Members  
The Housing Task Force  
Office of the Prime Minister  
Government Centre  
VAIAKU, Fongafale, Funafuti  
TUVALU (via Fiji)

Attn: Mr Amasone Kilei & Mr Luke Paeniu

Dear Sirs

**Transmittal of 9 copies of the first 3 draft Working Papers, & requests for data to be provided by 25 July, when Mr Clarke is to arrive in Funafuti to work again with the Task Force**

Thank you all for your kindness and co-operation during my two weeks of work for the Task Force in Fongafale in the first half of May.

*options* The Terms of Reference require the Task Force to "identify the issues, policy, ~~opinions~~, resources and constraints related to the development of housing in Tuvalu".

As you will appreciate, in the light of experience since 1973, when Fongafale was selected as the Headquarters and future Capital of a separate, and now independent, nation, satisfactory housing, living, working and transport conditions in an increasingly crowded, strictly limited, vulnerable and fragile area such as Fongafale, calls for careful prior consideration of:- climate; the best use and management of available land; the conservation of that land and its environment; energy and cost conservation; the continuous evolution of Tuvaluan culture and lifestyle; family and other private self-help enterprise, incentives and skills development; local and imported building materials and technologies; architectural design; and restraint in the growth of government employment on Fongafale Islet.

Your Task Force will be able to think your way through these issues much more quickly if you have full and accurate data before you, and it is my job to provide you with accurate summaries of such data, prior to attempting to formulate any recommendations based on inadequate consideration of perhaps inaccurate data.

I have begun by compiling 21 pages of 3 draft Working Papers. I enclose herewith 9 copies of this material so that you can give one copy to each Member of the Task Force. When you distribute the copies, I request that you request the following people to supply further accurate information on items highlighted in bold type, as follows:

**Item & Page Number:**

2 on page 2:  
10 on page 3:  
21 on page 5:  
22, 23 & 24 on pages 5 & 6:  
25 on page 6:  
36.1 on page 7:  
43 on page 8:  
48 on page 10:  
49 on page 10:  
50 to 55 on page 10:

60 on page 12:

61 on page 12:  
62 on page 12:

73 on page 13:

The foot of page 19:

**Attention:**

Census Commissioners;  
Civil Service Commissioner;  
The Lands Officer;  
The Office of the Prime Minister;  
The Department of Economic Planning;  
The Census Commissioner and The Lands Officer;  
The Archivist and The Attorney General;  
The Lands Officer;  
Everyone;  
The Public Works Division (Vete Sakaio, Trevor Hensen, Colin Reynolds & Ellen) & also the young Tuvaluan graduate in architecture from the Institute of Technology, Lae;  
Ministry of Labour, Works and Communication;  
the Public Works Division; and/or the Department of Economic Planning;  
The Attorney General;  
The Lands Officer & The Office of the Prime Minister;  
Ministry of Labour, Works & Communication and the Public Works Division;  
The Office of the Prime Minister, or whoever has data on the numbers and locations of "Classified Workers".

It would be helpful if your collection of information could be handed to me when I step off the plane at Funafuti on 25 July 1992, for which flight I now have a reservation. I have also booked to stay with Emily Lauti at Hideaway Guest House for three weeks or so from 25.7.92. I look forward to working closely with you, and diligently for you, during those three weeks or so.

Yours sincerely

*George Clarke*

George Clarke

Attachment: 21 pp

*edited, corrected + revised GC : 10. July 1992.*

## **THE GOVERNMENT'S HOUSING TASK FORCE**

**Chairperson:** The Acting Secretary to Government, Mr Amasome Kilei DDA(UK);

**Secretary:** Mr Luke Paeniu, Office of the Prime Minister;

**Members:** Ministry of Natural Resources & Home Affairs:

- \* The Acting Secretary for Home Affairs, inc Local Government & the Integrated Island Development Office, Mr Simeti Lopati BA (USP);
- \* The Acting Secretary for Natural Resources Development, Ms Lina Petaia (BA (USP);
- \* The Director of Agriculture, Mr Seluka Seluka DTA (USP);
- \* The Director of Lands, Mr Siniala Auega, surveyor;

Ministry of Labour, Works & Communications:

- \* The Acting Secretary, Mr Leuelu Leuelu, B.Comm (Otago);
- \* The Director of Works, Mr Vete Sakaio, engineer;

Ministry of Foreign Affairs & Economic Planning:

- \* The Rural & Physical Planner, Dept of Economic Planning and Statistics, Mr Aunese Simati, economist.

**Advisor:** Mr George Clarke, Environmental Planner & Architect

**Task:** To draft a NATIONAL HOUSING POLICY with Objectives, Strategies, Programmes and Priorities for Action, (including policies and proposals re housing for civil servants) suitable for formal adoption and implementation by Government, and as a basis for the preparation of Aid Project Requests to the Donor Community; all in accord with the Terms of Reference adopted by Cabinet in June 1991.

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**Working Paper No I: Documents Under Review by the Task Force, June 1992**

**Working Paper No II: People Consulted by the Advisor in May 1992**

**Working Paper No III: Civil Service Locational Analyses, May 1991**

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**WORKING PAPER NO I:  
DOCUMENTS UNDER REVIEW BY THE TASK FORCE**

1 to 35	Government of Tuvalu: Publications & Internal Documents
36 to 55	Government of Tuvalu: Maps, Surveys, Designs, Plans & Photographs
56 to 80	Government of Tuvalu: Reports, Recommendations and Proposals
81 to 109	Cultural, Historical, Environmental, Architectural & Building Research

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**Government of Tuvalu: Publications & Internal Documents**

- C
1. TUVALU NATIONAL REPORT FOR THE UNITED NATIONS CONFERENCE ON ENVIRONMENT & DEVELOPMENT (UNCED); Office of the Prime Minister, Vaiaku, Funafuti, Tuvalu, January 1992; 129 pages;
  - A 2. TUVALU CENSUS; Census Commissioner, Department of Planning & Statistics, Ministry of Foreign Affairs & Economic Planning:
    - 1991: Census November 1991; draft preliminary Tables 1 to 5 as at May 14, 1992; Note: Tables 1 to 44 are now requested;
    - 1979: Report on the Results of the Census of the Population of Tuvalu, 1979; published 1980, Funafuti; this is a large volume, a copy of which is held by the Tuvalu Census Commissioner;
    - 1973: Population Census, 1973; provisional report published 1974, Tarawa, Gilbert & Ellice Islands;
    - 1968: Census;
    - 1963: Census;
    - 1931: Census;
    - 1921, 1911, 1901, 1887, 1876: Population statistics in: Munro & Bedford: Historical Backgrounds, in: Census of Tuvalu, 1979; pp 1-13;
  3. AN ABSTRACT OF AGRICULTURAL STATISTICS 1980-1989; Department of Agriculture, Ministry of Natural Resources & Home Affairs, Funafuti, Tuvalu; 1990;
  4. ANNUAL REPORT (HEALTH STATISTICS) 1989; Health Division,

Additional statutory  
instruments relevant  
to Env. Land Use  
Plan Management

UNCED P62:

Native Lands Act ?

Neglected lands Act ?

Closed Districts Act ?

Prohibited Areas Act ?

Marine Zones (Declaration)  
Act ?

Government of Tuvalu Housing Task Force Working Papers June 1992

Page 3

Foreshore & Land Reclamation Act.

Public Health Act Water Supply Act

Minerals Dev Licensing Act ?

& the SPREP CONVENTION

Ministry of Health, Education & Community Affairs, Funafuti, Tuvalu; 1990;

5. STRATEGIC PLAN FOR THE PUBLIC WORKS DEPT, 1986-87;  
by Ian Hatfull, Director; Ministry of Works & Communications; August  
1986, 23pp;
6. PROJECT REQUESTS to the Round Table Meeting on Development  
Assistance Requirements; December 1991; 114pp;
7. PROJECT REQUESTS to the Aid Co-ordination Meeting with the Donor  
Community; 1989; 140pp;
8. TUVALU DEVELOPMENT BUDGET 1991; Ministry of Foreign Affairs &  
Economic Planning; 40pp;
9. TUVALU DEVELOPMENT FUND ESTIMATES 1990; Ministry of Foreign  
Affairs & Economic Planning; 35pp;
10. THE CIVIL LIST: The Civil Service of Tuvalu; latest edition, with entries to  
May 15, 1991; Office of the Prime Minister; 31pp; includes Civil Service  
Salary Scale as at 1.1.91; a copy of the current Salary Scale is now  
requested;
11. LAWS OF TUVALU (revised edition 1978):  
Chapter 20: Native Lands Commission Ord. 1952  
Chapter 22: Native Lands; 33pp;  
Chapter 24: Crown Acquisition of Lands; 7pp;  
Chapter 19: Local Government; 75pp;  
The Land Planning Ordinance 1972 (No 14 of 1972)
12. GENERAL ADMINISTRATIVE ORDERS:  
Chapter 15: Housing (for civil servants);
13. RENTAL RATES FOR GOVERNMENT CIVIL SERVICE HOUSES;  
undated, but current, May 1992; Office of the Prime Minister; 1p;
14. LEASE AGREEMENT pursuant to Regulation 3(A), Native Lands Leases  
Regulations 1957; Gilbert & Ellice Islands Colony;  
Example of one such lease from a particular Funafuti landowner to the  
Government of the Gilbert & Ellice Islands Colony, for 99 years from 1st  
January 1962, of a 24 acre land section within Vaiaku Village, Fongafale,  
Funafuti; 2pp with 1p attachment of survey map (1in=120ft) of all land  
sections within the Vaiaku Head Lease Area, survey dated 10.10.61; the  
annual rental (believed currently to be \$120 per gross acre per annum) being  
subject to review at intervals of 7 years and revisable only by mutual  
agreement, or by the "District Commissioner" (now presumably the Lands

SPREP  
Convention:

for the  
Protection  
of the Nat  
Resources  
& Env.  
of the  
South  
Pacific  
Region

new Water  
Supply  
legislation?

10

C  
see  
above

Gilberts

B

UNCED p 84  
borrow pits  
"30% of the  
area of  
Fongafale  
Islet"

on p 72 of UNCED,  
"52 hectares of  
wartime borrow pits  
& swampland on  
Fongafale Islet"

The National Report to UNCED states that (p 54) 59ha or 1/4 of the  
land area of "Funafuti" has been "alienated or leased"  
by Government. or "Fongafale"?

Court Appeals Panel) on appeal; (Note: the originals of all Leases and Sub-Leases are on files kept by the Lands Officer, Dept of Natural Resources, Ministry of Natural Resources & Home Affairs);

15. MEMORANDUM OF SUB-LEASE No 1 of 1990 of land for the construction of a dwelling house, being Lot FF 207 within the **Vaiaku Head Lease Area**, Fongafale, Funafuti; Sub-Lease granted by the Head Leaseholder (the Tuvalu Government) to the Sub-Lease tenant (a particular person who was a civil servant); for a period of 25 years from 1st January 1990; at an agreed rental calculated on the **net** lot area (0.04 acre or 1,742.4 square feet or about 162.8 square metres) at the rate of \$120 (which it is believed the Government now pays on the overall **gross** area) per acre per annum, thus yielding a total rent for this lot, of \$4.80c per annum; subject to the rental rate being reviewed during every fourth year at the discretion of the Head Leaseholder; (note: this particular Sub-Lease appears to be, but may not be, a substitute for a Sub-Lease originally granted for 99 years to a then civil servant who acquired ownership of the house on the land pursuant to the Civil Servants Home Ownership Scheme of 1975-78);

16. MEMORANDUM OF SUB-LEASE No 8 of 1989 of land for the construction of a dwelling house, being Lot FF 86 (surveyed 1975) within the **"Acquired Land" Head Lease Area of Fakaifou**, Fongafale, Funafuti; this Sub-Lease being for a period of 25 years from 1st January 1989; the 1989 agreed rent rate being \$80 (believed since to have been revised to \$120) per acre per annum, again calculated on the **net** Lot Area of 435 square metres or "0.11 acre", thus presumably yielding a current (1992) total annual rent of \$13.20; (note: this Sub-Lease also appears to be a substitute for a Sub-Lease originally granted to a then civil servant who acquired ownership of the house on the land pursuant to the Civil Servant's Home Ownership Scheme of 1975-78);

$$1m^2 = 10.764ft^2$$

$$0.11ac = 445.15m^2$$

17. MEMORANDUM OF SUB-LEASE No 14 of 1985 for Lot FF 70 (surveyed in 1975) within the **"Acquired Land" Head Lease Area of Fakaifou**, Fongafale, Funafuti; for 25 years from 1st May 1985, at a then agreed rental of \$80 (believed now to be \$120) per acre per annum, calculated on the **net** Lot Area of 464 square metres or "0.11 acre", thus yielding a current (1992) total annual rental of \$13.20; (note: this Sub-Lease is known to be to a senior civil servant who joined the then Colonial civil service in the 1960s, who is now shortly to retire, and who acquired ownership of the house on the land pursuant to the Civil Servant's Home Ownership Scheme of 1975-78; this 1985 Sub-Lease is apparently a substitute for what is believed to have been, originally, a 99 year Sub-Lease from 1975 or 1976);

$$464m^2$$

$$= 0.11466ac$$

$$Rent \$13.76pa$$

18. LEASE AGREEMENT subject to Part VI of the Native Lands Ordinance

1956, from a landowner of land on the Island of Nui, by the tenant ("the leasee"), the Tuvalu Government, of land of approx area 0.07 acre, for a period of 25 years from 1st July 1979, at a then agreed rental rate of \$30 (1992 rate not yet checked) per acre per annum, revisable every 5 years by mutual agreement, or by appeal to the Lands Court Appeals Panel;

19. Publications by the Integrated Island Development Office, Dept of Home Affairs, Ministry of Natural Resources & Home Affairs:

NUKULAEAE: SOCIO-ECONOMIC PROFILE; January 1991 (uncorrected first edition); 45pp;

NUKULAEAE ISLAND DEVELOPMENT PLAN 1992-94; January 1991 (uncorrected first edition); 45pp;

NUKUFETAU: SOCIO-ECONOMIC PROFILE; January 1991 (uncorrected first edition); 50pp;

20. AID PROJECT REQUEST FOR "TUVALU LAND & SURVEY RECORD COMPUTER SYSTEM" to begin with a preliminary study of the structure of the land tenure system; the setting up of a Central Land Registry; and recommendations for the modernisation of the work of the Lands & Surveys Division of the Dept of Natural Resources of the Ministry of Natural Resources and Home Affairs; undated but current; 4pp;

21. STATISTICAL SUMMARY OF RESIDENTIAL & OTHER SUB-LEASES given by the Government in Vaiaku and Fakaifou, both being Head Lease Area precincts of Fongafale, Funafuti, with separate totals in each Head Lease Area for lots with houses sold under the Civil Servant's Home Ownership Scheme, and other Sub-Leases; (note: handwritten by the Lands Officer after a quick count of Sub-Leases on file in the Lands & Survey Division), May 1992; **Note: a copy of this analysis, certified correct by the Lands Officer as at June 1992, is requested;**

22. CIVIL SERVANTS HOME OWNERSHIP SCHEME - STATISTICAL SUMMARY of numbers currently involved, dissected by:

- (a) Self Builders, Govt Leased Land;
- (b) Woolard Design (no walls) Houses on Govt Leased Land; &
- (c) Self Builder, Private Land;

Source: Personnel Division, Office of the Prime Minister, June 1990; **Note: the statistics in 21 and 22 do not appear to correlate, and need checking**



**and reconciliation; a new Statistical Summary as at June 1992, certified by the Office of the Prime Minister to be correct, is requested;**

23. **GOVERNMENT-OWNED DWELLINGS: STATISTICAL SUMMARY of Numbers, by Grades, by locations, and by dates of construction;**

**Source: Personnel Division, Office of the Prime Minister, 1990; Note: this requires checking and updating as at June 1992, and certification as correct, by the Office of the Prime Minister;**

24. **RESOLUTION OF THE PARLIAMENT OF TUVALU: said to have been adopted mid 1990, by a Vote in Parliament to declare "null and void" the Government's Compulsory Lease Acquisition Orders dated 1.10.1975, for 99 year leases of "Acquired Lands" at and around Funafuti Aerodrome, and at Fakaifou, Fongafale, Funafuti; Note: the full wording of any such Parliamentary Resolution, and Hansard record of debate, have not yet been sighted but are now requested;**
25. **The current 3 year ECONOMIC MANAGEMENT GUIDELINES: these need to be reviewed for relevance to any future housing proposals; Note: a copy is requested;**
26. **NATIONAL DEVELOPMENT PLAN IV 1988-1991; Funafuti, 1988 (UNDP Co-ordinated); 261pp;**
27. **THIRD DEVELOPMENT PLAN 1984-1987; Funafuti, 1984; 257pp;**
28. **SECOND DEVELOPMENT PLAN 1980-1983; Funafuti, 1980; 185pp;**
29. **DEVELOPMENT PLAN, 1978-1980; Funafuti, 1978, 156pp;**

**Government of Tuvalu: maps, survey compilations, town planning, land subdivision & development plan proposals, house designs & other drawings & photographs**

36. **Six (6) Govt of Tuvalu Map Sheets covering all 8 originally inhabited atolls (excluding Niulakita), compiled and published by the Directorate of Overseas Surveys, UK Government:**
- 36.1 **Funafuti Sheet: the atoll overall at scale 1:50,000; with the Fongafale urban area and airport at scale 1:5,000 updated to August 1978; 1980 edition;**

Note: copies of the original prints are out of stock in Tuvalu, but a photocopy has been obtained. On this copy, the approximate boundaries of the precincts (also Census Statistical Subdivisions or Villages) of Vaiaku, Alapi, Senala and Fakaifou, have been sketched by the Town Clerk of the Funafuti Town Council in the apparent absence of any Map delineating these boundaries being held by either the Census Commissioner or the Lands Officer; an accurate copy of a map showing the 4 Precinct, Village and Census Area boundaries, is now requested;

The other 5 sheets are listed in order from North to South:

- 36.2 Nanumea and Nuitao; 1:12,500; 1979 edition;
  - 36.3 Nanumaga and Nui; 1:12,500; 1979 edition;
  - 36.4 Vaitupu; 1:10,000; 1974 edition;
  - 36.5 Nukufetau; 1:25,000; 1979 edition;
  - 36.6 Nukulaelae; 1:12,500; 1978 edition;
37. THE TUVALU CADASTRAL SURVEY MAPS, showing only the pattern (& lot numbering) of land ownership boundaries (excluding boundaries across borrow pits, some of which have already been filled and built on), as ascertained by the United-Nations-sponsored Cadastral Survey Project, completed during the 1980s, specifically:
- 37.1 THE INDEX SHEET OF CADASTRAL MAPS OF FUNAFUTI ATOLL; scale 1:50,000; showing the coverage of 38 individual larger-scale sheets, EXCLUDING the urbanising area of Fongafale, comprising the Government Lease Area of Vaiaku and the Government Compulsorily Acquired Lease Areas of Fakaifou and the Airfield, and the still privately owned and used urban precincts of Alapi and Senala;
  - 37.2 FUNAFUTI SHEETS 4 TO 15 INCLUSIVE; scale 1:2000; covering the now urbanising narrow spits of the Fongafale islet, north and south of the central part of the urbanising area which was excluded from the UN sponsored Cadastral Survey;
  - 37.3 FUNAFUTI SHEET 37; scale 1:1000; covering Fualopa Islet on the lagoon west of Fongafale;

*Get copy of Cadastral Maps of Amatuku Islet (Maritime School) + of the 3rd inhabited islet (to the south) of Funafuti Atoll.*

37.4 VAITUPU SHEET 4; scale 1:2000; covering part of Vaitupu Atoll;

38. "FUNAFUTI ISLAND DRAFT PHYSICAL DEVELOPMENT PLAN, MAP 2, SCALE 1:5000, DATED 4.5.1973, BY D.R. BALL BA, MRTPI, CHARTERED TOWN PLANNER"; overall sheet size 850mm x 710mm; showing the then proposed overall Fongafale Town Plan, with then proposed Land Use Zones, principal Public Buildings, Road and Path reservations, and the Airport;
39. As for 38 above, "MAP 3, SHEET 1, SCALE 1:1250 DATED 4.5.1973"; overall sheet size 1000mm x 710mm; showing a detailed plan of proposed Subdivision, Roads, Bicycleways and Pathways, Buildings and Landscaping, covering the precincts of Vaiaku and Alapi, in the southern half of Fongafale, and joining with No 40 below;
40. As for Nos 38 and 39 above, "MAP 3, SHEET 2, SCALE 1: 1250 DATED 4.5.1973"; overall sheet size 1000mm x 710mm; showing a detailed plan of proposals as for No 39 above, covering the precincts of Fakaifou and Senala, in the northern half of Fongafale, joining with No 39 above;
41. Survey "COMPILATION PLAN OF LAND OWNERSHIP AT OCEAN SIDE OF FUNAFUTI AERODROME, TUVALU, SCALE 1:2500, SURVEYED IN MAY 1976 BY TUVALU LANDS AND SURVEYS"; overall sheet size 880mm x 810mm; showing traditional/continuing land ownership boundaries and a "list of landowners";
42. Survey "COMPILATION PLAN OF LAND OWNERSHIPS AT OCEAN SIDE OF FUNAFUTI AERODROME, TUVALU, SCALE 1:2500, SR NO 3/76, PLAN NO M4" with "list of landowners"; undated but possibly 1975 or 1976; overall sheet size 815mm x 710mm; this differs from No 41 above in that it also shows original land ownership parcel boundaries within the Vaiaku precinct which was formally leased by the Crown for 99 years from or about 1st January 1962; and it also shows a "list of landowners";
43. Survey "COMPILATION PLAN OF LAND OWNERSHIP AT LOTS FF \_\_ TO FF \_\_, (FAKAIFOU), FUNAFUTI ATOLL, TUVALU, SCALE 1:1000, SURVEYED IN JANUARY 1976 BY TUVALU LANDS AND SURVEY DEPARTMENT" MARKED "B30"; overall sheet size 880mm x 750mm; showing original/continuing land ownership boundaries and also what may be the original buildings and original and proposed curtilages of original landowners who may have been permitted to continue in occupancy after the bulk of the Fakaifou precinct was, as it is said to have been, compulsorily

- "acquired" or "leased" by the Crown by Order of the then Government from a date which may have been 1st October 1975; Note: a copy of the original Order is now requested;**
44. Survey "COMPILATION PLAN, LOTS FF11 TO FF165 INC, SCALE 1:1000"; undated but possibly drawn 1975 or 1976; showing "Coordinates List" and "List of Tenants" and subdivision and house plan outlines in the **Fakaifou** precinct of Fongafale, since used for civil service housing; overall sheet size 940mm x 710mm;
45. Composite from 3 originally separate drawings "PLAN INDEX B1/A, B1/B AND B1/C SCALE 1,500(?)"; overall sheet size 1800mm x 710mm; undated; showing a residential subdivision for civil service housing of the **Fakaifou** precinct, within the area which is said to have been "compulsorily acquired" or "leased" by the Crown, possibly by order of the then Government, possibly dated 1st October 1975. **Note:** This transparency reproduces 3 dyelineprints roughly stuck together so as to obscure details within the overlap strips; the original transparencies of these 3 drawings are said to have been given on loan by the Lands Officer to Mr Timoci Vesikula, an ESCAP EPOC Land Valuation Consultant, in May 1990, and not yet returned. On 29.5.92, this matter was referred by the Australian Embassy in Fiji to the Tuvalu Embassy; it is understood that the Tuvalu Ambassador to Fiji is now attempting to obtain the return of the original drawings;
46. "PLAN FOR INDUSTRIAL SITE, FONGAFALE, SCALE 1:500, AUGUST 1986, BY LANDS AND SURVEY DIVISION"; marked "B33"; overall sheet size 650mm x 710mm; showing a partly implemented, partly not yet implemented, sketch plan of one possible subdivision of the only remaining undeveloped land in the **Fakaifou** precinct, west and north of the old Hanger; there appears to be a possibility of creating about 20 new residential lots, if deemed desirable, on this parcel, if and when the pit or wet area thereon is fully filled or otherwise made good;
47. **VERTICAL AERIAL PHOTOGRAPHS:** The Lands and Survey Division, Department of Natural Resources, Ministry of Natural Resources and Home Affairs, has a number of open boxes containing a collection of vertical aerial photographs of different dates. These include some photographs taken before Hurricane Bebe hit Fongafale on 21.10.72. Six of these have been found which are of particular interest in studying the evolution of coastal change, urbanisation and housing in Fongafale:

No 167, taken 8.7.71, from 5,000 ft, Film 1-8351; this shows the whole of the (now urban) area North of the Government Centre and the Hotel, including Alapi; Senala; Fakaifou, and part of the spit to the north;

Nos 134, 135, 136, 138, 139, taken 11.7.71, from 5,000 ft, Film 2-8429/30/31 and 8433/34. No 137 covers the whole of the urban centre and airfield, all on one print, but could not be found in May. A print of No 137 was used as the frontispiece of the January 1974 publication of David Ball's Funafuti Physical Development Plan 1973. If a print of the photo can now be found or obtained, stereoscopic views can be studied by combining 136 and 137, or 137 and 138; Note: The Lands Officer is requested to search for a copy of No 137;

49. SITE LAYOUT AND HOUSE PLAN (90 m<sup>2</sup> gross); Civil Servant Housing Scheme; Grade C26; 1986 Design, Tuvalu-NZ; Drawn TST; Drawing Sheet 1 of 8; the site abuts the south side of the existing stone wall (the northern boundary of the Fakaifou Compulsorily Acquired Lease Area) and is on the ~~eastern~~ <sup>western</sup> side of one of the 1988 AIDAB J.S. Hill houses, the one now rented by Mr Nakala of the Office of the Prime Minister; Note: comments on the advantages and disadvantages of this house are now requested;

50. PROTOTYPE LOW COST HOUSING STRUCTURE (60.3 m<sup>2</sup> gross) OF HURRICANE-RESISTANT CONSTRUCTION, to replace housing destroyed by Hurricane Ofa; Public Works Division, Tuvalu; dated 15.8.90 revised 17.12.90; it is believed that a number of these structures (without walls) is now being built on Vaitupu, by the Public Works Division; this design needs to be evaluated by the Housing Task Force; members should seek to inspect the prototypes at Vaitupu; cost and other data from the Public Works Division is needed and now requested;

Plans and designs of other houses built and/or proposed (eg. The AIDAB J.S. Hill houses, and others) are needed and requested for review and evaluation by the Housing Task Force. The attention of AIDAB, and of the Tuvalu Public Works staff, is drawn to this request;

(53.1 m<sup>2</sup> gross)

51. Govt of Tuvalu PUBLIC SERVANTS HOUSE; Design by <sup>revised Nov. 1984</sup> D. Collins May 1984; Scale 1:20; set of 8 sheets of detailed construction drawings, revised November 1984; overall gross area of reinforced concrete floor slab: 7200mm x 7375mm or 5 sq metres or square feet; at least 1 prototype of this was built in Fongafale, but has been said to be "too small"; <sup>one</sup> this is probably the design is believed also to have been built in 1985 on Nakulae <sup>ATOLL</sup>, but proved unpopular & is now used as a guest house for visiting Civil Servants. The Island Council hopes to ~~renovate, alter, extend & renovate it~~; ~~Queens also has been built on Niutao Island~~
52. <sup>53.1 sqm</sup> <sup>571.6 sq ft</sup>
53. AIDAB Classrooms 12/89 3 on Fakaifou? then cost 34900 Suva RVD 33570 45000 with sink & toilets
54. J.S. Hill 1988 8 built 2 groups of 3 in Fakaifou, 1 on Nanumea <sup>ATOLL</sup>, 1 on Niutao Island 2 more pairs for by NZ built for Ag staff 1 on Nukunono <sup>ATOLL</sup> & 1 on Nakufetan <sup>ATOLL</sup>
55. 34860 Suva \$50,000 each May '88.

**Government of Tuvalu: Reports, Recommendations and Proposals by Expert Consultants under Review (listed in chronological order)**

56. ✓ FUNAFUTI (Ellice Islands) PHYSICAL DEVELOPMENT PLAN 1973: Final Report to His Excellency the Governor; by David Ball BA (Dunelm), MRTPI, Chartered Town Planner; Department of the Environment, Building Research Establishment, Building Research Station, Garston, Watford, WD2 7JR, UK; 1984; vii plus 50pp inc plans and photographs;

"advisory"

This excellently researched and documented set of proposals for a Town Plan and for the ongoing guidance and control of future physical development was compiled after Hurricane Bebe, to provide for all the future urban needs of a capital for the then foreshadowed separate, independent Nation of Tuvalu.

Three possible alternative locations for the capital were first evaluated and compared:

1. Vaitupu <sup>Coral Island</sup> Atoll;
2. Motulato Islet on Nukufetau Atoll; and
3. Fongafale Islet on Funafuti Atoll.

After careful study, Fongafale <sup>Islet</sup> was selected as "the best site for the headquarters of the Group, and for the capital of Ellice if separation materialises" (see Ball 1973: Appendix 2 on page 46).

The Detail Plan for Fongafale was then compiled with the active participation of 8 leading citizens who comprised the Funafuti Advisory Planning Committee. At a meeting of two Executive Council Members and 16 Senior Government Officials on 28 March 1973, the Plan was agreed upon and endorsed. The Plan has not since been strictly followed, and has not yet been comprehensively reviewed since its compilation 20 years ago;

- (57.) FUNAFUTI AIRPORT, TUVALU: FEASIBILITY STUDY OF AIRSTRIP DEVELOPMENT; Sir William Halcrow & Partners and others (sponsored by the Commonwealth Fund for Technical Co-operation); June 1976; 99pp plus 8 figures;

- (58.) COMMUNITY BASED INTEGRATED ISLAND DEVELOPMENT PROGRAM PROPOSAL; Save the Children Federation Inc, USA; May 1980; 179pp, inc Baseline Study Report, Maps and Population Pyramids;

- (59.) BRIEF NOTES ON REVIEW OF PHYSICAL DEVELOPMENT (ZONING, BUILDING & SERVICES) OF FONGAFALE, FUNAFUTI; John Stewart,

Nevertheless, ~~the~~ it remained only "advisory".  
No ~~statute~~ Town Plan LUP has ever been debated made + statutory pursuant to the land Planning Ordinance 1972 (No 16 of 1972) as rec by David Ball in 1973

Divisional Planner, Ministry of Works, New Zealand, sponsored by UNDAT (United Nations Development Advisory Team for the Pacific, Suva); August 1981; 23pp; this was not a comprehensive review;

→ (60.) PREVENTION OF COASTAL EROSION; Fawcett & Partners, Consulting Engineers, sponsored by the UK Overseas Development Administration; January 1982; 79pp plus 19 photographs, 32 engineering drawings and 6 appendices; **Note: information is now requested on the progress of the recommended works along the lagoon side of Fongafale;**

→ (61.) PROBLEMS RE GOVERNMENT LEASES & RENTS IN TUVALU; T.L. Davey FRICS, Chartered Surveyor & Land Valuer, sponsored by UNDAT, Suva; September 1982; 19pp; **Note: information is now requested on progress in implementing the recommended legal clarification of the basis on which rent is to be evaluated;**

→ (62.) LAND TITLE REGISTRATION: FINAL CONSULTANCY REPORT OF THE CADASTRAL SURVEY PROJECT; Lars Carlstedt, sponsored by UNCHS-HABITAT & UNDP; September 1984; 28pp plus appendices; **Note: information is requested on Government attitudes or policy on the desirability/problems of Land Title Registration;**

copy requested (63.) FUNAFUTI LAGOON BED RESOURCES STUDY; Gibb Australia, Consulting Engineers, sponsored by the Australian Government's Pacific Regional Team, ADAB; May 1985; pp; + SOPAC 11 Japs

64. CIVIL SERVICE HOUSES FOR THE OUTER ISLANDS, TUVALU; Tony Sansom, Architect, Architects Pacific, Fiji, sponsored by the Australian Government's Pacific Regional Team, ADAB; September 1985; 22pp inc plans, sections, isometrics and specifications of house designs; See also sketches by Tony Samson on AIDAB Mosman files;

65. OUTER ISLAND DEVELOPMENT POLICY (PACIFIC REGION); J.R.K. Standingford, sponsored by the Australian Government's Pacific Regional Team, ADAB; September 1985; 114pp;

(66.) PHYSICAL PLAN FOR VAITUPU (ATOLL); John Stewart, Physical Planning Advisor UN ESCAP EPOC; Interim Summary Report, March 1986, 12pp; ? or Island?

(67.) FIRE SAFETY SURVEY, FONGAFALE; A. Vanatabutala, Board of Fire Commissioners, Suva, sponsored by UN ESCAP EPOC, Port Vila; October 1986; 15pp;

68. REVIEW OF 1983-88 RAT CONTROL PROGRAMMES, TUVALU; J. Morgan Williams, NZ Ministry of Agriculture & Fisheries, sponsored by the New Zealand Ministry of Foreign Affairs; November 1986; 15pp;
69. COMMERCIAL AREA DEVELOPMENT, FONGAFALE, FUNAFUTI; A.K. Perry, sponsored by UN ESCAP EPOC, Port Vila; December 1986, 10pp;

McLean

70. LAND RESOURCES STUDY, TUVALU; A series by the Department of Geography, University of Auckland, sponsored by UN FAO and UNDP:

Island Report No 4: NU1; 1986; 82pp plus 44 Appendices inc maps;

71. FUNAFUTI AIRPORT STUDY FINAL REPORT; Colin Mellor and ACCA Pty Ltd, sponsored by the Australian Government's Pacific Regional Team, ADAB; March 1987, 84pp;
72. EVALUATION OF FUNAFUTI LAGOON BED DREDGING, AND FILLING OF FONGAFALE BORROW PITS; Demas, Dredging Engineering & Management Contractor, sponsored by UN FAO and UNDP; March 1987; 15pp plus maps, plans, particle size analyses and photographs;
73. ROAD IMPROVEMENTS & MAINTENANCE, FONGAFALE, FUNAFUTI; T.J. Bell, Consulting Engineer, sponsored by UN ESCAP EPOC, Port Vila; June 1987; 35pp plus 6 maps and plans and 8 appendices, including 36 photographs and 6 figures; **Note: information is now requested on any action taken to implement the recommendations of this Report; and on the work of the US Military Trainees who bitumenised Fongafale roads during 1991;**
74. IMPLEMENTATION OF WATER STORAGE PROJECTS; Norwegian Regional Program; July 1987; 12pp;
75. THE 1979-1990 IMPLEMENTATION OF THE COMMUNITY BASED ISLAND DEVELOPMENT PROGRAM; Save the Children (USA); September 1990; 15pp;
76. TUVALU HOUSING PROJECT APPRAISAL; Roger Dickson & Christopher Cholerton, sponsored by the Australian Government's Pacific Regional Team; AIDAB; June 1990; 15pp; this included Draft Terms of Reference for a Housing & Environmental Policy Study, later adopted by Cabinet in June 1991;

78.

79.

80.

80.

**Cultural, Historical, Environmental, Architectural & Building Research Documents Under Review**

81. David, Mrs E.: FUNAFUTI, OR THREE MONTHS ON A CORAL ISLAND; 1899, John Murray, London; xiii, 318pp, 15 leaves of plates; illustrated; map; portraits, 22cm; includes index; copies are held in the rare book collections of the Australian National Library, Canberra, and in University Libraries in Melbourne and Adelaide; this book contains a wealth of detail on the Funafuti Village environment, housing, building, crafts and technologies, and the people of Funafuti in 1897; AIDAB is seeking photocopies of relevant sections;
82. TUVALU - A HISTORY; Hugh Laracy & others (Eds); Government of Tuvalu Ministry of Social Services, & the Institute of Pacific Studies, University of South Pacific, Fiji; 1983; 208pp;
83. Macdonald, Barrie: CINDERELLAS OF THE EMPIRE: TOWARDS A HISTORY OF KIRIBATI & TUVALU; ANU Press, Canberra; 1982; 335pp;
84. THE CLIMATE & WEATHER OF TUVALU; The NZ Meteorological Service (C.S. Thompson), Wellington; 1987; 40pp;
85. THE BIOLOGY & GEOLOGY OF TUVALU - AN ANNOTATED BIBLIOGRAPHY; Rodgers, K.A., & Cantrell, Carol; Technical Reports of the Australian Museum, 1988, No 1; IBSN 1031-8062; 103pp;
86. INTERNAL MIGRATION IN THE GILBERT & ELLICE ISLANDS COLONY: AN ANALYSIS OF THE 1973 CENSUS DATA; J. Wilson, M.Sc Geography Thesis, University of Canterbury, NZ; 1979; *check*
87. MIGRATION, EMPLOYMENT & DEVELOPMENT IN THE SOUTH PACIFIC: COUNTRY REPORT NO 19: TUVALU; South Pacific Commission, Noumea; 1983; 40pp;
88. LAND TENURE & DEVELOPMENT DOLLARS: CHANGES IN LAND TENURE IN TUVALU; Paper for the Conference on Land Tenure &

Development in the Pacific Islands, Centre for Pacific Studies, University of Canterbury, NZ, November 1990; 20pp;

*Check Chapter on LEASES by Baituka, T.*

89. TUVALU - PROVIDING FOR THE MULTITUDE; Tupia Leupena & Lauapi Lutelu; Chapter 4, pp141-165, in: LAND TENURE IN THE ATOLLS: COOK ISLAND, KIRIBATI, MARSHALL ISLANDS, TOKELAU, TUVALU; R.G. Crocombe, Editor; Institute of Pacific Studies, University of the South Pacific, Fiji; 1987; 246pp;

90. THE PACIFIC BUILDING STANDARDS PROJECT, sponsored by the Australian International Development Assistance Bureau; Kris Ayyar, Project Manager, Suva; Chairmen of the Building Advisory Committee: Tauaasa Taafaki, previously Tuvalu Secretary for Local Government, and Senu Toafaki, previously Tuvalu Secretary, Ministry of Natural Resources & Home Affairs; publications include:

NATIONAL BUILDING CODE FOR TUVALU, September, 1990; approx 200pp;

HOME BUILDING MANUAL, TUVALU; September 1990; approx 200pp;

*read this* >

A PARTIAL COMMENTARY ON THE NATIONAL BUILDING CODE FOR TUVALU, December, 1990; 35pp;

*Info on legal/policy adoption by Tuvalu Govt is requested*

91. NATIONAL BANK OF TUVALU: LENDING CONDITIONS; HOUSING LOANS & PERSONAL LOANS; 1992; 3pp;
92. DISASTER-RESISTANT CONSTRUCTION FOR TRADITIONAL BUSH HOUSES - A HANDBOOK OF GUIDELINES; Australian Overseas Disaster Response Organisation, Suite 201, 381-3 Pitt Street, Sydney 2000; November 1988; ISBN 0 9589249 8 8; 70pp;
93. TUVALU; pp421-432 in: SOUTH PACIFIC HANDBOOK; 4th Edition, 1989; David Stanley, Moon Publications, 722 Wall Street, Chicago CA 95928, USA; ISBN 0 918373 29 8;
94. TUVALU VISITOR GUIDES:
- Visitor Guide Map & Advertisements for local services & shops; Graphics By J. Jeleti; 1991; 1P;

Tofala Tuvalu, Official Guide; August 1987; 1p;

Australian Bureau of Meteorology

"The Changing Climate in Paradise"  
Feasibility Study on Climate Monitoring  
& Impacts in the South West Pacific

Dec 91 xiii + 145 pp.

AIDAB library Q551.6 C4A 1.

- make photocopies*
95. LOW COST FARMING IN THE HUMID TROPICS; AN ILLUSTRATED HANDBOOK; Paul Sommers, UNICEF Agriculture, Food & Nutrition Consultant, Island Publishing House, Santa Mesa, POB 406, Manila, The Philippines; 1982; ISBN 971 1007 02 9; 38pp; this contains valuable proposals for both housing & house fruit and vegetable gardens, to provide a cool house, privacy and nutritious and economical food;
96. TROPICAL TREES OF THE PACIFIC; Dorothy & Bob Hargreaves, POB 11897; Lahaina, Hawaii 96761; 1970; 60pp; inc 130 colour photographs;
97. TROPICAL BLOSSOMS OF THE PACIFIC; Dorothy & Bob Hargreaves, as for No 96, above; 1970; 64pp inc 100 colour photographs;
- get copy* 98. SOME NOTES ON INDIGENOUS HOUSES OF THE PACIFIC; in: UNIVERSITY OF MELBOURNE TROPICAL BUILDING STUDIES II, No 1, 1963; refers to houses in the Gilbert and Ellice Islands; *ask AIDAB library to obtain photocopy*
99. HOUSE FORM & CULTURE; Amos Rapoport; Foundations of Cultural Geography Series, Richard Dahlberg, Editor; Prentice Hall Inc, New Jersey; 1969; 146pp;
100. PHYSIOLOGICAL OBJECTIVES IN HOT WEATHER HOUSING; HHFA, Washington D.C.; 1953;
- get copy* 101. SAMOAN HOUSE BUILDING, COOKING & TATTOOING; Handy E.S.C. & W.C.; Honolulu, Bishop Museum; 1924;
102. BAMBOO; Austin/Ueda/Levy; Weatherill, New York & Tokyo; undated; 213pp; illustrated technology;
103. WHAT IS JAPANESE ARCHITECTURE? A SURVEY OF TRADITIONAL JAPANESE ARCHITECTURE; Kazuo Nishi & Kazuo Hozumi; Kodansha International Ptd, Tokyo & New York (distributed by Harper & Row); 1983; 144pp;
104. THE JAPANESE HOUSE; Heinrich Engel; Tuttle Co, Tokyo; 1964;
105. THE RURAL HOUSES OF JAPAN; Tokyo, Bijuko-Shuppan; 1964;
106. ARTS OF THE SOUTH PACIFIC; Jean Guiart; Golden Press, New York; 1963;
107. BALI: SEKALA & NISKALA; Vol I: Society, Tradition, Craft; Periplus Editions, Berkeley & Singapore; 1990; 383pp; see Part IV, Craft: Chapter 14,

1987

110. Zimmet P.Z., A. Seluka, J. Collins, P. Currie, J. Wicking & W. Deboer. 1981.  
THE PREVALENCE OF DIABETES  
MELLITUS IN URBANISED, ISOLATED  
POPULATIONS, THE FUNAFUTI  
SURVEY. in DIABETES 30: <sup>pp</sup> 40-44

Zimmet et al 1981

Sieken, M; 1989

111. A Household energy consumption on Funafuti:  
an analysis of 1987 survey data:

Report: Tuvalu 88-2; Pacific Energy Development Programme  
(PEDP) Suva: Report: TUVUW 88-2.

1987, Thaman R.R.

- 112 Urban Agroforestry: The Pacific Islands  
& Beyond, in UNASYLVIA 39(155)

pp 2-13

1987

113. Thaman, R.R., 1989

Agro deforestation & the neglect of trees:  
Threat to the well being of Pacific Societies  
SPREP Working Paper No 5 South Pacific  
Regional Environment Programme  
South Pac Commission, Noumea

Architecture;

108. BALI: Miguel Covarrubias; first published 1937; currently available in Oxford in Asia Paperback; 417pp; see Part I, Chapter V, Everyday Life in Bali: The House, Cooking, Costume & Adornment;
109. TRADITIONAL CEYLONESE ARCHITECTURE; G. Bawa & V. Plesner; in: ARCHITECTURAL REVIEW, February 1986; pp143-144;

**WORKING PAPER NO II:**

**PEOPLE CONSULTED BY MR GEORGE CLARKE, MAY 1992**

Mr Amasone Kilei, The Acting Secretary to the Government  
Mr Luke Paeniu, Office of the Prime Minister  
Mr Feleti Teo, The Acting Attorney General  
Mr Bruce R. Maggs, General Manager, The National Bank of Tuvalu

**MINISTRY OF NATURAL RESOURCES & HOME AFFAIRS;**

Mr Simeti Lopati, Acting Secretary for Home Affairs  
Mr Vavao Saumania, Town Clerk, Funafuti Town Council  
Ms Lina Petaia, Acting Secretary for Nali Natural Resources X  
Mr Seluka Seluka, Director of Agriculture  
Mr Siniala Augea, Director of Lands

**MINISTRY OF LABOUR, WORKS & COMMUNICATIONS:**

Mr Leuelu Leuelu, Acting Secretary  
Mr Vete Sakaio, Director of Works  
Mr Trevor Hensen, Structural Engineer  
Mr Colin Reynolds, Water & Sewerage Engineer

**MINISTRY OF FOREIGN AFFAIRS & ECONOMIC PLANNING:**

Ms Hellani Kaitu, Census Commissioner  
Mr Tulaga Telupe, Assistant Census Commissioner  
Mr Aunese Simati, Rural & Physical Planner  
Mr James Conway, Energy Planner  
Mr Stephen Boland, Economist

**MINISTRY OF HEALTH & HUMAN RESOURCES DEVELOPMENT:**

Mr David Cottingham, Secretary

**MINISTRY OF FINANCE, COMMERCE & PUBLIC CORPORATIONS:**

Mr Afele Pita, de facto Acting Secretary

Mr Kamuta Latasi OBE MP, currently Manager BP Oil Tuvalu; the son of Latasi Kamuta, who was President of Funafuti Island Council and a member of the Funafuti Advisory Planning Committee during the preparation of the 1973 Fongafale, Funafuti, Physical Development Plan; Mr Kamuta Latasi himself was, at that same time, the Secretary to the Member of the Executive Council for Communications, Works & Utilities, based in Tarawa, and participated in the Meeting of 28 March 1973, which agreed upon the Development Plan.

Ms Emily Lauti, Member of the Civil Service Commission & proprietor, Hideaway Guest House, Fongafale North Spit

Resident Civil Service Tenants of AIDAB 1988 J.S. Hill houses in Fakaifou, Fongafale, Funafuti:

Mr Nakala (Office of the Prime Minister)

Ms Laupulaka (wife of "Navaga" crew member)

Mr Afele Pita (Ministry of Finance, Commerce, etc)

Mr Loto Pasefika, Master Fisherman, RDA International Consultants, Teone, Fongafale, Funafuti; one of the Funafuti landowners of land leased to the Government

Mr Tony Samson, Architect for Special Projects, Govt of Fiji Ministry of Infrastructure & Public Utilities, Ganilau House, Scott Street, Suva; Tel 313 105 or 315 133; Fax (679) 301 198; Home: 2/14 Williamson Road, Suva, Tel 300 896

People Mr Clarke wishes to consult on his next visit starting July 25th:

Mr Lalanui, private enterprise importer/distributor of building materials, supported by BUDAG & The National Bank of Tuvalu.

The young Tuvalu man recently graduated in Architecture from the Institute of Technology, Lae.

Try to get:-

Pasefika, F., 1988: Tuvalu Land Affairs  
Tuvalu Extension Centre, University of the South Pacific,  
Funafuti.

Check:

Baitika, T., 1987 LEASES in Crocombe R.G. (ed)  
LAND TENURE IN THE ATOLLS.

### WORKING PAPER NO III: CIVIL SERVICE LOCATIONAL ANALYSIS

The latest entry in the latest edition of The Civil List is dated 15 May 1991. The List has been analysed by the Task Force's Advisor, as follows:

**Table 1: Established Civil Service Posts & Duty Stations**

Total Established Civil Service Posts	485	or	100%
of which:			
↓			
Total with Duty Stations on Funafuti Atoll	354	or	73%
of which:			
Duty Stations on Fongafale Islet		or	%
Duty Stations on Amatuku Islet		or	%

**Table 2: Filled & Vacant Civil Service Posts**

Total Posts filled by Established Civil Servants:	386	or	100%
Posts vacant or temporarily filled by "Classified Workers":	99		
Total Civil Service Posts filled by persons nominating Funafuti as their "Home Island" or "Domicile":	36	or	9%
← of which:			
those with a Duty Station on Funafuti:	34		
Total Posts filled by persons nominating places other than Funafuti as their "Home Island" or "Domicile":	350	or	91%
← of which:			
Tuvalu Citizens:	340		
Citizen <sup>e</sup> of other Nations:	10		

Note: "Domicile" or "Home Island" is the particular Atoll of Tuvalu, or elsewhere, nominated by a person as his or her "Home Island" or "Permanent Residence" from where such person derives, where their relatives live, and where the person normally has a share of hereditary/traditional land tenure/use rights.

"Classified Worker" is a Government employee who does NOT occupy an Established Civil Service Post, and is not mentioned or numbered in The Civil List. Information is now requested on the number and location of "Classified Workers" particularly those on Fongafale Islet, Funafuti; and also the numbers and locations of employees of Public Corporations.

Table 3: Duty Stations &amp; "Domiciles" of Civil Servants

(abbreviations: see next page)

Numbers of Established & of Filled Posts in each Ministry or Office;  
 by: Numbers of Duty Stations in each Location (atoll, ship or foreign);  
 by: "Domiciles" of the actual persons who filled posts as at 15.5.91.

Location of Duty Station	Established, & Filled, Posts Ministries & Offices							"Domicile" of Actual Persons
	HEC	NRH	LWC	OPM	MFC	OGG	TOTAL	
TOTAL: of which, FILLED:	178	110	89	66	41	1	485 386	--- 386
NMA: of which, FILLED:	11	4	2	Nil ---	Nil ---	Nil ---	17	--- 75
NGA: of which, FILLED:	10	3	2	Nil ---	Nil ---	Nil ---	15	--- 39
NTO: of which, FILLED:	9	2	2	Nil ---	Nil ---	Nil ---	13	--- 60
NUI: of which, FILLED:	6	2	1	Nil ---	Nil ---	Nil ---	9	--- 31
VTP: of which, FILLED:	36	6	1	Nil ---	1 ---	Nil ---	44	--- 62
NKF: of which, FILLED:	8	2	Nil ---	Nil ---	Nil ---	Nil ---	10	--- 48
FUN: of which, FILLED:	92	88	72	61	40	1	354	--- 36*
SHIP: of which, FILLED:	Nil ---	Nil ---	5	Nil ---	Nil ---	Nil ---	5	--- -
XTUV: of which, FILLED:	Nil ---	Nil ---	Nil ---	5	Nil ---	Nil ---	5	--- expats: 10
NKL: of which, FILLED:	4	2	2	Nil ---	Nil ---	Nil ---	5	--- 25
NKT: of which, FILLED:	2	1	2	Nil ---	Nil ---	Nil ---	5	--- Nil

\* 34 of these 36 have a Duty Station on their "Home Island" of Funafuti.

Abbreviations used in Table 3:

Locations, generally in order from North to South:

NMA	Nanu mea <u>Atoll</u> or "Island" - a true atoll (islets around a central lagoon)
NGA	Nanu maga Atoll or <u>"Island"</u> - a raised limestone reef island or "table reef"
NTO	Niu tao Atoll or <u>"Island"</u> - a raised limestone reef island
NUI	Nui <u>Atoll</u> or "Island" - a true atoll
VTP	Vai tupu Atoll or <u>"Island"</u> - a raised limestone reef island
NKF	Nuku fetau <u>Atoll</u> or "Island" - a true atoll
FUN	Funa futi <u>Atoll</u> or "Island" - a true atoll
XTUV	Outside Tuvalu; the Civil Servant Posts in the Tuvalu Embassy in Fiji; alternatively, the non-Tuvaluan Citizens in the Civil Service;
SHIP	The Government's Inter Island Vessel, the "Nivaga II"
NKL	Nuku laelae <u>Atoll</u> or "Island" - a true atoll
NKT	Niu lakita Atoll or <u>"Island"</u> , originally uninhabited, later acquired by the people of Niutao, because Niutao, in 1946, had the highest population density - a raised limestone reef island

(1991)

Ministries & Offices, in order of numbers of staff:

HEC	Ministry of Health, Education & Community Affairs (in 1991); now Ministry of Health & Human Resources
NRH	Ministry of Natural Resources & Home Affairs
LWC	Ministry of Labour & Communications (in 1991); now Ministry of Labour, Works & Communications (but the Electricity Service function has recently been removed from the Civil Service & made into a Public Corporation)
OPM	Office of the Prime Minister (administers housing for Civil Servants) included (in 1991) the <u>Ministry of Foreign Affairs &amp; Economic Planning</u> ?
MFC	Ministry of Finance & Commerce (in 1991); now Ministry of Finance, Commerce & Public Corporations CHECK
OGG	Office of the Governor General

o o o o o

prepared by George (Teoti) Clarke

9.92

6.

**Urban/Rural/Regional Development & Conservation Planner/Manager/Advisor  
Cultural Change Management, Institutional & Human Resources Development  
Advisor**

Born 17.2.32, Australian Citizen; also a British Citizen

Master of City and Regional Planning (Massachusetts Institute of Technology)  
Diploma in Town Planning (University College, University of London)  
Bachelor of Architecture (University of Sydney)  
NSW Government Certificated Local Government Planner

Awarded Royal Australian Planning Institute Luker Memorial Medal for a "notable contribution to the science and practice of town and regional planning in Australia"

Vice President, East Asian Regional Organisation for Planning & Housing 1980-70  
Founding Councillor, Australian Institute of Urban Studies  
Elevated to Fellow by UK Royal Town Planning Institute, Royal Australian Planning Institute, Royal Australian Institute of Architects; admitted as Associate, American Institute of Planners, American Society of Planning Officials, Regional Science Association;  
Honorary Editor, Australian Planning Institute Journal

**SUMMARY OF EXPERIENCE to June 1992**

38 years (1992-54) a member, 32 years as manager/director/leader, of multi-disciplinary development and conservation research, planning and design teams and consultant organisations. Experience in all parts of Australia and in Indonesia, Thailand, Brunei, Japan, Papua New Guinea, Fiji, Tuvalu, Mauritius, Zimbabwe, Kenya, Somalia, Iran, USA and UK. 1992 experience in Indonesia and Tuvalu, on projects funded by Governments and by an International Development Bank.

Experience in management and execution of program and project cycles for urban/rural/regional development and environmental conservation. Co-ordination of multi-sectoral, multi-level, multi-disciplinary, top down & bottom up:

Research & feasibility studies  
Strategy, policy & priority definition  
Budgeting & scheduling  
Planning & implementation

Monitoring & evaluation  
Institutional development  
Human resource development  
Cultural change management

Integrated development and conservation plans for villages, localities, districts, towns, cities and urbanising regions, involving inter-agency co-ordination and community participation.

Law, management and administration of development and conservation planning and control by local, district, provincial and higher authorities, including drafting of legislation, regulations and codes of standards; and manuals and guidelines on institutional process, procedure and practice.

Detailed planning and design of land, infrastructure, buildings and facilities for residential, retail, commercial, industrial, institutional, tourism and recreation projects, for government and private enterprise developers.

**Contact:** 15 Albion Ave, Paddington 2021, Australia; Tel: 61 2 360 4849 Fax: 61 2 332 4811  
or: Apt 1406, Hotel Danau Toba International, POB 490, Medan, Indonesia;  
Tel: 62 61 327000 Ext 7406 Fax: 62 61 530 553