

ANNUAL REPORT

1983



BOARD OF FIRE COMMISSIONERS OF NEW SOUTH WALES

SFF Keith O'Connor tests new hydraulic tool at Wollongong Fire Station in 1983. Eventually rescue equipment will be installed in every fire station in the State.



(Above). The emergency control room in Headquarters Fire Station underwent testing as a back-up to the main control room at Alexandria in 1983.



Firefighters battle a wood store blaze in Vore Street Silverwater, October 1983.



Mr Bill Weston who retired as President of the Board in April, 1983, with Chief Officer Rex Threlfo (right).



Regional Training Officer Frank Newlands shows SFF Alan Hitchell how to fit the Lismore Fire Station's new special all-in-one chemical suit in July 1983.

COVER PHOTO

The scene at the height of the fire in the Mercantile Free Stores, Glebe, August 1983. The fire began at 11.14pm on Saturday 20 August and the last firefighter did not leave the fire ground until 10.33 on Friday 26 August. Personnel from 15 fire stations utilised resources from almost every emergency-related organisation in Sydney, and pumped 10 million litres of water to control the blaze.

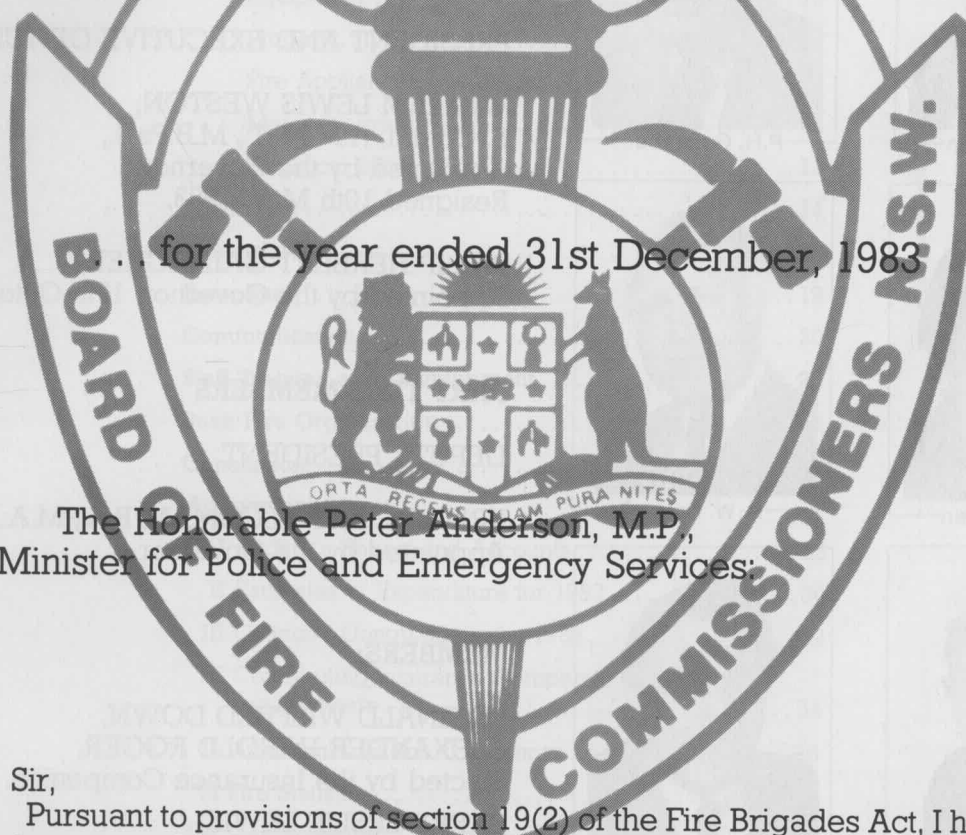


Firefighters used foam to prevent any outbreak of fire as this overturned petrol tanker was righted at Kiama in January, 1983.

SEVENTY-FOURTH ANNUAL REPORT



BOARD of FIRE COMMISSIONERS of NEW SOUTH WALES



... for the year ended 31st December, 1983

The Honorable Peter Anderson, M.P.,
Minister for Police and Emergency Services

Sir,

Pursuant to provisions of section 19(2) of the Fire Brigades Act, I have pleasure on behalf of the Board in submitting to you, for presentation to Parliament, the 74th Annual Report of the Board of Fire Commissioners of New South Wales, summarising the activities during the twelve months to 31st December, 1983.

A handwritten signature in dark ink, appearing to read "P. Gallagher".

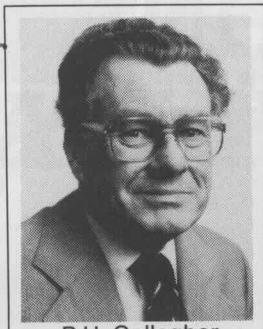
P.H. GALLAGHER,
President & Executive Officer.

The BOARD of FIRE COMMISSIONERS of NEW SOUTH WALES . . .

. . . an authority constituted as a body corporate by the Fire Brigades Act, 1909, to take all practicable measures for preventing and extinguishing fires and protecting and saving life and property in case of fire.



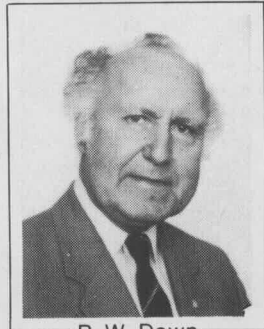
—W. L. Weston—



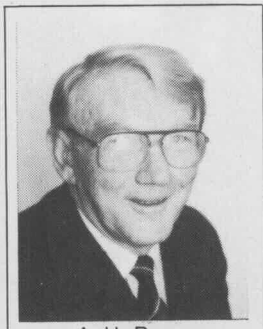
—P.H. Gallagher—



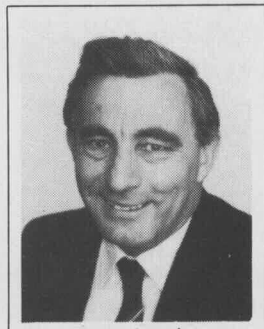
—K. K. Klugman—



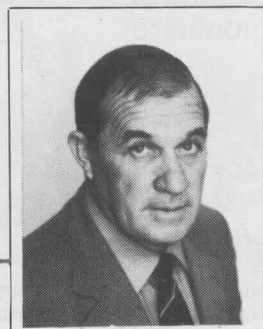
—R. W. Down—



—A. H. Roger—



—B. L. Lewis—



—A. C. McMurtrie—



—W. B. Rogers—

FULL TIME MEMBER

PRESIDENT AND EXECUTIVE OFFICER

WILLIAM LEWIS WESTON,
B. Comm, A.M.I.E.T., M.B.Ps.S.,
Appointed by the Governor.
Resigned 10th May, 1983.

PHILIP HERBERT GALLAGHER,
Appointed by the Governor, 17th October, 1983.

PART TIME MEMBERS

DEPUTY PRESIDENT

KRISTINE KAY KLUGMAN, B.A., M.A.,
Appointed by the Governor.

MEMBERS:

REGINALD WILFRED DOWN,
ALEXANDER HAROLD ROGER,
Elected by the Insurance Companies.

BARRY LESLIE LEWIS,
Elected by the Councils of the Municipalities and
Shires to which the Fire Brigades Act applies.

ALEXANDER CAMPBELL McMURTRIE,
Elected by the members of Volunteer Fire
Brigades.

WARWICK BRUCE ROGERS,
Elected by the members of Permanent Fire
Brigades.

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Introduction

The Board of Fire Commissioners of New South Wales is a corporate body which functions under and with the authority of the Fire Brigades Act, 1909. The Act consolidated the pre-existing laws relating to the prevention and extinguishment of fire and the protection of life and property from fire and it came into effect from the 1st January, 1910. Under the provisions of the Act, the Board was constituted as a corporate body responsible for, among other things, "taking all practicable measures for the protection of life and saving property in those municipalities and shires or part thereof to which the provisions of the Fire Brigades Act apply".

Amendments to the Act in 1979 conferred additional responsibilities on the Board and gave it the authority to carry out rescues in circumstances where there is no immediate danger from fire and to engage in preventive burning and all related operations associated with the reduction of bush fire hazards.

The principle objectives and strategies of the Board are:—

- To establish, equip, train and maintain fire brigades to extinguish fires wherever they may occur in areas under the control of the Board, with the least possible loss of life or property damage.
- To provide a satisfactory level of fire protection for all communities as far as resources and finance will permit.
- To help prevent fire by providing an advisory service to the community on all matters relating to fire safety and prevention.

The Board and its Staff

The Board of Fire Commissioners of New South Wales is made up of seven members. The President and Executive Officer, who is appointed by the Governor, is the only full-time member. The remaining (part-time) members are the Deputy President, appointed by the Governor, two members elected by the contributing insurance companies, a member elected by the municipal and shire councils which contribute to the Board, a member elected by the Permanent Fire Fighting staff and a member elected by the Volunteer Fire Fighting staff of the New South Wales Fire Brigades.

Administration and Departmental

Secretary — J.R. Galbraith, B.E.
Assistant Secretary (Administration & Personnel) —
A.C. McGrath
Assistant Secretary (Finance & Budgeting) —
G.J. Hilder
Manager Technical Services — W.R. O'Brien, M.I.W.,
Aust. Dip. Tech. Eng. (N.S.W.I.T.)
Accountant — H.C. Meehan, A.A.S.A.
Industrial Officer — K.J. Bowman
Senior Administrative Officer — A.F. Liddiard, B.A.
Senior Administrative Officer (Personnel & Training) —
G.W. Haines
Stores & Purchasing Officer — E. Mlynarz
Senior Mechanical Officer — L. Johnson
Senior Electrical Officer — B.I. Cooke
Works Supervisor — G.H. Jose
Transport Officer — R.E. Cowell
Medical Officer — J.E. Pearce, M.B., B.S., F.R.A.C.G.P.
E.E.O. Co-Ordinator — E. Shenton

- To suitably equip brigades and train staff to carry out — or assist other emergency services at — rescue and other emergency operations not involving a fire.
- To develop plans in co-operation with local government authorities for, and to engage in, a regular and on-going programme of bush fire hazard reduction in selected localities in areas under the Board's control.

There have been many and great changes, both social and technological, since the Board was first constituted and indeed even in the few years since the Board developed its current corporate plan. Late in 1983 the Board considered that it was an appropriate time to reconsider the position and redefine its role and functions to meet modern day requirements. With the concurrence and encouragement of the Minister, the Board, its Executives and Senior Staff have held a number of seminars and workshops with a view to developing an organisation and a corporate plan which will be effective into the 1990s and possibly even into the 21st century. As a result, the Board will in future be more concerned with questions of broad policy, resource allocation and strategic planning.

This change in the Board's role will of course necessitate major changes in its supporting organisation including the structure of its Administration and its Technical Service Division. Included in such changes will be increased delegation of authority at all levels to enable management to function effectively at all levels. Further workshops are planned for early in 1984 to develop a suitable organisational plan for the Board's consideration.

During the year, Mr William Lewis Weston elected to retire and resigned from the position of President and Executive Officer as from 10th May, 1983. His successor is Mr Philip Herbert Gallagher, who was appointed as and from 17th October, 1983.

In the intervening period when the Board was without a President and Executive Officer, in accordance with the provisions of the Fire Brigades Act, the Secretary of the Board, who is the Deputy Executive Officer, acted as the Executive Officer and the Deputy President assumed the duties of Chairman at meetings of the Board. The Board wishes to place on record its heartfelt appreciation of the role played by both these persons and the work performed by them during a most difficult period lasting almost six months.

Principal Officers

Chief Officer — R.C. Threlfo
Deputy Chief Officers —
Executive — R.W. Ahern
Services — R.H. Norton
Superintendents
Metropolitan Administration — A.E. Lewis
Country Administration — A.W. Jacobson
Communications & Operations — R.H. MacDonald
Fire Prevention Department — H.C. Bailey
Personnel — A. Baker
Staff Training & Development — G. Arrowsmith
Equipment — W.B. Rogers
Relieving — R.K. Goudie

Equal Employment Opportunity

The necessary approval was given to the Board for an increase in the staff ceilings to permit the appointment of a full-time E.E.O. Co-ordinator to replace the part-time consultant who had been advising the Board. The E.E.O. Co-ordinator (E. Shenton) was appointed as from 23rd September, 1983.

After two years of research and investigation by the E.E.O. staff, the first volume of a proposed three-volume Equal Employment Management Plan, mentioned in the 1982 Annual Report, was produced. This volume is concerned with the Administration and Technical staff and contains strategies which will play a major role in reshaping the employment conditions and practices affecting the staff. The Plan was submitted to the Office of the Director of Equal Opportunity in Public Employment in August 1983.

A series of seminar or workshop sessions have been held to discuss the Plan with employees in the Technical Services Section. This Section continues its support of women in non-traditional occupations. For example, it has given young women involved in transition education programmes conducted tours over the Technical Services Section's workshop, to provide them with insight into the work performed by the various trades.

The E.E.O. Co-ordinator has commenced a regular session as part of the In-Service Training Course for Station Officers. This session provides background to the Board's E.E.O. Policy as well as a forum for discussion of current initiatives.

In 1983 the Board conducted an extensive publicity campaign to recruit firefighters for the 1983/4 intake. Considerable effort was made to encourage women and members of ethnic minority groups to apply for a position as a firefighter. The campaign resulted in an unprecedented number of applications. A total of 3251 persons registered to sit for the Fire Brigades Entrance (Educational) Examination, of which 68 were women.

To fill the known and anticipated vacancies for the remainder of 1983 and for 1984 it was necessary to invite 442 applicants, including 10 women, selected in Order of Merit on their performance in that examination, to undergo the physical assessment and medical examinations. Two of the invited women presented themselves for these tests. One failed to meet the medical or physical requirements and the second failed to meet the minimum height requirement, although she passed both the physical and medical tests.

The Board currently has one Aboriginal trainee under the National Employment Strategy for Aboriginals. This trainee is undergoing on-the-job training as a firefighter.

Much has been learned during 1983 particularly from the recruiting campaign and this experience will be utilised in the preparation of strategies for future recruitment and in compiling those sections of the E.E.O. Management Plan which relate to Permanent and Volunteer Firefighting staff. These are currently in preparation and it is expected that they will be completed by July 1984.

N.S.W. Fire Brigades Band

In the latter part of 1983 the New South Wales Fire Brigades Band was placed under the control and management of a Superintendent (W. Rogers), and a new Bandmaster (M. Reay) appointed.

It was reorganised to play a more active role in promoting and publicising fire prevention. As well as providing fine entertainment at its performances, these occasions were used as an opportunity to educate the general public on fire

prevention. Literature containing advice on fire prevention and warning of the dangers associated with fire was distributed to many thousands of people at these venues.

It is expected that the Band will play a prominent role during 1984 in the state-wide celebrations for the Centenary of the organised fire services in New South Wales. The Band will also make a recording in 1984 which will feature "old" and "new" tunes with the emphasis on music which is fire-orientated.

Education and Information

Significant initiatives were taken during 1983 in the Education and Information areas. One of the most important of these was the introduction of a regular newsheet, "UPDATE", after each Board meeting to communicate Board decisions throughout the Fire Service.

The emphasis on fire safety and fire prevention education was maintained and extended by the Mr. Cinders programme and the development of a new range of literature around this character. In addition, a proposal for development of a national literature programme, to achieve greater uniformity and to save on production costs, was put before the Australian Assembly of Fire Authorities.

A major recruitment campaign resulted in a record number of applicants, and a record number of female applicants, to become firefighters.

As part of the District Officers' In Service Training Course, a half-day session was introduced on interaction with the media, and on general public relations.

Major publications included the usual four quarterly copies of the Board's well-received magazine, "Fire News", and the development of a new Drug and Alcohol booklet for the Board.

A large part of the latter half of 1983 was taken up by planning and preparations for the Centenary Year of the Fire Brigades in 1984.

Fire Prevention Department

In accordance with its obligation under the Act, the Board is vitally concerned not only with the suppression and extinguishment of fire but also with its prevention. To this end the Board has a Fire Prevention Department which gives advice on fire prevention and fire safety matters to other government departments and local government bodies concerned with the administration of such legislation as the

Height of Buildings Act, Child Welfare Act, Ordinance 70 of the Local Government Act, etc.

Officers of this department processed 2565 plans/applications, carried out 1890 inspections of premises or buildings under construction and attended 1994 conferences with architects, builders or officers of other government departments.

In accordance with the provisions of S 34 (2)(a) of the Fire Brigades Act, a total of 75% of the Annual Estimates of Expenditure is contributed to the Board by insurance companies transacting business in New South Wales and "owners", as defined by the Act, who insure with companies not registered in this State. The State Treasury and Local Government contributed the remaining 25%, each contributing the sum of \$12,461,852.

In 1983 the statutory contributions paid to the Board totalled 95.17% of the revenue with the Insurance Companies and Owners contributing \$74,667,264 (71.35%) and the Treasury and Local Government contributing \$12,461,852 (11.91%) each. The balance of the revenue, \$5,053,146 (4.83%), came from Miscellaneous Sources which included payments received for services rendered and interest on invested funds.

Income

The total revenue of the Board for 1983 was \$104,644,114 and included an amount of \$702,032 which was received from the Commonwealth Government as a contribution for the fire protection provided for Commonwealth property. The figure is shown in the Financial Statements (Appendix I) as "subsidy for telephone rent", because the Commonwealth Government used to "contribute" for fire protection by allowing a substantial discount on rental of telephone lines used for business purposes by the Board. When this was discontinued with the formation of Telecom Australia, the Government began to make a direct contribution at a rate now equivalent to 0.8% of the Annual Estimates of the Board.

The income received from all sources was —

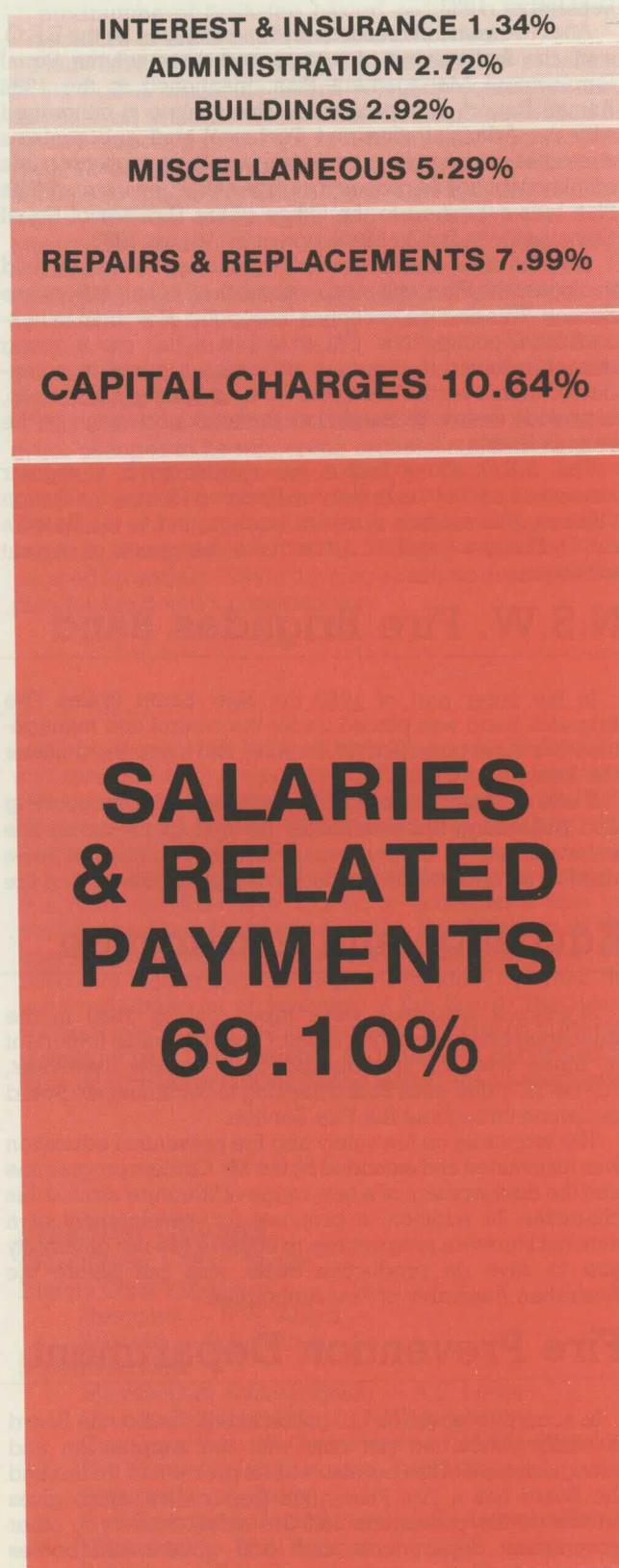
N.S.W Government	\$12,461,852
Insurance Companies and Owners	74,667,264
Local Government	12,461,852
Miscellaneous Sources	5,053,146
	<hr/>
	\$104,644,114

At the end of the year 1982, there was an accumulated surplus of \$4,696,340, and after taking this into account, funds totalling \$109,340,454 were available in 1983. These funds were disbursed as follows:

Salaries and Related Payments	\$70,829,713
Administration	2,792,000
Buildings	2,992,653
Repairs and Replacements, etc	8,192,261
Miscellaneous	5,420,964
Insurance	525,716
Capital Charges	10,901,221
Interest	848,451
	<hr/>
	\$102,502,979

The accumulated surplus as at 31st December 1983 was \$6,837,475.

FIGURE 1



Section 34 (2)(a) of the Act requires municipalities or shires or parts thereof which comprise a fire district to contribute one-eighth of the cost of maintaining that fire district. Where a fire district is comprised of two or more municipalities or shires, S 35(1) requires the local government contribution payable in respect of that fire district to be apportioned on the basis of the Land Valuation of ratable land in the municipality or shire which is included in the fire district. The statutory contribution payable by each Council must not exceed 1 cent in the dollar of the Land Value of ratable land, unless the Council requests the Board to seek the Minister's consent to increase the statutory limit in order that the required level of fire protection and service can be maintained.

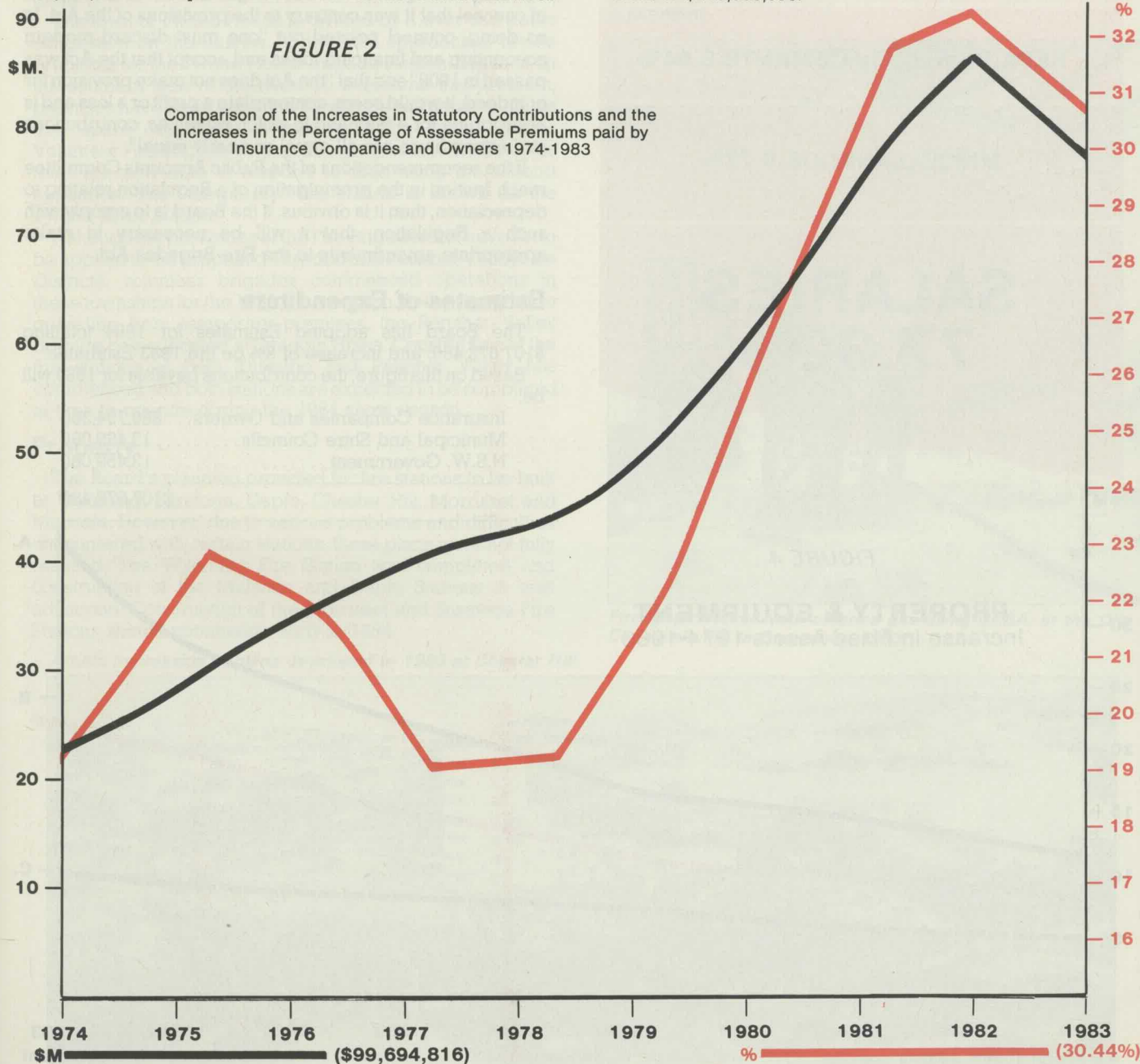
The Sydney Fire District is made up of the whole or part of thirty-five municipalities and shires. In 1983, the Councils of these municipalities and shires contributed a total of \$9,695,364 for the provision and maintenance of fire services

in the Sydney Fire District. These contributions represented .000365 cents in the dollar of ratable property, a figure well under the statutory limit of .125 cents in the dollar.

One hundred and twenty-four Municipal and Shire Councils contributed a total of \$2,766,488 in respect of the 183 other fire districts.

Contributions paid by insurance companies and owners totalled \$74,667,264 and represented 30.4373% of assessable premiums received by those companies or in real terms 23.34% of the premiums paid in respect of "fire" insurance or 15.21% of the premium in respect of Houseowners and Householders (Building and Contents) policies.

The 1982 percentage was 32.6212% so that the 1983 percentage was a decrease of 2.18 cents in the dollar on assessable premiums or a decrease of 6.69% in real terms. The total assessable premiums received by insurance companies increased by 18.96% in 1983 from \$206,494,664 in 1982 to \$245,656,053.



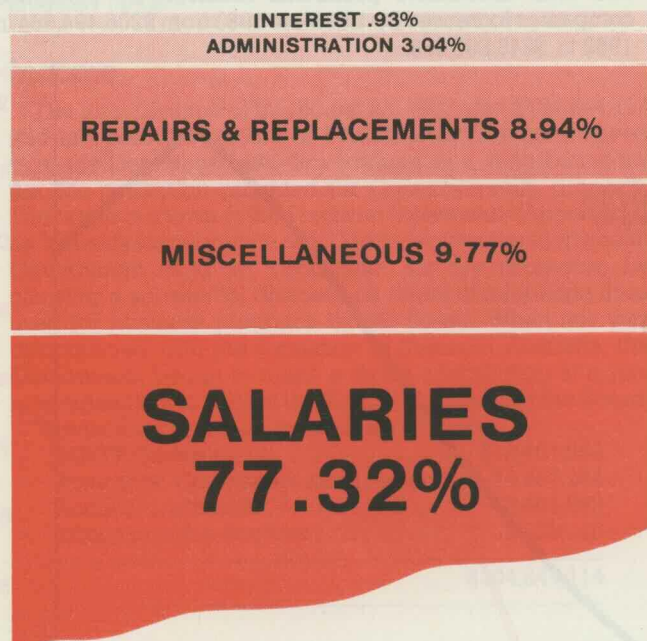
Expenditure

The expenditure for 1983 was \$91,601,758 excluding transfers to Capital Funds. This was an increase of 9.98% on the 1982 Expenditure of \$83,283,772.

Revenue exceeded expenditure by \$2,141,135 and, after taking into account the accumulated surplus of \$4,696,340 brought forward from 1982, at the 31st December 1983 the accumulated surplus was \$6,837,475.

Once again the major item of expenditure was Salaries and Related Payments which account for 77.32% (\$70,829,713) of the total expenditure. The cost of Repairs and Replacements increased by 34.76% to \$8,192,261 or 8.94% of the total expenditure for 1983. The charge for Administration was \$2,792,000 or 3.04%.

FIGURE 3



Assets increased by 15.24% from \$51,264,236 in 1982 to \$59,076,540 at 31st December, 1983. The Fixed Assets increased by 26.2% to a total of \$37,687,715.

A debenture loan from \$900,000 was negotiated and at the end of the year, the total amount owed by way of debentures was \$6,359,285 — an increase of 2.08%.

It is noted in the "Report on Accounting and Reporting Requirements for Statutory Authorities", published by the Public Accounts Committee in June 1983, that there is recommendation that Regulations under the Annual Report Act should specify requirements in regard to depreciation and how this should be shown in the Balance Sheet. The Board will be unable to comply with such a regulation as it is unable to charge depreciation under the present legislation. In 1971 the Board took action to amortise its real property and to charge depreciation on fire appliances, but this action was challenged. Legal advice was sought and it was the opinion of counsel that it was contrary to the provisions of the Act. In so doing, counsel pointed out "one must discard modern accounting and financing ideas and accept that the Act was passed in 1909" and that "the Act does not make provision for or indeed, it would seem, contemplate a profit or a loss and is appropriate for a fairyland in which estimates, contributions and expenditure are all equal or nearly equal".

If the recommendations of the Public Accounts Committee reach fruition in the promulgation of a Regulation relating to depreciation, then it is obvious, if the Board is to comply with such a Regulation, that it will be necessary to make appropriate amendments to the Fire Brigades Act.

Estimates of Expenditure

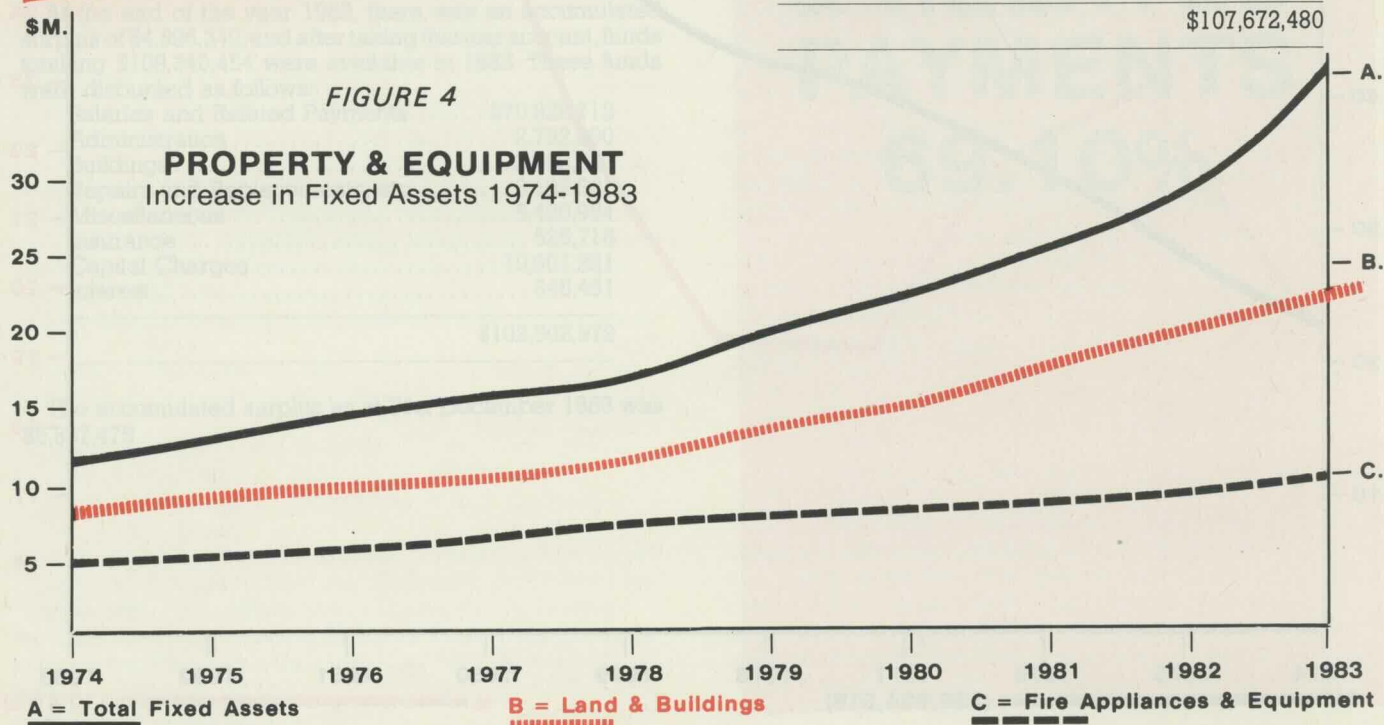
The Board has adopted Estimates for 1984 totalling \$107,672,480, and increase of 8% on the 1983 Estimates.

Based on this figure, the contributions payable for 1984 will be:

Insurance Companies and Owners...	\$80,754,360
Municipal and Shire Councils.....	13,459,060
N.S.W. Government	13,459,060

\$107,672,480

FIGURE 4



Fire Districts and Brigades

An additional fire district was created by the application of the provisions of the Fire Brigades Act to part of the Shire of Muswellbrook to create the Denman Fire District. A Volunteer Fire Brigade was duly constituted to service this fire district and operated from a temporary fire station which was formerly the Volunteer Bush Fire Brigade premises.

A Volunteer Fire Brigade was also constituted at Wyoming in the Gosford Fire District and commenced operations from a new fire station as from 1st December, 1983.

A Volunteer Fire Brigade was established at Delroy (West Dubbo) and will operate from leased premises until such time as the Board can acquire a site and build a fire station.

The old Albury Fire Station in Kiewa Street, which was closed in 1982 when the new Mate Street station was opened, was re-activated on 8th December, 1983. It is manned by volunteer staff who have transferred from the Mate Street station. The brigade and station are now known as "Albury Civic".

The town of Tweed Heads is divided by a river and traffic congestion on the narrow bridge and approaches create problems for the Tweed Heads Brigade in attending fires on the southern side of the river. To overcome this problem, premises have been leased in Tweed Heads South to house the "spare" appliance. Members of the Tweed Heads Volunteer Fire Brigade who reside on the southern side of the river are now able to respond to fires using the second appliance. The "temporary" fire station is known as the Tweed River Station.

Although the provisions of the Fire Brigades Act have yet to be applied to the proposed Thredbo and Perisher Valley Fire Districts, volunteer brigades commenced operations in these townships for the 1983 snow season. Both brigades are operating from temporary premises, the Perisher Valley Brigade being located at Smiggin Holes. Construction of the fire stations at both Thredbo and Perisher Valley has commenced and both stations are expected to be completed in time to operate during the 1984 snow season.

Property

The Board's planning provided for fire stations to be built at Wyoming, Saratoga, Dapto, Chester Hill, Morrisset and Mulwala. However, due to various problems and difficulties encountered with certain stations, these plans were not fully realised. The Wyoming Fire Station was completed and construction of the Mulwala and Dapto Stations is well advanced. Construction of the Morrisset and Saratoga Fire Stations should commence early in 1984.

Artists impression of plans developed in 1983 at Chester Hill.



Equipment

There has been a significant increase in the amount and variety of equipment which has been introduced into the service. The most significant increases have been in rescue equipment, breathing apparatus and protective clothing.

During 1983, an additional 116 sets of C.A.B.A. (Compressed Air Breathing Apparatus) were placed in service, bringing the total number of sets in use to 939. Most of the new sets were acquired as part of the Country C.A.B.A. Equipment Programme and 42 country brigades were provided with the equipment.

The purchase of rescue equipment mentioned in the 1982 Annual Report was completed. Eventually rescue equipment will be installed in every fire station in the State. The speed with which this can be accomplished is restricted by the capacity of the Staff Training and Development Section being able to adequately train the staff in the use of this equipment.



Firefighters faced with chlorine gas using CABA, at the Olin Chemicals fire in December, 1983.

Fire Districts and Brigades

Fire Appliances

Twenty-three new International Pumpers were commissioned during 1983. Twenty-two of these appliances were standard 750 gpm or 57 litres/sec pumpers and one was a 3-stage, 1200 gpm Super Pumper.

The Super Pumper was attached to Newcastle and the standard Pumpers to Balmain, Berowra, Cabramatta, Castle Hill, Engadine, Newtown, Pyrmont, Riverwood, Sutherland, Bathurst, Broken Hill, Bulli, Campbelltown, Charlestown, Dubbo, Goulburn, Hamilton, Katoomba, Lismore, Orange, Port Kembla and Wyong. The Pumper assigned to Port Kembla also had foam-generating capabilities. An International Skyjet Aerial Rescue Monitor was commissioned and installed at the Stanmore Fire Station.

Other appliances commissioned during the year included an International Salvage/Rescue Appliance to be used as a "spare" for the Sydney Fire District. It will replace salvage appliances which are temporarily withdrawn from service



Zone 3 Inspector Cec Montgomery (right) handing over the keys to Captain Eric Chambers of Evans Head, for their newly installed International Motor Engine on Thursday 18th August, 1983. This appliance replaced a Ford Thames which was returned to Sydney. Photo courtesy Northern Star Ltd.



Handing over the keys of the new appliance to Branxton-Greta Fire Brigade at the Branxton Fire Station, February 1983.



All Terrain Vehicle. A spare was acquired in 1983 for use in the snowfields.

for regular maintenance and repairs. An additional Hagglund All Terrain Vehicle was acquired as a "spare" for use in the Kosciusko National Park snowfields. It has been installed at Jindabyne.

In addition to the new appliances which were commissioned, a total of 76 appliances already in service were checked, overhauled and re-allocated to other stations to replace older appliances.

Motor Programme

The Motor Replacement Programme for 1984 provided for the expenditure of almost \$6.25m on new fire appliances. Included in this programme are 52 Standard pumpers at a cost of approximately \$4.15m. These appliances are for allocation to stations in the Sydney Fire District. Other appliances to be acquired for the Sydney Fire District include 3 Bush Fire Tankers, 1 Aerial Rescue Monitor, 2 Hose Laying Appliances and 2 sets of Turntable Ladders.

The balance of the Programme is made up of 9 Bush Fire Tankers for various country stations and a Breathing Apparatus Van for the Illawarra District.

NSW STATISTICS — 1982/1983

1982 MONTH	CITY BUILDINGS/ OUTBUILDINGS	COUNTRY	CITY FALSE ALARMS	COUNTRY FALSE ALARMS	CITY NON FIRES	COUNTRY NON FIRES	CITY GRASS & RUBBISH	COUNTRY	CITY OTHER	COUNTRY
JANUARY	635	291	1,471	390	251	190	647	593	127	23
FEBRUARY	593	321	1,170	381	197	135	849	748	101	18
MARCH	639	305	1,437	384	206	134	409	301	163	34
APRIL	613	287	1,108	356	178	118	609	422	158	34
MAY	761	413	1,083	501	205	100	1,220	1,055	164	43
JUNE	770	421	1,250	441	192	121	956	987	155	47
JULY	825	432	1,225	448	206	109	761	1,113	183	34
AUGUST	823	421	1,389	538	163	128	1,752	3,111	187	46
SEPTEMBER	690	370	1,512	651	214	145	1,232	1,514	76	29
OCTOBER	720	339	1,355	489	218	105	795	609	81	15
NOVEMBER	714	410	1,595	470	250	140	1,060	1,086	96	26
DECEMBER	767	330	1,621	460	212	116	1,098	980	91	20
	8,550	4,340	16,216	5,509	2,492	1,541	11,388	12,519	1,582	369

1983 MONTH	FIRES				CITY FALSE ALARMS	COUNTRY FALSE ALARMS	CITY NON FIRES	COUNTRY NON FIRES	CITY GRASS & RUBBISH	COUNTRY	CITY OTHER	
	CITY	SUSPICIOUS	COUNTRY	SUSPICIOUS								
JANUARY	727	172	340	34	1,627	516	207	105	1,088	1,050	88	15
FEBRUARY	715	187	342	44	1,569	586	179	78	908	791	82	18
MARCH	808	213	398	40	1,777	521	258	119	607	576	88	20
APRIL	661	181	290	31	1,294	402	163	81	296	244	87	21
MAY	815	195	299	39	1,549	360	204	83	320	155	104	10
JUNE	974	210	315	26	1,971	485	206	78	545	319	100	19
JULY	972	237	370	25	1,916	302	253	96	485	348	125	14
AUGUST	922	212	364	51	1,453	401	202	85	595	319	121	17
SEPTEMBER	722	195	278	25	1,125	554	231	84	993	549	118	17
OCTOBER	734	201	263	28	1,522	405	238	101	373	245	106	9
NOVEMBER	821	192	254	29	1,491	402	220	89	704	346	110	13
DECEMBER	748	164	253	29	1,644	431	261	125	573	370	110	17
	9,619	2,359	3,766	401	18,938	5,365	2,622	1,124	7,487	5,312	1,239	190

Major Fires & Emergencies

Sydney Fire District

02.01.1983	Homebush Boys' High School.
16.01.1983	Cumberland Wholesalers — 110 Church Street, Parramatta.
17.01.1983	Lebanese Restaurant — Church Street, Parramatta.
20.01.1983	Flour mill under demolition — Hill Road, Lidcombe.
12.02.1983	Della Cane Imports Warehouse — Thomas and Quay Streets, Haymarket.
12.05.1983	Harris Kitchen Manufacturers Factory — 43 Shepherd Street, Marrickville.
17.05.1983	Coulter Electronics Factory — 1 Dale Street, Brookvale.
24.05.1983	Furniture Factory — 32 Bartlett Street, Summer Hill.
10.06.1983	Waverley College — Salisbury Street, Waverley.
22.07.1983	Major Pty Ltd — 50 Foster Street, Surry Hills.
08.08.1983	Park House — 193 Macquarie Street, Sydney.
20.08.1983	Mercantile Free Stores Warehouse — Queen Street, Glebe.
08.10.1983	Vacant Building — Regent Street, Redfern.
21.10.1983	Foam Lite Australia — 109 Wetherill Street, Silverwater.
21.10.1983	Wood Store — Vore Street, Silverwater. Spread to Phillip Trading, Silverwater Smash Repairs.
22.10.1983	Waltons — Kenyon Street, Fairfield.
24.10.1983	Association of Mouth and Foot Painting Artists Pty Ltd Factory — McCauley Street, Alexandria.
03.11.1983	Shed — Darling Harbour Goods Yard, Darling Harbour.
20.11.1983	Parkridge Towers — 14 Oxford Street, Darlinghurst.
01.12.1983	Olin Chemicals — Lot 15 Fariola Street, Silverwater.
21.12.1983	Mirotone Pty Ltd — Marigold Street, Revesby.
21.12.1983	Access Industries Disabled Workshop — Gormley Street, Lidcombe.
09.01.1983	A Stage 3 Bushfire — Greenhaven Road, Grays Point.

Della Cane Imports — Haymarket

The Alexandria Control Centre received a call at 2.50 a.m. on 12th February to a warehouse fire at Thomas and Quay Streets, Haymarket. The first Brigades were at the scene within 5 minutes and a request for more assistance up to a total of 8 stations was transmitted at 2.55 a.m.

The fire involved a brick warehouse building, approximately 30m x 50m, which was already well alight when the first Brigades arrived. Pumpers and aerial appliances were immediately "got to work" and a cut-off point established.

The fire was brought under control although difficulty was experienced in attacking the "seat" because of the iron roof, and steel roller shutter doors and wired mesh also added to the difficulties. The problem was partially overcome by using aerial appliances to direct their streams through upper floor windows.

The "Stop" was transmitted at 4.27 a.m. although mopping up and salvage operations continued for some time after. A fire duty was commenced at 8.00 a.m. and was terminated at approximately 1.00 p.m.

The principal occupant of the building was Della Cane Imports. The building had a volume of approximately 22,500 m³ with 75%, or approximately 17,000 m³, being involved in the fire. It required the use of an estimated 1,843,700 litres of water to control the fire at a rate of 20,485 litres per minute.

Homebush Boys' High School

On Sunday, 2nd January, a call was received at 3.12 a.m. to Homebush Boys' High School. Brigades from Burwood and Concord responded. However, due to the receipt of more calls over the 000 Emergency Telephone Service, an additional 2 Brigades were also ordered to respond.

At 3.20 a.m. the first of the responding Brigades requested more assistance to a total of 5 stations plus an aerial appliance. Shortly after, there were further requests for more assistance, the total attendance finally being 17 officers and 43 firefighters with 3 aerial appliances, 10 pumpers and 4 special appliances.

The total amount of water used to control the fire is estimated at 1,670,000 litres and a grand total of 1,795,000 litres required to completely extinguish it. The "Stop" was transmitted at 4.16 a.m., only an hour after the first call. A fire duty was instituted and this was terminated at 11.45 a.m.

The origin of the fire was identified by officers as suspicious and, as witnesses had observed 4 youths leaving the building, the matter was placed in the hands of the Police Arson Squad.



Della Cane fire; Haymarket, City, February 1983.

Park House, 191 Macquarie Street and F.A.I. Building, 185 Macquarie Street

Over a period of a week, Brigades attended several calls to the above or adjoining premises.

The first of a series of similar calls was at 193 Macquarie Street and was received at 7.35 p.m. on 1st August. The attending Brigades found a Doctor's Surgery and rooms on the 3rd floor heavily smoke-logged. A thorough investigation was carried out, not only of the building but also of the 2nd floor of Park House which adjoined. The investigations proved negative and there was no evidence to indicate the source of the smoke or its cause. By this time, the smoke had dissipated and no more smoke was detected.

The following day, 2nd August, at 2.20 p.m., a call was received to a fire on the roof of Park House at 191 Macquarie Street. Upon arrival, the attending Brigades discovered workmen at the rear of Park House were laying bitumen which had ignited. They had extinguished the fire by means of a garden hose. Further investigations showed that several occupancies had been infiltrated by smoke or could smell smoke, but upon the extinguishment of the bitumen, the smoke dissipated and there was no further evidence of fire. However, as a precaution, the area of bitumen was "wetted down".

Later the same day, at 8.24 p.m., a call was received at the F.A.I. Building at 185 Macquarie Street. The Brigades found the first floor of the building smoke-logged but a thorough investigation both internally and externally did not show any evidence of a fire. The adjoining premises, Park House, could not be investigated internally but a thorough external inspection was carried out. The smoke in the F.A.I. Building had dissipated and the "Stop" was transmitted at 8.57 p.m. The incident was recorded as "smoke from incinerator".

On Monday, 8th August, a local exchange call to Headquarters Fire Station at 11.55 a.m. reported a smell of smoke in the building at 193 Macquarie Street. The responding Brigades traced this to workmen laying bitumen at the rear of 191 Macquarie Street, which had once again ignited and been extinguished by a garden hose. The fire had also ignited canite infill between Park House and the F.A.I. Building. The workmen had removed some of the cement render between these buildings in an attempt to extinguish the fire. Although the burning canite appeared to have been extinguished, further investigations were made in an effort to determine the extent and effect of the fire.

The fire had spread for approximately 10 metres through the infill at the second floor level. The investigation also showed that a large area of wall on this floor appeared to be abnormally hot and an exploratory hole was cut through. This revealed that the infill was burning at this point. The hole was enlarged and work was commenced to extinguish the fire. Further holes were made in the wall and fire was encountered at three locations on the second floor level. Enlarging the holes and extinguishing the fire took several hours.

By 11.20p.m. there was evidence that the fire had spread to the 3rd floor level and it was necessary to break through the wall. Tracing the spread of fire continued through the night on both the 3rd and 4th floors. As when fire was encountered, the wall openings were enlarged and the fire extinguished.

On the following day, 9th August, the roof cappings and flashings between Park House and the F.A.I. Building were removed. Two lines of hose were used from above to flood the cavity between the buildings and extinguish any possibly undetected pockets of fire in the canite infill. These operations continued until water was observed flowing past the openings on the 2nd floor level.

A fire duty of an Officer and two firefighters remained on duty from 6.00 p.m. on 8th August until 12 noon on Saturday, 13th August. The openings in the walls were sealed temporarily with "firecheck" gyprock until such time as more permanent repairs could be effected.

Victoria and Gormley Streets, Lidcombe

A call was received at 8.41 p.m. on 21st December, to a large complex in Victoria and Gormley Streets, Lidcombe. The fire involved an L-shaped building of approximately 105,000 m³ which was occupied by Access Industries (a disabled workshop) and Thomas French and Son.

The initial response was by Brigades from Concord and Wentworthville but subsequently the response was increased to a total of 13 stations with aerial appliances, the Breathing Apparatus Van and the Fire Command Vehicle.

The spread of the fire was accelerated by a very strong southerly wind and this generated great volumes of smoke. The fire-fighting operations were hindered by the very poor water supply at the area. The "Stop" was transmitted at 10.10 p.m. and the damage to the building was severe with 75% "burnt out and fallen down".



Firefighters flood cavities between walls between Park House and FAI Building, August 1983.

Mercantile Free Stores — Glebe

At 11.14 p.m. on the evening of Saturday, 20th August, Brigades responded to a call to a warehouse alight in Bay Street, Glebe. On arrival, the Brigades were confronted with a major fire involving a 4-storey warehouse and potential firespread was evident. The building, an old-style brick warehouse, was situated on the corner of Bay and Queen Streets and was surrounded by both residential and commercial buildings.

The fire was also threatening a theatre in Bay Street and a row of 5 terrace houses in Queen Street. The fire crews at work trying to contain the fire were in danger and were ordered to withdraw to safer positions. Shortly after, the building erupted in flame and the radiant heat was so intense that fire fighting crews had to withdraw further. Appliances were at work on all sides attacking the fire whilst a large branch was placed to play water on the threatened premises and cover these exposures. There was also danger from the threatened collapse of the walls.

At 11.51 p.m. the walls of the 2 top floors collapsed outwards. The south wall fell into Queen Street, completely filling this narrow thoroughfare with rubble and damaging the "Off-Broadway Theatre" and terrace houses as well as bringing down power lines. The north wall collapsed into open space around Housing Commission units, damaging unit walls and roof areas and starting several small fires. Fire

Brigade Turntable Ladders were also damaged by falling debris.

The walls collapsed simultaneously and the collapse was preceded by an enormous surge of flame activity, probably generated by the collapse of the timber floors. The collapse of the walls and the rendering safe of fallen power lines enabled firefighters to approach much closer and, with the co-operation of the water service operator, large quantities of water became available for fire fighting.

The "Stop" was transmitted at 1.58 a.m. on Sunday although a fire duty commenced at 10.00 a.m. on 21st August and continued until Friday 26th August at 10.33 a.m. A total of 11 pumpers were utilised to provide water to fight this fire and it is estimated a total of 10 million litres were used. Fifteen stations attended the fire which involved the use of considerable resources.

The N.S.W. Fire Brigades Chaplain, Major Don Woodlands, 7th Salvation Army, was in attendance accompanied by the Salvation Army canteen and emergency bus. Salvation Army personnel provided comfort and solace to the evacuated families as well as providing food, refreshments and alternative accommodation if required.

Employees of the Metropolitan Water Board and the Sydney County Council as well as members of the N.S.W. Police Force also played vital roles at this incident.



Deputy Chief Officer Ahern, (foreground left), assesses the situation with other officers at the Mercantile Free Stores fire, August 1983.

Foam Lite Australia Pty Ltd — Silverwater

At 12.28 a.m. on Friday, 21st October, Parramatta Fire Station received an alarm from an automatic fire alarm connected to the premises of Foam Lite Australia Pty Ltd at 109 Wetherill Street, Silverwater. Brigades from Silverwater and Auburn Fire Stations were ordered to respond to this alarm.

En route to the fire, the Silverwater Brigade transmitted a message to the effect that the fire was visible and more assistance was required, to a total of 4 stations. Upon arrival of the Brigade at 12.32 a.m., the factory of approximately 40m x 40m was well alight. Fire-fighting operations were affected by the poor water supply and it was necessary to set up relay pumping to overcome the problem.

At 1.03 a.m. the Inspector in Charge requested additional assistance to a total of 8 stations because by then there was danger to adjoining property. By 1.51 a.m. the Foam Lite premises were totally involved in fire, the roof had collapsed and the fire had spread to adjoining premises.

The polystyrene slabs stored in the premises burned fiercely and generated intense heat, preventing fire crews advancing closer and attacking the seat of the fire. This and the collapse of the steel-trussed roof at an early stage made extinguishment difficult until all the polystyrene had been consumed.

The Foam Lite premises were a steel framed building with asbestos cement walls and roof. It was a single story building approximately 50m x 70m with a cubic capacity of 35,000 m³. There was an automatic sprinkler system installed in the premises in accordance with Australian Standard 2118. This system would have been classified as an "Ordinary Hazard Installation" and was adequate for ordinary combustibles.

The premises were on lease to Foam Lite Australia Pty Ltd and used for the storage of polystyrene. This increased the fire loading of the building to a "high hazard". In the circumstances, the sprinkler system needed to be upgraded to provide adequate protection.

Mirotone Pty Ltd — Revesby

The Revesby and Bankstown Brigades responded to a call to Mirotone Pty Ltd at Marigold Street Revesby at 7.56 p.m. on Wednesday, 21st December. At 8.02 p.m. the Revesby Brigade reported the premises were well alight and 6 stations would be required, as the adjoining premises were in danger.

At 8.06 p.m. the Bankstown Brigade reported that the fire had reached a crisis point and that there were fires in adjoining premises. Two minutes later, Bankstown Brigade reported that the water supply was insufficient and that relay pumping from Milperra Road was required.

Mirotone Pty Ltd are manufacturers of industrial varnishes and lacquers, so the contents of the premises were highly flammable. The fire also involved drums of nitrocellulose, pegasol and amino formaldehyde resin.

By 9.01 p.m. the fire had been contained and a fire duty crew commenced at midnight and terminated at 10.00 a.m. the next day. The cause of the fire was not known and the Arson Squad is investigating.

Parkridge Towers — Darlinghurst

On Sunday 20th November at 11.38 p.m., Alexandria Control received a call to a fire in a lift at Parkridge Towers at 6-14 Oxford Street, Darlinghurst, and Brigades from Darlinghurst and Woollahra Fire Stations were responded. Three minutes later, a call was received correcting the address to "East Sydney" and Brigades from Headquarters Fire Station were despatched.

On arrival, the Darlinghurst Brigade discovered a lift, stopped on the ground floor level, was well alight and called for more assistance including an aerial appliance. There was a fire reported on the 12th floor and although this proved negative, there was smoke on the upper floors and evacuation of the building was commenced. Further investigation proved the smoke to be emanating from the lift well and this was cleared by cross ventilation.

The "Stop" was transmitted at 1.12 a.m. and residents were allowed to return to the building at 1.30 a.m. Although there was no evidence of fire on the 12th floor, the hose reel had been used and there was water damage to the carpet. This and the nature of the fire in the lift were considered to be suspicious and the Police Arson Squad was notified.

Country Brigades

02.01.1983	N.T.A. Warehouse — Sandgate.
06.01.1983	Commercial Building — 229 High Street, Penrith.
21.01.1983	Black Creek Timber Mill — Tumbarumba.
03.02.1983	18,000 litres Hixane Spillage — Windsor Road, Bulga.
14.02.1983	Total Service Station — Lithgow.
08.03.1983	Arthur Yates Pty Ltd — Dubbo.
22.03.1983	Commercial Building — 235 High Street, Penrith.
26.03.1983	McMurtie Swimming Pool Manufacturers — Orange.
20.04.1983	Music Shop — Narrabri.
06.05.1983	Crescent Restaurant — Goulburn.
21.05.1983	Golden Lili Restaurant — Tamworth.
09.06.1983	5,500 litres Petrol Spillage — Hill Depot, Mt. Thorley.
11.06.1983	Premises — 123/125 Prine Street, Grafton.
14.06.1983	Ben and Bates and Co. — Inverell.
22.07.1983	Premises — 233 Dennison Street, Broadmeadow.
24.07.1983	Motor Cycle Shop and Four Other Shops — Deniliquin.
06.08.1983	Lavington Public Hall — Albury.
10.08.1983	Factory — Mulgrave.
14.08.1983	Fork and View Restaurant — Katoomba.
28.08.1983	Arcade — 13 Parklands Avenue, Port Macquarie.
14.09.1983	Pyneboard Production Mill — Port Kembla.
16.09.1983	L.P. Gas Emergency — Dungog.
21.09.1983	B.H.P. Paint Shop — Port Waratah.
04.10.1983	Commonwealth Steel Rolling Mill — Port Kembla.
06.10.1983	Furniture Factory and Canvas Goods Manufacturer — Bowral.

The Board continued to meet regularly in conference with all Unions representing members in the Board's employ. These meetings provide a good forum for discussion of grievances and frequently lead to the resolution of a wide range of problems.

Shorter Working Week for the N.S.W. Fire Brigades

The N.S.W. Fire Brigades Employees' Union included a claim for a shorter working week of 38 hours as part of its Log of Claims which was submitted to the Board in September. Following several meetings with representatives of the N.S.W. Public Service Board, the Union did not pursue the matter further.

Payment of Fares (Travelling to and from Work) for members of the N.S.W. Fire Brigades

As previously reported in the 1982 Annual Report, the Conciliation Commissioner awarded members of the N.S.W. Fire Brigade working under the N.S.W. F.B. Employees' and Station Officers' Awards an amount equivalent to all fares incurred whilst travelling to and from work, and this amount to be paid even when the employee travels by his own private means of transport. The Board appealed against the decision and the appeal was heard by Mr Justice Sweeney, who upheld the appeal and set aside the Commissioner's decision. However, he inserted the following clause in the relevant Awards:

"Fares and Travel. A Fireman (or Officer), other than a relief Fireman (or Officer) stationed within the Sydney Fire District should be granted an allowance of \$4.00 per week as compensation for not having a fixed place of employment and for his excess fares and travel."

The Board appealed against Sweeney J.'s decision and the matter came before the Commission in Court Session with Mr. Justice Fisher, President of the Industrial Commission, presiding. The Public Service Board sought and was granted leave to intervene because of the likelihood of a flow-on of Sweeney J.'s decision. The Commission directed the Industrial Registrar to notify other parties of the hearing, in order to give other Unions and employing bodies an opportunity to intervene in the proceeding should they so desire.

The matter has been set down for hearing in early March, 1984.

Superintendents — Dispute on Appointments and Seniority

Because of a vacancy existing in the rank of Superintendent and having regard to the policy of the Board at that time, the Board called for applications from members of the N.S.W. Fire Brigades to fill the vacancy. Only one application was received, that being from the "most senior" Inspector. It was evident from this and the lack of detail submitted with the application, contrary to the requirements outlined in the "advertisement" for the position, that the member was acting in accordance with Union instructions. The Union was therefore in fact, challenging the Board's right to appoint the most suitable applicant, by instructing its members, other than the most senior member, not to apply for the position.

After lengthy negotiations, the Board maintained its position that merit should be the basis for promotion, but it also agreed that seniority would be considered as a factor where all other qualifications were equal. The Union was requested to remove its restrictions from its members and permit them to apply for the position. In doing this, the Board drew attention to the fact that appointments up to and including the position of Superintendent, were subject to the provision of the G.R.E.A.T. Act.

Further conferences were held between the Board and Union and it was agreed that a special Working Party, comprising two Board representatives, and two Union representatives under an independent Chairman, would be formed to look into this matter and to provide a report and recommendations on Promotions to Superintendent and future qualifications for promotion to rank of Deputy Chief Officer.

This dispute however remained unsettled at the end of the year.

Newcastle — Manning of Fire Station Watchroom

The Newcastle Branch of the Fire Brigades Employees' Union notified the Board that it considered the Watchroom (Communications Control Room) should be manned by two men on a twenty-four hour a day basis and that members of the Branch would carry out restricted duties only until such time as the required level of manning was provided.

The Board notified the Industrial Registrar of a dispute and, following lengthy negotiations between the parties concerned, the Industrial Commissioner recommended that a twelve-week trial period should be conducted and that, prior to the commencement of the trial, the Union was to remove all bans and limitations.

During the trial period, detailed statistics were kept and presented to a Compulsory Conference which was convened on 3rd November, 1983. The parties were unable to reach agreement and the proceedings were stood over.

This matter therefore also remained unsettled at the end of the year.

Permanent Fire Fighting Staff

In October, the Government approved an increase in the authorised strength of the N.S.W. Fire Brigades with an additional 641 firefighters to be appointed over the next five years. An immediate increase of 179 was approved as part of that figure. This increase raised the authorised strength of the Brigade for 1983 to 2349.

Due to the limitations as to the maximum number of recruits which can be accommodated and trained at the Fire Brigade Training College at any one time, it was not possible to appoint all of the 179 new firefighters at once. A total of 82 firefighters were appointed on probation and commenced training in November, and will complete their initial training early in 1984 and should be appointed to stations in February when a further intake will commence training. It is anticipated that the entire 179 vacancies will have been filled and training completed by mid 1984.

At the end of the year, the actual strength of the permanent fire fighting staff of the N.S.W. Fire Brigades was 2236, which was 113 under authorised strength.

Volunteer Fire Fighting Staff

The Board has a long-standing agreement with the N.S.W. Fire Brigades Employees' Union to gradually phase out Volunteer Fire Fighting Staff in the Sydney Fire District. Following a review of the position in 1983, the total authorised strength of volunteer firefighters attached to stations in the Sydney Fire District was reduced from 147 to 60. The Stations which have an authorised complement of volunteer staff are Berowra (authorised 15, actual 8), Merrylands (authorised

15, actual 14), Mortdale (authorised 15, actual 14), and Rhodes (authorised 15, actual 14).

There are 55 volunteer members attached to 17 stations which do not have an authorised establishment of volunteer staff. They will remain members of the N.S.W. Fire Brigades but will not be replaced upon retirement or resignation. The actual strength will thus be reduced to the authorised strength by natural attrition.

The total authorised strength of Volunteer Brigades was increased by the formation of Brigades at Albury Civic, Denman, Delroy, Wyoming, Thredbo and Smiggin Holes and by an increase in the strength of the Wallerawang Brigade.

Awards and Commendations

The Board did not make any awards for bravery during 1983; however it did award a number of Certificates of Commendation.

Two members of the N.S.W. Fire Brigades attached to the Crows Nest Fire Station received official commendations for their efforts in helping to keep a person alive during a rescue incident at North Sydney on 23rd January.

Firefighters attached to the Albury Brigade received a commemorative plaque for their effort at an incident in July 1982 involving booby-trapped premises.

Certificates of Merit were awarded to a Station Officer and a Senior Firefighter for rescuing three gassing victims at Brighton Le Sands in February. The rescuers were themselves affected by gas and required hospital treatment.

In addition to these awards, two firefighters were awarded the N.S.W. Police Department's Certificate of Appreciation for apprehending an arsonist at the scene of a series of deliberately-set car fires.



Presentation of plaque at Albury on July 25, 1983. Left to right: Inspector Bill Reay, Acting Country Superintendent. Ray Roberts, S/O Tom Hawkrigde, Senior FF Gary Hartnett, Volunteer FF Bob Rosser, and 2/C FF Bob Holden.

Communications

A major development in communications was the commissioning in December of the F.C.V. (Fire Command Vehicle) for use at major emergencies and fires. This vehicle is fitted with sophisticated communications equipment and, apart from acting as the Command Post at emergencies, the Officer in charge assumes total control of communications at the scene. It can control both the local fireground traffic over the UHF Transceiver network, as well as that over the major radio net.

The Alexandria Control Centre continues to fulfil its role as the co-ordinating centre for all fire calls and emergencies involving the N.S.W Fire Brigades in the Sydney Metropolitan Area. During 1983, an additional 2228 streets were added to the Control Centre's Computerised Street Directory, bringing the total number of streets to 45,328. Some modifications were required to the software to accommodate the increase.

The conversion of the automatic fire alarm systems to transponder operation continued. At the beginning of the year there were 162 installations awaiting conversion and this was reduced to 31 at the end of the year.

The training of operators for the Control Centre is to be enhanced by the introduction of a computerised typing tutor. This programme will be a disk using two micro-computers installed for the purpose.

A Print-a-Call device has also been installed. This device enables persons with hearing and speech impediments utilising a similar machine from their homes to communicate or summon help.

UHF Transceivers

The second stage of the UHF Transceiver programme was completed and all inner city stations have been equipped with UHF hand-held transceivers, as have a number of the perimeter stations which have bush fire tankers. Another type of transceiver was tested during the year and the results are promising. These transceivers cost only about one third of the price of the sets currently in service. If the new sets are adopted, the programme can be completed much more rapidly than the present budget permits.

The Philips 828 Mobile Two Way Radios are being replaced with new 900 Series. This equipment has a scanning facility which continuously scans all channels and will lock on to the first transmission detected. This enables all channels to be monitored without the Officer needing to change channels constantly. The new equipment is installed in all new appliances and as the older sets are replaced.

Upgrading of the country radio network is continuing in line with the recommendations of the Communications Consultants.



Members of Campbelltown Fire Station learning how to answer their new phones from Shirley Williams, Telecom, June 1983. The station now has a new switch-board with a direct line from the local exchange and the Fire Station.



Police and Emergency Services Minister, Peter Anderson, formally hands over the Fire Command Vehicle.

Newcastle and Wollongong Control Rooms

The Newcastle Fire Station was altered and the Watchroom enlarged and upgraded with new equipment and a new switchboard console. The Centre now receives all fire calls in the 049 Telecom Telephone District, which includes Newcastle, Lake Macquarie, Maitland and the coal fields. The Centre thus co-ordinates communications for 39 N.S.W. Fire Brigades and 57 Volunteer Bush Fire Brigades. Included in the new equipment installed is a voice-activated tape recorder and an automatic street directory based on a micro-computer listing some 7500 streets.

Stations in the Newcastle and Lake Macquarie Fire Districts have now been linked by PABX which allows for direct dialling station-to-station and dispenses with the need for a switchboard operator to handle internal Brigade communications.

Wollongong Fire Station is also to be equipped with facilities to handle fire calls on the 000 emergency network for its area and also a Direct Turn Out system for Fire Brigades. Early planning has been commenced but it will be a more complex project because of the greater distance involved and the area covered by the 000 network.



Senior Officer-Electrical Barry Cooke with Newcastle's new control console under construction at Chullora Workshops.

Pocket Pagers for Volunteer Staff

Evaluation of suitable pagers were completed and tenders were called late in December for the supply of 1000 units. The pagers will have a voice facility as well as the familiar beep, and the voice overlay will permit users to hear details of the call, without being able to talk back. When the pagers become available, they will be issued to Volunteer Brigades in accordance with a pre-determined priority list.

Facsimile Equipment

A Facsimile link between the Country Administration Office in Sydney and Zone Inspector's Office in Wollongong was connected for trial and evaluation purposes. If successful, the whole of the Country Administration throughout the State could be linked by the equipment.

The Alexandria Control Centre. During 1983, 2,228 streets were added to its computerised street directory; the total is now 45,328.



Staff Training and Development

The Staff Training and Development Division continued to expand the extent and range of its activities during 1983.

One hundred and twenty-five Probationary Firefighters were appointed during 1983 and commenced their initial training at the N.S.W. Fire Brigades Training College. Forty-two of these recruits had completed their training by the end of 1983 and the remainder will complete it by February 1984.

Drill for Brigades attached to Metropolitan Fire Stations was conducted on a total of 230 days with a total of 673 attendances by various stations. In addition to this, 11 combined drills were conducted in conjunction with the Maritime Services Board as well as one Airport Emergency Exercise involving all Emergency Services.

The Division is also responsible for the conducting of Fire Brigade Examinations for all ranks as well as regular coaching classes to prepare candidates for these examinations. It also provides a variety of in-service training courses.

The second and final stage of the programme for the installation of rescue equipment and the training of staff on the use of this equipment commenced in May 1983. By the end of the year there were 60 metropolitan Brigades and 35 country equipped and trained. This was an increase of 21 metropolitan and 21 country stations over 1982.

An important development in training was the installation of an Apple II computer and ancillary equipment for training Officers in fireground tactics. The computer uses a Fire Simulator Training Programme. The software for the programme was developed by the Tyne and Wear Fire Brigade (UK) in co-operation with Bradford University. The programme consists of a number of fire situations which the computer selects at random. The user is required to provide answers to questions, such as the number and type of appliances required, water supplies, search and rescue crews and the transmission of messages to Control.

Volunteer staff are also trained by the Division and, to improve the levels of efficiency and training, twelve weekend

schools were conducted at a number of country centres. Four weekend courses in management were held at the Fire Brigade Training College for Volunteer Captains and Deputy Captains and a total of 88 members attended these courses. Training courses in practical fire fighting were also held at the Training College over four weekends and a total of 140 Captains and Volunteer Firefighters attended. An additional three Regional Training Officers were appointed and there are now 10 such Officers based at centres throughout the State.

The Staff Training and Development Division does not confine its activities solely to employees of the Board. Its Lecturing Section lectures to a wide variety of persons and organisations. In 1983, the section's Officers gave 584 lectures to the staff of organisations such as hospitals, nursing homes, government departments, schools and private firms.

An important development in the field was the launching of the Mr Cinders Programme in June. Inspector Bernie Cinders is a glove puppet, created and operated by Senior Firefighter Krimmer. Mr Cinders visited 54 Public Primary Schools, 21 Private Primary Schools, 33 Kindergartens, 3 "Handicapped" Schools and 5 Playgroups carrying the message of fire safety to a total of 30,628 children in six months.

Included in Mr Cinders' lectures are discussions on the consequence of fires in schools. As a direct result of the discussions, Firefighter Krimmer was provided with information on three specific incidents. This information was passed on to the Police for further investigation.

Mr Cinders' activities are not confined to schools and he has made some 20 appearances at displays and fetes, performed at special shows at 6 major shopping complexes and at 5 hospitals. He has also made guest appearances on a number of television shows including Romper Room, The Harry and Ralph Show and Simon Townsend's Wonder World! Advance bookings for 1984 are extremely heavy.



SFF Ian Krimmer giving the fire safety message to children, with educational display panels in the background.

Bush Fire Organisation

The Bush Fire Organisation transferred from cramped quarters at Headquarters Fire Station to the old Rozelle Fire Station, which had previously been used by Technical Services. The restoration and renovations carried out on these premises has provided the section with quarters which are both adequate and functional. The new premises were officially opened at a function attended by both Board Members and Senior Operational staff. Fire Control Officers from the Outer Sydney Local Government Councils were also invited in an endeavour to promote co-operative planning.

The 1983 Bush Fire Season was much easier than that of 1982 and only twelve Total Fire Bans were applied throughout the whole State during the year. Three of these applied to the Metropolitan area.

Hazard Reduction

Hazard Reduction Programmes were developed for four local government areas in co-operation and consultation with the local councils. Sections of the Municipalities of Manly, Willoughby, Hurstville and Parramatta were involved. The Bush Hazard Reduction Section was to carry out controlled burning hazard reductions in these areas; however, because of the extremely wet autumn and winter, this was not possible.

The Outer Sydney Bush Fire Prevention Association submitted similar programmes for the Hornsby, Baulkham Hills and Sutherland Shires and the Ku-Ring-Gai Municipality. These programmes were also severely affected by the wet weather.

Bush Fire Schools

To help promote understanding and to foster the spirit of co-operation between members of the N.S.W. Fire Brigades and the Volunteer Bush Fire Brigades, there was an interchange arrangement whereby a number of N.S.W.F.B. Officers attended the Bush Fire Council Bush Fire Training School and Volunteer Bush Fire Brigade personnel attended the Board's schools.

The Board held three specialised Training Schools at Camp Mackay during 1983 and a total of 90 members of the N.S.W. Fire Brigades and 9 members of Volunteer Bush Fire Brigades attended these schools.

General Training

The wet autumn and winter enabled members of the Board's Bush Fire Organisation to carry out a larger percentage of specialised training in bush fire fighting than might otherwise have been expected. The Section's staff visited many country centres as well as the Metropolitan and Outer Sydney regions for this purpose.

Special Response Squads

Early in the year a Bush Fire Emergency Support Plan was developed. The Plan provides for the formation of Special Response Squads to make available urgent assistance whenever and wherever required at major Bush Fire Emergencies.

The Special Response Squads comprise trained and specially selected officers and men of the N.S.W. Fire Brigades who could respond immediately when required. The Special Response Squads, or S.R.S., will work as a group under the Squad Commander, who is a senior Fire Brigade Officer, and will be despatched to any major bush fire or other emergency when requested. The squads will work for the duration of the emergency and will be quartered locally. Their relief at their stations will be provided from off-duty personnel.

The Board believes this to be a professional approach to the problem of the suppression of major bush fires, and one which will certainly enhance the performance of the N.S.W. Fire Brigades at such emergencies.

Combined Forward Control

Combined Forward Control was another concept developed during 1983 and agreement was reached with Local Government Fire Control Officers for its adoption where two or more authorities are operating at the same bush fire situation. It should promote greater harmony and co-operation between the various firefighting authorities throughout the State and help overcome inter-service jealousy and rivalry that exists in some quarters.

Officers of this Bush Fire Section have continued to represent the Board at meetings of various Bush Fire Associations in the County of Cumberland area.



Training at the bush fire camp, Camp Mackay; July 1983.

Conclusion

The Board could not fittingly conclude this report without expressing its most sincere appreciation for the assistance and co-operation it has received from various organisations and persons, including the other Emergency Services, Government Departments, Statutory Authorities and many Local Councils.

The Board also wishes to record its appreciation of the continued loyalty, devotion to duty and the co-operation displayed by all of its employees in all sections of the organisation.

The appendices of this report contain a variety of information and statistics and the Board commends these to you.



The Board of Fire Commissioners. Left to right; B.L. Lewis, W.B. Rogers, R.W. Down, (R.C. Threlfo, Chief Officer), K.K. Klugman, P.H. Gallagher, (J.R. Galbraith, Secretary), (A.C. McGrath, Assistant Secretary, Administration and Personnel), A.H. Roger, A.C. McMurtrie.

P.H. Gallagher

P.H. Gallagher



K.K. Klugman

K.K. Klugman

A.C. McMurtrie

A.C. McMurtrie

A.H. Roger

A.H. Roger

W.B. Rogers

W.B. Rogers

R.W. Down

R.W. Down

B.L. Lewis

B.L. Lewis

Auditors' Report

To the Members,
Board of Fire Commissioners of NSW

In our opinion: the accompanying financial statements comprising balance sheet, revenue and expenditure account, administration account, statement of movement on capital funds and notes, at 31 December 1983 present fairly the financial position of the Board and of the income and expenditure account for the year ended on that date in accordance with the provision of the Fire Brigades Act 1909 and the accounting principles described in note 1 of the accounts.

Arthur Young & Company.
A H Bayley, Partner
CHARTERED ACCOUNTANTS

Sydney, 6 April 1984

BALANCE SHEET

31 December 1983

	1983 \$	1982 \$
CAPITAL FUNDS		
Fire appliances and equipment fund	12,776,209	10,278,777
Real property fund	28,426,799	21,139,346
	<u>41,203,008</u>	<u>31,418,123</u>
ACCUMULATED ACCOUNTS — SURPLUS/(DEFICIT)		
Administration	350,147	(75,756)
Revenue and Expenditure	6,837,475	4,696,340
	<u>48,390,630</u>	<u>36,038,707</u>
DEBENTURES		
Payable within twelve months	802,381	725,716
Payable after twelve months	5,556,904	5,504,283
	<u>6,359,285</u>	<u>6,229,999</u>
CURRENT LIABILITIES		
Creditors and accrued expenses	2,938,206	8,256,268
Bank overdraft	1,388,419	1,718
Contributions received in advance	—	737,544
	<u>4,326,625</u>	<u>8,995,530</u>
	<u>\$59,076,540</u>	<u>\$51,264,236</u>
FIXED ASSETS		
Freehold land and buildings — at cost	23,869,495	18,453,478
Motor fire appliances — at valuation	11,452,236	10,243,013
— at cost	1,891,069	704,133
Equipment — at cost	474,915	462,317
	<u>37,687,715</u>	<u>29,862,941</u>
CURRENT ASSETS		
Cash at bank and on hand	153,289	676,402
Short term deposits	18,000,000	17,500,000
Sundry debtors and prepayments	2,284,332	2,359,030
Stocks on hand	951,204	865,863
	<u>21,388,825</u>	<u>21,401,295</u>
	<u>\$59,076,540</u>	<u>\$51,264,236</u>

The accompanying notes form part of these financial statements

Revenue and Expenditure Account

Year ended 31 December 1983

Revenue

	1983 \$	1982 \$
CONTRIBUTIONS		
New South Wales Government	12,461,852	11,226,872
Insurance companies and owners	74,667,264	67,361,232
Local Government	12,461,852	11,226,872
	<u>99,590,968</u>	<u>89,814,976</u>
OTHER INCOME		
Legacy from deceased estate	—	5,000
Comm. Govt subsidy for telephone rent	702,032	670,982
Liquidators distributions	1,203	1,463
Rent received	75,468	69,666
Sales of material and services rendered	618,765	509,068
Interest	3,655,678	3,726,343
	<u>5,053,146</u>	<u>4,982,522</u>
TOTAL REVENUE	104,644,114	94,797,498
Credited to capital funds	10,901,221	8,108,254
	<u>\$93,742,893</u>	<u>\$86,689,244</u>

Summary of Revenue and Expenditure

	1983 \$	1982 \$
Revenue	93,742,893	86,689,244
Expenditure	91,601,758	83,283,772
	<u>2,141,135</u>	<u>3,405,472</u>
Accumulated surplus brought forward	4,696,340	1,290,868
Accumulated surplus carried forward	<u>\$6,837,475</u>	<u>\$4,696,340</u>

The accompanying notes form part of these financial statements

Revenue and Expenditure Account

Year ended 31 December 1983

Expenditure

	1983	1982
	\$	\$
INTEREST ON LOANS		
Motors and buildings	848,451	658,442
SALARIES AND RELATED PAYMENTS		
Salaries of full time fire fighting staff	55,161,305	51,389,461
Salaries of volunteer firemen	4,555,354	4,273,657
Payroll tax	3,573,367	3,292,472
Superannuation	6,189,526	6,630,074
Workers compensation insurance	1,350,161	1,599,904
Clothing	1,338,027	995,230
	<u>72,167,740</u>	<u>68,180,798</u>
BUILDINGS		
Insurance	90,539	56,000
Rates — council and water	480,733	427,088
Rent payable	136,509	169,009
Repairs to fire stations and other buildings	2,375,411	1,979,611
	<u>3,083,192</u>	<u>2,631,708</u>
EQUIPMENT		
Fuel and oil	745,830	590,701
Hose — repairs and replacements	94,000	90,000
Insurance	435,177	460,416
Repairs to motor fire appliances and other equipment	4,194,425	3,173,999
Replacement of tools, minor equipment and sundry materials	1,819,979	1,071,808
	<u>7,289,411</u>	<u>5,386,924</u>
MISCELLANEOUS		
General expenses	1,559,886	1,524,755
Lighting and heating	462,386	403,624
Telephone and electric plant	688,750	934,186
Telephone, rent and charges	532,952	430,137
Travelling, cartage and freight	538,142	513,365
Training and development	1,638,848	1,111,833
	<u>5,420,964</u>	<u>4,917,900</u>
ADMINISTRATION	2,792,000	1,508,000
TOTAL EXPENDITURE	<u>\$91,601,758</u>	<u>\$83,283,772</u>

The accompanying notes form part of these financial statements

Administration Account

Year ended 31 December 1983

	1983 \$	1982 \$
CHARGES		
Charges for administration in accordance with estimates		
Sydney fire district 2.57%	1,979,753	913,289
Other fire districts 3%, 4%, 5%	812,247	594,711
	<u>\$2,792,000</u>	<u>\$1,508,000</u>
LESS EXPENDITURE		
Salaries and related payments		
Salaries	1,298,597	1,279,111
Payroll tax	79,112	76,600
Superannuation	33,160	37,951
Workers compensation	52,741	36,000
	<u>\$1,463,610</u>	<u>\$1,429,662</u>
MISCELLANEOUS		
Administrative computer	352,487	36,925
Audit fees	20,000	19,275
Bank charges and interest	45,413	42,412
Board Fees	22,154	16,961
Deputy President Fees	10,066	—
General expenses	268,224	236,496
Insurance — personal accident	12,817	1,665
Law costs	11,958	11,273
Stamp duty	—	5,662
Printing, postage and stationery	34,240	46,215
Rent	28,490	31,695
Repairs and replacements	—	425
Telephone rent and charges	32,652	32,162
Travelling	37,685	38,061
DER Survey	26,301	—
	<u>\$902,487</u>	<u>\$519,227</u>
TOTAL EXPENDITURE	<u>\$2,366,097</u>	<u>\$1,948,889</u>
Surplus/(Deficit) of charges over expenditure	425,903	(440,889)
Accumulated (deficit)/surplus brought forward	(75,756)	365,133
Accumulated surplus/(deficit) carried forward	<u>\$350,147</u>	<u>\$(75,756)</u>

The accompanying notes form part of these financial statements

Movement on Capital Funds

Year ended 31 December 1983

	1983 \$	1982 \$
FIRE APPLIANCES AND EQUIPMENT FUND		
Balance brought forward.....	10,278,777	8,566,263
Contributions.....	3,658,063	2,707,137
	<u>\$13,936,840</u>	<u>\$11,273,400</u>
Loss on disposal of motor vehicles.....	43,580	28,220
Revaluation.....	1,117,051	966,403
	<u>1,160,631</u>	<u>994,623</u>
BALANCE CARRIED FORWARD	<u><u>\$12,776,209</u></u>	<u><u>\$10,278,777</u></u>
REAL PROPERTY FUND		
Balance brought forward.....	21,139,346	15,676,303
Contributions.....	7,243,158	5,401,117
Surplus on sale.....	44,295	61,926
BALANCE CARRIED FORWARD	<u><u>\$28,426,799</u></u>	<u><u>\$21,139,346</u></u>

The accompanying notes form part of these financial statements

Notes to and forming part of the Accounts

at 31 December 1983

- These financial statements have been prepared in accordance with the historical cost convention modified by revaluations of fire appliances. Accordingly amounts presented in the balance sheet do not take into account changing money values.
- Revenue and expenditure is accounted for on a cash basis with the exception that accruals are made of the unpaid cost of goods and services received on or before 31 December 1983 and of salaries and related costs for the period to 31 December 1983 (excluding long service leave and holiday pay).
- The cost of fixed assets is recovered from contributions to the Board which are allocated to the fire appliances and equipment and real property funds.
Motor fire appliances are revalued each year by the Board to enable their value to be reduced to the estimated realisable value at the end of their respective periods of service and to facilitate accounting for transfers between districts.
- Debentures issued by the Board are secured by a first charge on all the property of the Board with the exception of appliances exempted by the provisions of the Fire Brigades Act 1909.
- Stocks on hand have been included at a valuation by officers of the Board, based on the results of physical counts of stock carried out at various locations during the year and valuing stocks at replacement cost at 31 December 1983.
- Contracts for capital expenditure.
Estimated capital expenditure which has been contracted for at balance date but not provided for

	1983 \$	1982 \$
— building programme	7,449,300	4,465,200
— motor programme	2,425,278	2,684,000
	<u>\$9,874,578</u>	<u>\$7,149,200</u>

Estimates of Expenditure for Year 1983

	\$		
1. Aberdeen	21,792	47. Coonamble	21,856
2. Albury	751,456	48. Cootamundra	21,888
3. Alstonville	25,440	49. Coraki	12,096
4. Armidale	87,808	50. Corowa	21,024
5. Ballina	30,144	51. Cowra	18,752
6. Balranald	13,792	52. Crookwell	27,328
7. Bangalow	35,968	53. Culcairn	12,512
8. Barham	17,696	54. Deniliquin	25,248
9. Barraba	10,976	55. Denman	11,424
10. Batemans Bay	28,000	56. Dorrego	13,760
11. Bathurst	145,248	57. Dubbo	148,736
12. Batlow	30,944	58. Dunedoo	10,336
13. Bega	24,576	59. Dungog	19,360
14. Bellingen	12,384	60. Eden	22,208
15. Berrigan	11,584	61. Evans Head	11,136
16. Berry	10,784	62. Finley	17,440
17. Bingara	22,368	63. Forbes	30,112
18. Blayney	17,792	64. Forster	12,800
19. Blue Mountains	890,176	65. Gilgandra	41,472
20. Boggabri	28,832	66. Glen Innes	90,976
21. Bombala	29,376	67. Gloucester	16,352
22. Boorowa	21,120	68. Gosford	1,204,352
23. Bourke	28,832	69. Goulburn	114,944
24. Bowral	33,056	70. Grafton	102,208
25. Bowraville	10,208	71. Grenfell	11,232
26. Braidwood	10,496	72. Griffith	47,328
27. Bransxton-Greta	22,304	73. Gulgong	16,000
28. Brewarrina	12,064	74. Gundagai	27,360
29. Broken Hill	643,648	75. Gunnedah	24,288
30. Brunswick Heads	26,432	76. Guyra	10,784
31. Budgewoi	42,080	77. Hay	17,984
32. Bundanoon	5,088	78. Helensburgh	36,160
33. Bundeena	19,968	79. Henty	12,000
34. Byron Bay	30,368	80. Hillston	13,024
35. Camden	108,768	81. Holbrook	14,496
36. Campbelltown	1,251,488	82. Illawarra	3,068,672
37. Canowindra	20,000	83. Inverell	65,408
38. Casino	93,152	84. Jerilderie	10,624
39. Cessnock	170,976	85. Jindabyne	40,992
40. Cobar	16,384	86. Junee	16,544
41. Coffs Harbour	101,824	87. Kandos	8,576
42. Condobolin	19,232	88. Kempsey	34,400
43. Coolah	8,576	89. Kiama	51,136
44. Coolamon	10,560	90. Kingscliff	17,760
45. Cooma	36,800	91. Kurri Kurri	150,304
46. Coonabarabran	22,272	92. Kyogle	16,352

Appendix II (continued)

93.	Lake Cargelligo.....	12,960	140.	Raymond Terrace.....	21,152
94.	Lake Macquarie.....	849,216	141.	Riverstone.....	42,656
95.	Laurieton.....	28,768	142.	Sawtell.....	20,672
96.	Leeton.....	32,960	143.	Scone.....	15,968
97.	Lightning Ridge.....	11,424	144.	Shellharbour.....	64,832
98.	Lismore.....	489,088	145.	Singleton.....	24,768
99.	Lithgow.....	173,952	146.	South West Rocks.....	23,392
100.	Lockhart.....	27,648	147.	Sydney.....	77,562,912
101.	Lower Hunter.....	66,624	148.	Tamworth.....	200,032
102.	Macksville.....	27,584	149.	Taree.....	15,456
103.	Maclean.....	38,304	150.	Tea Gardens.....	21,824
104.	Maitland.....	297,856	151.	Temora.....	19,040
105.	Manilla.....	14,272	152.	Tenterfield.....	25,088
106.	Merriwa.....	12,000	153.	Terrigal.....	15,424
107.	Mittagong.....	40,064	154.	The Entrance.....	117,184
108.	Moama.....	13,888	155.	Tocumwal.....	10,240
109.	Molong.....	18,176	156.	Toukley.....	93,984
110.	Moree.....	64,928	157.	Trangie.....	10,656
111.	Morisset.....	128	158.	Tumbarumba.....	13,408
112.	Moruya.....	26,432	159.	Turnut.....	25,888
113.	Moss Vale.....	22,304	160.	Tweed Heads.....	88,576
114.	Mudgee.....	27,136	161.	Ulladulla.....	21,056
115.	Mullumbimby.....	37,056	162.	Uralla.....	12,288
116.	Murrumburrah.....	15,360	163.	Urunga.....	19,168
117.	Murrurundi.....	16,544	164.	Wagga Wagga.....	966,848
118.	Murwillumbah.....	25,024	165.	Walcha.....	9,088
119.	Muswellbrook.....	42,528	166.	Walgett.....	19,200
120.	Nambucca Heads.....	35,488	167.	Wallerawang.....	13,056
121.	Narooma.....	64,608	168.	Warialda.....	14,944
122.	Narrabri.....	21,120	169.	Warragamba.....	12,352
123.	Narrandera.....	28,928	170.	Warren.....	18,880
124.	Narromine.....	14,368	171.	Wauchope.....	19,200
125.	Nelson Bay.....	18,816	172.	Wee Waa.....	25,696
126.	Newcastle.....	4,607,936	173.	Wellington.....	52,096
127.	Nowra.....	70,688	174.	Wentworth.....	14,496
128.	Nyngan.....	21,568	175.	Werris Creek.....	19,200
129.	Oberon.....	11,776	176.	West Wyalong.....	29,280
130.	Orange.....	187,424	177.	Windsor.....	69,408
131.	Parkes.....	47,328	178.	Wingham.....	11,616
132.	Paxton.....	12,512	179.	Woolgoolga.....	26,912
133.	Peak Hill.....	9,600	180.	Wyong.....	42,336
134.	Penrith.....	868,000	181.	Yamba.....	21,664
135.	Picton.....	19,040	182.	Yass.....	33,216
136.	Portland.....	12,864	183.	Yenda.....	9,152
137.	Port Macquarie.....	275,328	184.	Young.....	23,552
138.	Queanbeyan.....	232,096			
139.	Quirindi.....	12,672			
					TOTAL:
					\$99,694,816

Contributions by Shire and Municipal Councils, 1983

COUNCIL		CONTRIBUTION			
		\$			
1.	Albury.....	93,932.00	41.	Coonabarabran Shire.....	2,784.00
2.	Armidale.....	10,976.00	42.	Coonamble.....	2,732.00
3.	Ashfield.....	98,587.88	43.	Cootamundra Shire.....	2,736.00
4.	Auburn.....	234,714.24	44.	Corowa Shire.....	2,628.00
5.	Ballina Shire.....	6,948.00	45.	Cowra Shire.....	2,344.00
6.	Balranald Shire.....	1,724.00	46.	Crookwell Shire.....	3,416.00
7.	Bankstown.....	439,592.34	47.	Culcairn Shire.....	3,064.00
8.	Barraba Shire.....	1,372.00	48.	Deniliquin.....	3,156.00
9.	Bathurst.....	18,156.00	49.	Drummoyne.....	109,570.05
10.	Baulkham Hills Shire.....	215,875.96	50.	Dubbo.....	18,592.00
11.	Bega Valley Shire.....	5,848.00	51.	Dungog Shire.....	2,420.00
12.	Bellingen Shire.....	5,664.00	52.	Eurobodalla Shire.....	14,880.00
13.	Berrigan Shire.....	4,908.00	53.	Fairfield.....	371,912.26
14.	Bingara Shire.....	2,796.00	54.	Forbes Shire.....	3,764.00
15.	Blacktown.....	236,399.64	55.	Gilgandra Shire.....	5,184.00
16.	Bland Shire.....	3,660.00	56.	Glen Innes.....	11,372.00
17.	Blayney Shire.....	2,224.00	57.	Gloucester Shire.....	2,044.00
18.	Blue Mountains.....	111,272.00	58.	Gosford.....	152,472.00
19.	Bogan Shire.....	2,696.00	59.	Goulburn.....	14,368.00
20.	Bombala Shire.....	3,672.00	60.	Grafton.....	12,776.00
21.	Boorowa Shire.....	2,640.00	61.	Great Lakes Shire.....	4,328.00
22.	Botany.....	122,739.00	62.	Gundagai Shire.....	3,420.00
23.	Bourke Shire.....	3,604.00	63.	Gunnedah Shire.....	3,036.00
24.	Brewarrina Shire.....	1,508.00	64.	Guyra Shire.....	1,348.00
25.	Broken Hill.....	80,456.00	65.	Harden Shire.....	1,920.00
26.	Burwood.....	177,356.37	66.	Hastings.....	40,412.00
27.	Byron Shire.....	16,228.00	67.	Hawkesbury Shire.....	8,676.00
28.	Cabonne Shire.....	4,772.00	68.	Hay Shire.....	2,248.00
29.	Camden.....	13,596.00	69.	Holbrook Shire.....	1,812.00
30.	Campbelltown.....	156,436.00	70.	Holroyd.....	175,329.40
31.	Canterbury.....	299,648.15	71.	Hornsby Shire.....	286,040.03
32.	Carathool Shire.....	1,628.00	72.	Hunters Hill.....	110,331.32
33.	Casino.....	11,644.00	73.	Hurstville.....	215,618.67
34.	Cessnock.....	44,512.00	74.	Inverell Shire.....	8,176.00
35.	Cobar Shire.....	2,048.00	75.	Jerilderie Shire.....	1,328.00
36.	Coffs Harbour Shire.....	18,676.00	76.	Junee Shire.....	2,068.00
37.	Concord.....	165,630.68	77.	Kempsey Shire.....	7,224.00
38.	Coolah Shire.....	2,364.00	78.	Kiama.....	6,392.00
39.	Coolamon Shire.....	1,320.00	79.	Kogarah.....	169,544.53
40.	Cooma-Monaro Shire.....	4,600.00	80.	Ku-Ring-Gai.....	372,623.01

COUNCIL

CONTRIBUTION

81.	Kyogle Shire	2,044.00	122.	Rylstone Shire	1,072.00
82.	Lachlan Shire	4,024.00	123.	Scone Shire	4,720.00
83.	Lake Macquarie	106,168.00	124.	Shellharbour	8,104.00
84.	Lane Cove	105,025.64	125.	Shoalhaven	12,816.00
85.	Leeton Shire	4,120.00	126.	Singleton Shire	3,096.00
86.	Leichhardt	151,124.39	127.	Snowy River Shire	5,124.00
87.	Lismore	61,136.00	128.	Strathfield	104,136.09
88.	Lithgow	24,984.00	129.	Sutherland Shire	852,292.78
89.	Liverpool	188,038.75	130.	Sydney	460,240.15
90.	Lockhart Shire	3,456.00	131.	Tallaganda Shire	1,312.00
91.	Maclean Shire	7,496.00	132.	Tamworth	25,004.00
92.	Maitland	40,753.90	133.	Taree	3,384.00
93.	Manilla Shire	1,784.00	134.	Temora Shire	2,380.00
94.	Manly	133,084.54	135.	Tenterfield Shire	3,136.00
95.	Marrickville	283,741.04	136.	Tumbarumba Shire	1,676.00
96.	Merriwa Shire	1,500.00	137.	Tumut Shire	7,104.00
97.	Moree Plains Shire	8,116.00	138.	Tweed Shire	16,420.00
98.	Mosman	126,751.67	139.	Uralla Shire	1,536.00
99.	Mudgee Shire	5,392.00	140.	Wade Shire	7,060.00
100.	Murray Shire	1,736.00	141.	Wagga Wagga	120,856.00
101.	Murrumbidgee Shire	2,068.00	142.	Wakool Shire	2,212.00
102.	Muswellbrook	6,744.00	143.	Walcha Shire	1,136.00
103.	Nambucca Shire	9,160.00	144.	Walgett Shire	3,828.00
104.	Narrabri Shire	9,456.00	145.	Warren Shire	2,360.00
105.	Narrandera Shire	3,616.00	146.	Warrangah Shire	905,558.74
106.	Narromine Shire	3,128.00	147.	Waverley	163,805.74
107.	Newcastle	579,651.80	148.	Weddin Shire	1,404.00
108.	North Sydney	203,739.42	149.	Wellington Shire	6,512.00
109.	Oberon Shire	1,472.00	150.	Wentworth Shire	1,812.00
110.	Orange	23,428.00	151.	Willoughby	485,950.43
111.	Parkes Shire	7,116.00	152.	Wingecaribee Shire	12,564.00
112.	Parramatta	622,534.92	153.	Wollondilly Shire	3,924.00
113.	Parry Shire	2,400.00	154.	Wollongong	388,104.
114.	Penrith	108,500.00	155.	Woollahra	268,139.74
115.	Port Stephens Shire	6,142.30	156.	Wyong Shire	36,948.00
116.	Queanbeyan	29,012.00	157.	Yallaroi Shire	1,868.00
117.	Quirindi Shire	1,584.00	158.	Yass Shire	4,152.00
118.	Randwick	326,201.17	159.	Young Shire	2,944.00
119.	Richmond River Shire	2,904.00			
120.	Rockdale	261,861.50			
121.	Ryde	259,451.76			
					<hr/>
					\$12,461,852.00

Insurance Companies — 1983 List

1. A.C.I. Insurances Pty Ltd.
2. A.G.C. (Insurances) Ltd.
3. A.M.P. Fire & General Insurance Co. Ltd.
4. A.P.A. Fire & General Insurance Co. Ltd.
5. Accident Insurance Mutual Ltd.
6. Victor Aghion & Sons Pty Ltd — London Companies.
7. Victor Aghion & Sons Pty Ltd — Other Companies.
8. Allianz Insurance Co. Ltd.
9. American Home Assurance Co.
10. American Reinsurance Co.
11. Anglican Insurance Ltd.
12. Ansvar Australia Insurance Ltd.
13. Associated National Insurance Co. Ltd.
14. Atlantica Insurance Co. Ltd.
15. Australian American Assurance Co. Ltd.
16. Australian Community Insurance Co. Ltd.
17. Australian Eagle Insurance Co. Ltd.
18. Australian Insurance Brokers Ltd.
19. Australian Marine Underwriting Agency Pty Ltd.
20. Australian Natives Association Insurance Co. Ltd.
21. Australian Reinsurance Co. Ltd.
22. Baillieu Bowring (Reinsurance) Pty Ltd.
23. Baillieu Bowring Marsh and McLennan Pty Ltd.
24. Bain Dawes Australia Pty Ltd. (Northern Division)
25. Bain Dawes Reinsurance Pty Ltd.
26. Baltica-Skandinavia Insurance Co.
27. Robert Barrow (Australia) Pty Ltd.
28. Beneficial Insurance Co. Ltd.
29. Bishopsgate Insurance Australia Ltd.
30. C.G.A. Fire & Accident Insurance Co. Ltd.
31. Carlingford Australia Insurance Co. Ltd.
32. Catholic Church Insurance Co. Ltd.
33. Chamber of Manufactures Insurance Ltd.
34. China Underwriters Life & General Insurance Co. Ltd.
35. Chiyoda Fire & Marine Insurance Co.
36. Citigeneral Insurance Australia Ltd.
37. City Mutual General Insurance Ltd.
38. T.P. Clark & Chapman (Reinsurance) Pty Ltd.
39. Cologne Reinsurance Co.
40. Colonial Mutual General Insurance Co. Ltd.
41. Commercial Risk Specialists (Australia) Pty Ltd.
42. Commercial Union Australia Group of Insurance Companies
43. Commonwealth Savings Bank of Australia.
44. Commonwealth Trading Bank of Australia.
45. Co-Operative Insurance Co. of Australia Ltd.
46. Copenhagen Reinsurance Co. (Australia) Ltd.
47. Crest Insurance Co. of Australia Ltd.
48. Crusader Insurance Co. of Australia Ltd.
49. Cumis Insurance Society.
50. Defence Service Homes Corporation.
51. Employers Mutual Indemnity Association Ltd.
52. Excelsior Insurance Pty Ltd.
53. F.A.I. Insurance Group.
54. Farmers & Graziers Co-Operative Co. Ltd.
55. Federation Insurance Ltd.
56. Finn Foster & Associates Pty Ltd.
57. Fire Underwriting (Agencies) Pty Ltd.
58. F.M. Insurance Co. Ltd.
59. Forskringsakieselskapet Vesta.
60. General Accident Fire & Life Assurance Corp.
61. Gerling Global Reinsurance Co. Australian Branch.
62. Government Insurance Office of N.S.W.
63. Grand Union Insurance (Consultants) Pty Ltd.
64. Greater Midwest Insurance Ltd.
65. G.R.E. Insurance Ltd.
66. Guild Insurance Co. Ltd.
67. Frank B. Hall & Co. Australia Pty Ltd.
68. Frank B. Hall Reinsurance (Pacific) Pty Ltd.
69. Halliday & Nicholas
70. Hallmark General Insurance Co. Ltd.
71. Hartford Fire Insurance Co.
72. C.E. Heath Insurance Broking (Australia) Pty Ltd.
73. C.E. Heath Underwriting & Insurance (Australia) Pty Ltd.
74. Hematite Insurances Pty Ltd.
75. Hogg Robinson C.C.L. Pty Ltd.
76. Home Owners Insurance Pty Ltd.
77. Alexander Howden Insurance Brokers (Australia) Pty Ltd.
78. Hudig Langeveldt Pty Ltd.
79. I.C. Insurance Australia Ltd.
80. Insurance Co. of North America (Australia) Ltd.
81. Insurance Corporation of Ireland Ltd.
82. Intercontinental Reinsurance (Pacific) Pty Ltd.
83. International Specialist Underwriters Ltd.
84. Inverness Insurance Ltd.
85. Jardine Glanville Insurance Brokers Pty Ltd.
86. Jardine Thompson Graham Pty Ltd.
87. Kemper Insurance Co. Ltd.
88. Brian Leask Underwriting Agencies.
89. Legal & General Insurance of Australia Ltd.
90. Lombard Insurance Co. (Australia) Ltd.
91. Lowndes Lambert Australia Insurances Ltd.
92. Edward Lumley (Australia) Pty Ltd — N.S.W. Branch.
93. Edward Lumley (Australia) Pty Ltd — Qld. Branch.
94. Edward Lumley (Australia) Pty Ltd — Adelaide Branch.
95. Edward Lumley (Australia) Pty Ltd — Victorian Branch.
96. Edward Lumley (Brokers) Ltd. — N.S.W. Branch.
97. L'Union Des Assurances De Paris I.A.R.D.
98. M.L.C. Fire & General Insurance Co. Pty. Ltd.
99. MacKinnon McErlane Marine Pty Ltd.
100. Manufacturers Mutual Insurance Ltd.
101. Mercantile & General Reinsurance Co. of Australia Ltd.
102. Mercantile Mutual Insurance Co. Ltd.
103. Minet Australia Ltd.
104. Monarch Insurance Co. Ltd.
105. Motor Accident Mutual Insurance Pty Ltd.
106. Munich Management Pty Ltd.
107. Munich Reinsurance Co. of Australia Ltd.
108. Mutual Acceptance (Insurance) Ltd.
109. N.R.G. London Reinsurance Co. Ltd.
110. N.R.M.A. Insurance Ltd.
111. N.S.W. General Insurance Co. Pty Ltd.
112. National & General Insurance Co. Ltd.
113. National Employers Mutual General Insurance Association Ltd.

Appendix IV — Part A (continued)

114. National Insurance Co. of New Zealand Ltd.
115. Neuchatel Swiss General Insurance Co. Ltd.
116. New India Insurance Co. Ltd.
117. New Reinsurance Geneva Pty Ltd.
118. New Zealand Insurance Co. Ltd.
119. Nippon Fire & Marine Insurance Co. Ltd.
120. Norwich Winterthur Insurance (Australia) Ltd.
121. Oak Insurance Ltd.
122. Orion Insurance Co. Ltd.
123. Pan Australian Insurance Ltd.
124. Penn Insurance Broking Group Pty Ltd.
125. Phoenix Prudential of Australia Ltd.
126. Preservatrice Skandia Insurance Ltd.
127. Provincial Insurance Co. Ltd.
128. Prudential Cornhill Assurance Co. of Australia Ltd.
129. Q.B.E. Insurance Ltd.
130. Reed Stenhouse Marketing (Australia) Ltd.
131. Reinsurance Co. of Australasia Ltd.
132. Rossfield Insurance Corporation Ltd.
133. Scor Re Australia Ltd.
134. Royal Insurance Australia Ltd.
135. Security & General Insurance Co. Ltd.
136. Sedgwick Pty Ltd.
137. Sedgwick Pty Ltd (other than Lloyds)
138. Sentry Insurance (Australasia) Ltd.
139. Sirius Insurance Co. Ltd.
140. Societe Commerciale De Reinsurance.
141. South British Insurance Co. Ltd.
142. Southern Cross Insurance Pty Ltd.
143. Southern Cross Underwriting Pty Ltd.
144. Sphere Drake Underwriting (Australia) Ltd.
145. State Government Insurance Commission.
146. State Government Insurance Office — Queensland.
147. Steeves Agnew (Australia) Pty Ltd.
148. Stewart Wrightson Australia Ltd (N.S.W. — non Lloyds)
149. Stewart Wrightson (Reinsurance Brokers) Pty Ltd.
150. Stronghold Insurance (Aust.) Ltd.
151. Sumitomo Marine & Fire Insurance Co. Ltd.
152. Sun Alliance Insurance Ltd.
153. Swann Insurance Ltd.
154. Switzerland General Insurance Co. Ltd.
155. T. & G. Fire & General Insurance Co. Ltd.
156. Taisho Marine & Fire Insurance Co. Ltd.
157. Tokio Marine & Fire Insurance Co. Ltd.
158. Traders Prudent Insurance Co. Ltd.
159. Trans-Pacific Insurance Co. (Australia) Ltd.
160. Transport Industries Insurance Co. Ltd.
161. Union Assurance Society of Australia Ltd.
162. Union Reinsurance Co.
163. V.A.C.C. Insurance Co. Ltd.
164. Vanguard Insurance Co. Ltd.
165. Vavasseur Pacific Insurances Pty Ltd.
166. Victory Reinsurance Co. of Australia Ltd.
167. Vigilant Insurance Co.
168. J.H. Wackerbarth (Australasia) Pty Ltd.
169. Wagland Salter & Associates Pty Ltd.
170. Wigham Poland Pty Ltd.
171. Willis Faber Johnson & Higgins Pty Ltd.
172. Yasuda Fire & Marine Insurance Co. Ltd.

Appendix IV — Part B

Owners — 1983 List

1. Alcan Australia Ltd.
2. B.P. Australia Ltd.
3. Caltex Oil (Australia) Pty Ltd.
4. Coca Cola Export Corp.
5. Comalco Aluminium Ltd.
6. Digital Equipment Australia Pty Ltd.
7. Dow Chemical (Australia) Ltd.
8. Eimco Australia Pty Ltd.
9. Gilbarco Australia Ltd.
10. Golden Fleece Petroleum Ltd.
11. I.B.M. Australia Ltd.
12. Magnus Goldring Pty Ltd.
13. M.I.M. Holdings Ltd.
14. Morgan Equipment (Australia) Pty Ltd.
15. Nestle (Australia) Ltd.
16. Phillips Australia Chemical Pty Ltd.
17. Philips Industries Holdings Ltd.
18. P.D.S. Rural Products Ltd.
19. Provident & Pensions Holdings Proprietary Ltd.
20. Revlon (Australia) Pty Ltd.
21. Shell Co. of Australia Ltd.
22. Shell Chemical (Australia) Pty Ltd.
23. Shell — B.H.P. Autogas Pty Ltd.
24. Shell Refining (Australia) Pty Ltd.
25. Smith, Kline and French Laboratories (Aust.) Ltd.
26. Spraypave Pty Ltd.
27. Stauffer Australia Ltd.
28. Weyerhaeuser (Australia) Pty Ltd.

Appendix V

Attendance at Board Meetings for Year 1983

	Present	Absent			
William Lewis			Alexander Campbell McMurtie	21	2 (Leave of Absence)
Weston (Resigned 10th May, 1983)	6	1 (Leave of Absence)	Alexander Harold Roger	21	2 (Leave of Absence)
Philip Herbert Gallagher (Appointed 17th October, 1983)	3		Warwick Bruce Rogers	23	
Kristine Kay Klugman	23				
Reginald Wilfred Down	23				
Barry Leslie Lewis	21	2 (Leave of Absence)			
Ordinary Meetings	22		Extraordinary Meetings	1	TOTAL 23

Appendix VI

Fire Statistics, etc. Fire Calls for the Year 1983

	Sydney and Suburbs	Country Fire Districts	Total
Fires/Other Emergencies.....	20,967	10,392	31,359
False Alarms	18,938	5,365	24,303
Total	39,905	15,757	55,662

Comparison of Calls — Years 1974 to 1983

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Fires	25,704	25,989	24,214	32,382	21,736	37,504	39,568	35,812	47,949	31,354
False Alarms	19,332	19,038	19,767	21,713	21,904	15,673	23,686	20,653	29,186	24,303
Total	45,036	45,027	43,981	54,095	43,640	53,177	63,254	56,465	77,135	55,662

Appendix VII

Staff

Permanent Brigade

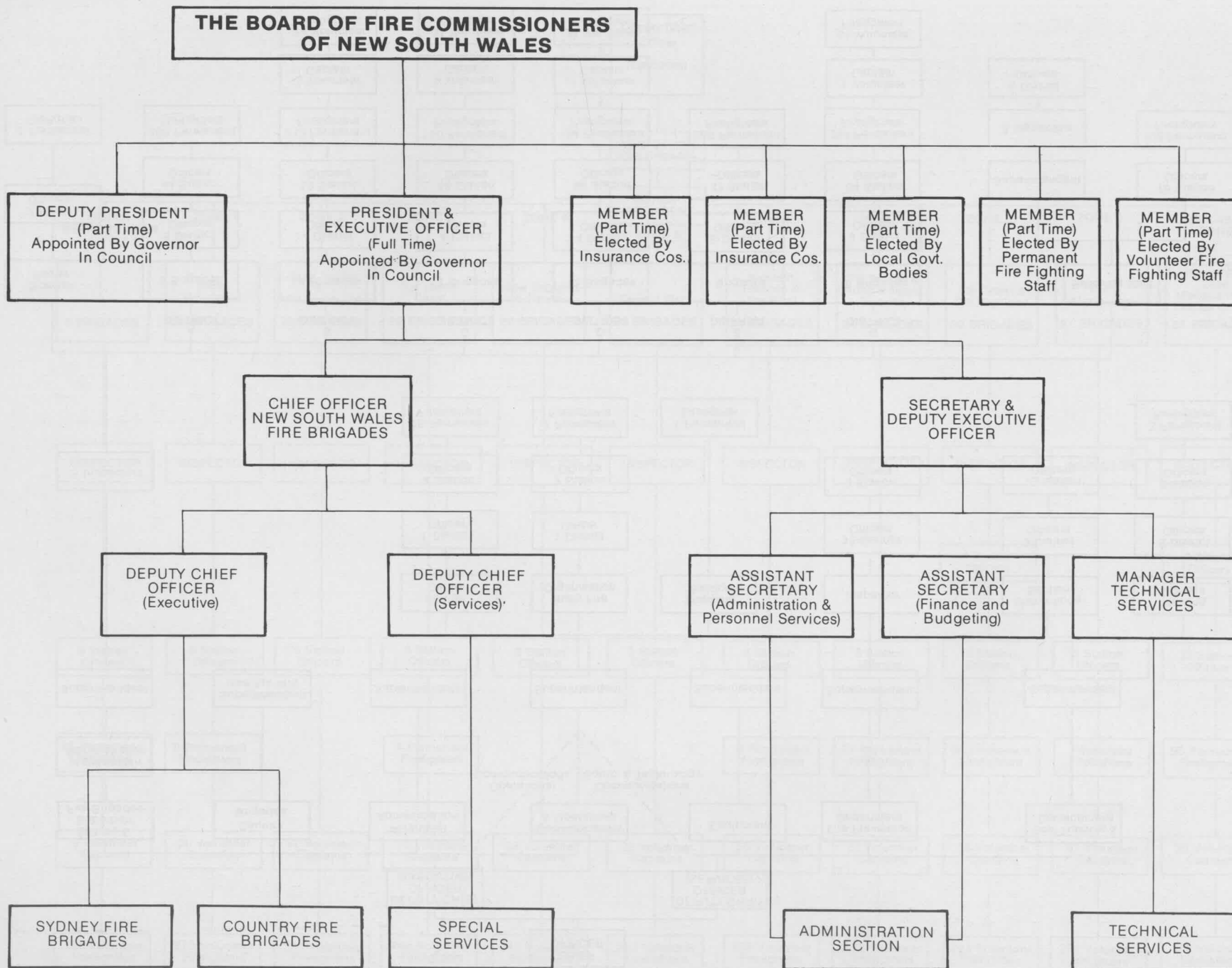
Chief Officer	1
Deputy Chief Officers	2
Superintendents	8
Inspectors & Resident Country Inspectors	18
District Officers	73
Station Officers	493
Permanent Firefighters	1,754
Authorised strength	2,349
Actual strength	2,234
Under strength	115

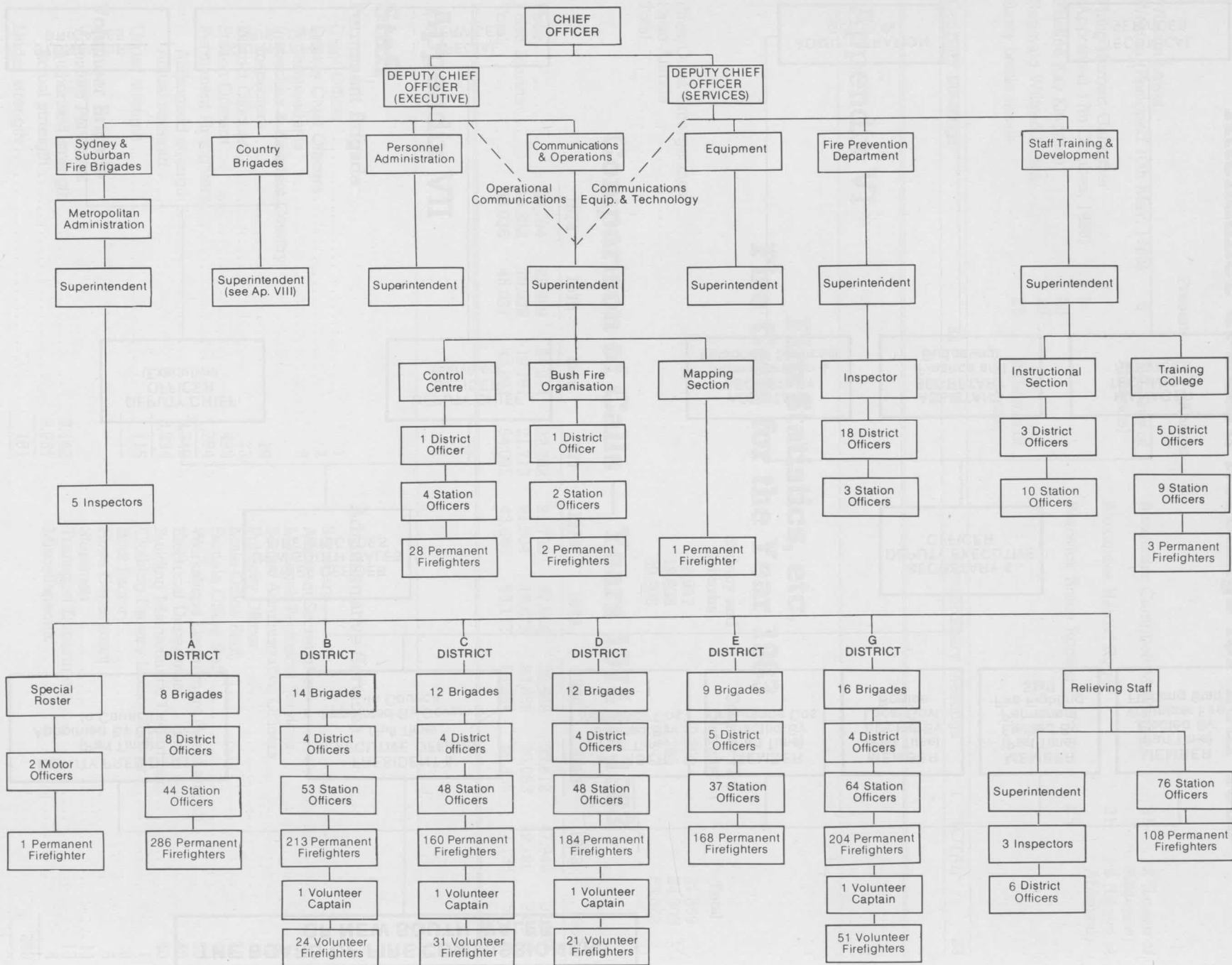
Volunteer Brigade

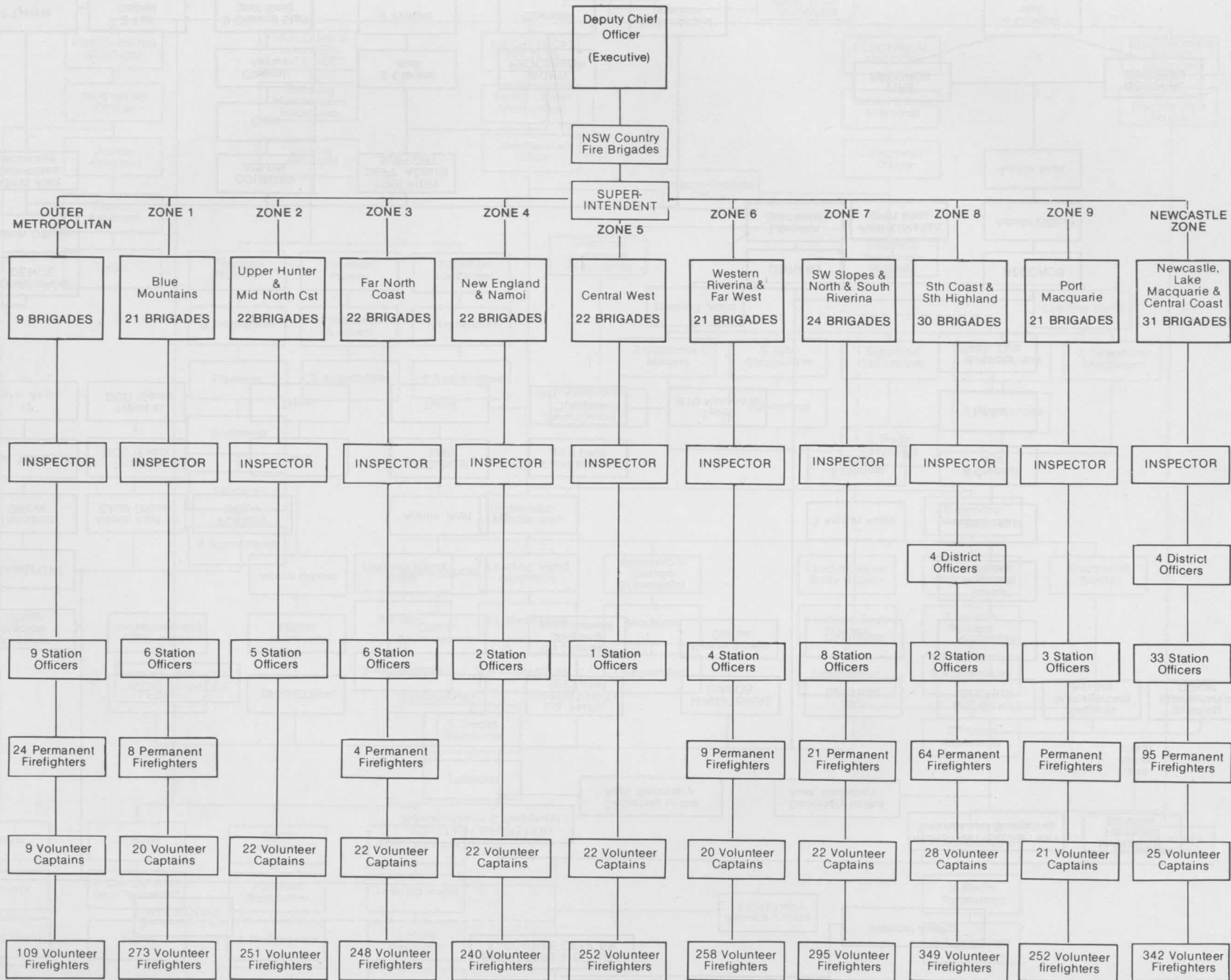
Volunteer Personnel	
Authorised strength	3,142
Actual strength	2,981
Under strength	161

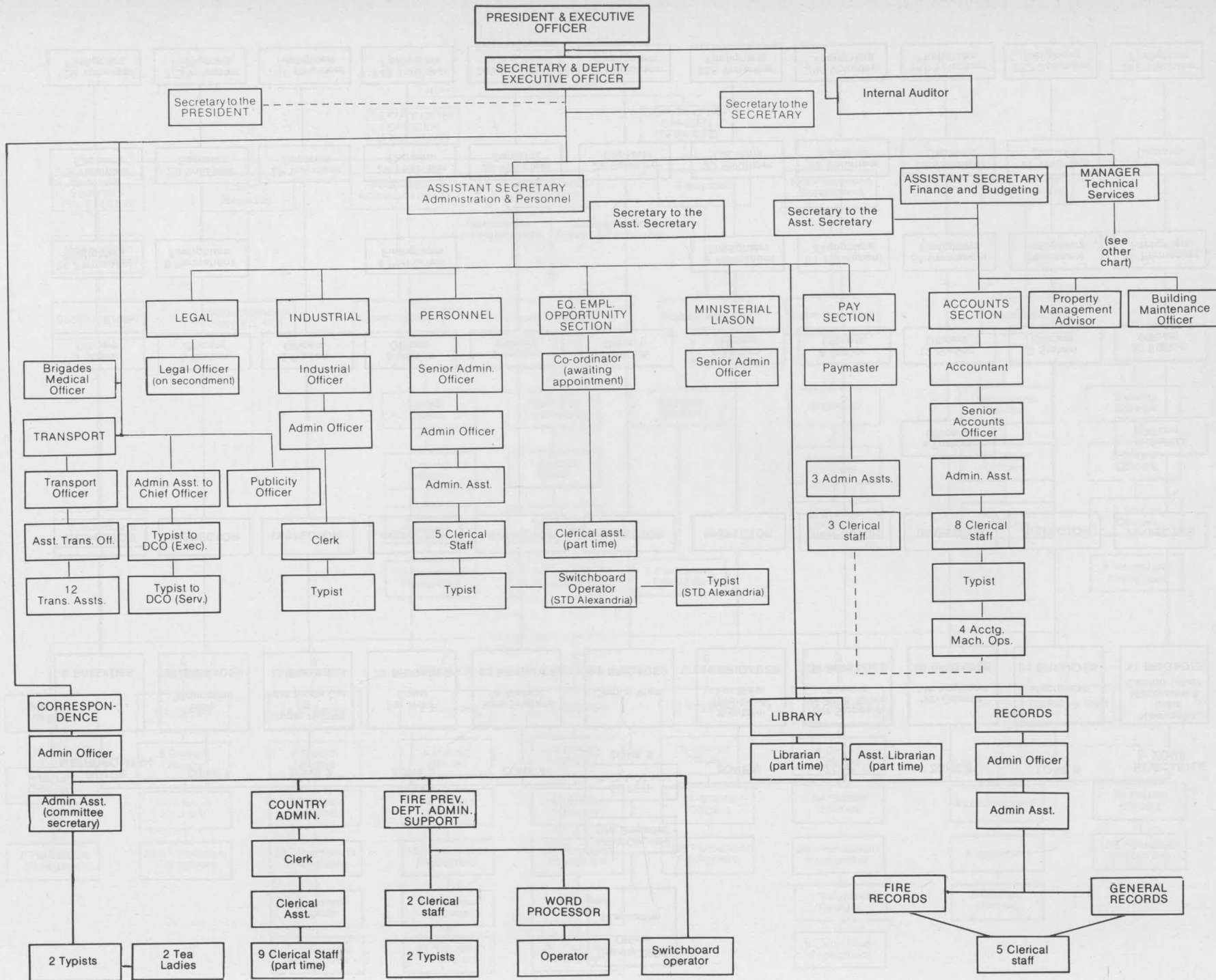
Administrative Services

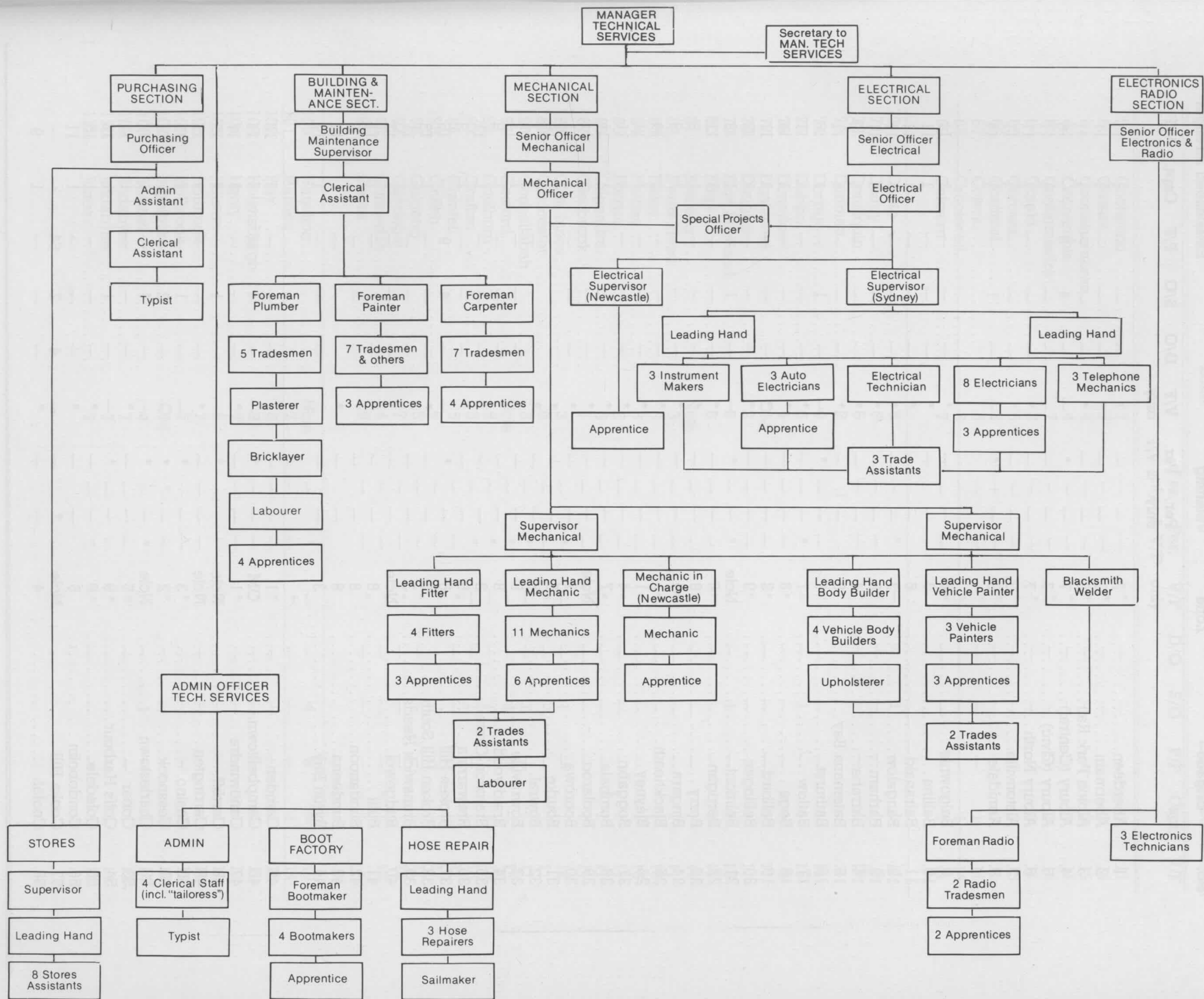
Secretary	1
Assistant Secretaries	2
Manager Technical Services	1
Senior Administrative Officers	12
Publicity Officer	1
Male Office Staff	25
Female Office Staff	42
Workshops Department (Mechanical)	50
Electrical Department	45
Building Maintenance Department	40
Clothing Factory Liaison Officer	1
Boot Factory	6
Hose Department	5
Storemen	11
Transport Department	13
Miscellaneous	4
	259











Appendix IX

No.	Brigade	Zone	Staffing			Established Strength				
			Per. only	Per. & V/F	V/F only	D/O	S/O	P/F	Capt.	V/F
1.	Aberdeen.....	2	—	—	*	—	—	—	1	11
2.	Abermain.....	2	—	—	*	—	—	—	1	11
3.	Albion Park Rail.....	8	—	—	*	—	—	—	1	11
4.	Albury (Central).....	7	—	*	—	—	4	8	—	18
5.	Albury (Civic).....	7	—	—	—	—	—	—	1	11
6.	Albury North.....	7	—	—	*	—	—	—	1	11
7.	Alstonville.....	3	—	—	*	—	—	—	1	11
8.	Armidale.....	9	—	*	—	—	1	—	1	14
9.	Balgownie.....	8	—	—	*	—	—	—	1	11
10.	Ballina.....	3	—	—	*	—	—	—	1	11
11.	Balranald.....	6	—	—	*	—	—	—	1	11
12.	Bangalow.....	3	—	—	*	—	—	—	1	11
13.	Barham.....	6	—	—	*	—	—	—	1	11
14.	Barraba.....	4	—	—	*	—	—	—	1	9
15.	Batemans Bay.....	8	—	—	*	—	—	—	1	11
16.	Bathurst.....	1	—	*	—	—	1	—	1	15
17.	Batlow.....	7	—	—	*	—	—	—	1	11
18.	Bega.....	8	—	—	*	—	—	—	1	14
19.	Bellbird.....	2	—	—	*	—	—	—	1	11
20.	Bellingen.....	9	—	—	*	—	—	—	1	13
21.	Belmont.....	Ncle	—	*	—	—	1	—	1	13
22.	Berrigan.....	6	—	—	*	—	—	—	1	11
23.	Berry.....	8	—	—	*	—	—	—	1	9
24.	Bingara.....	4	—	—	*	—	—	—	1	9
25.	Blackheath.....	1	—	—	*	—	—	—	1	14
26.	Blayney.....	1	—	—	*	—	—	—	1	11
27.	Boggabri.....	4	—	—	*	—	—	—	1	11
28.	Bombala.....	7	—	—	*	—	—	—	1	11
29.	Boolaroo.....	Ncle	—	—	*	—	—	—	1	11
30.	Boorowa.....	7	—	—	*	—	—	—	1	11
31.	Bourke.....	5	—	—	*	—	—	—	1	14
32.	Bowral.....	8	—	—	*	—	—	—	1	11
33.	Bowraville.....	9	—	—	*	—	—	—	1	11
34.	Braidwood.....	8	—	—	*	—	—	—	1	9
35.	Branxton-Greta.....	2	—	—	*	—	—	—	1	11
36.	Brewarrina.....	5	—	—	*	—	—	—	1	9
37.	Broken Hill.....	6	—	*	—	—	4	9	—	15
38.	Broken Hill South.....	6	—	—	*	—	—	—	1	13
39.	Brunswick Heads.....	3	—	—	*	—	—	—	1	11
40.	Budgewoi.....	Ncle	—	—	*	—	—	—	1	11
41.	Bulli.....	8	—	—	*	—	1	—	1	11
42.	Bundanoon.....	8	—	—	*	—	—	—	1	9
43.	Bundeena.....	8	—	—	*	—	—	—	1	11
44.	Byron Bay.....	3	—	—	*	—	—	—	1	11
45.	Camden.....	1	—	—	*	—	—	—	1	13
46.	Campbelltown.....	OM	—	*	—	—	4	16	1	14
47.	Canowindra.....	1	—	—	*	—	—	—	1	11
48.	Cardiff.....	Ncle	—	*	—	—	1	—	1	13
49.	Carrington.....	Ncle	—	—	*	—	—	—	1	11
50.	Casino.....	3	—	*	—	—	1	—	1	13
51.	Cessnock.....	2	—	*	—	—	2	—	1	14
52.	Charlestown.....	Ncle	—	*	—	—	4	—	1	12
53.	Cobar.....	5	—	—	*	—	—	—	1	11
54.	Coffs Harbour.....	9	—	*	—	—	1	—	1	15
55.	Coledale.....	8	—	—	*	—	—	—	1	15
56.	Condobolin.....	5	—	—	*	—	—	—	1	11
57.	Cooks Hill.....	Ncle	*	—	—	4	7	64	—	—
58.	Coolah.....	4	—	—	*	—	—	—	1	9

Appendix IX (continued)

No.	Brigade	Zone	Staffing			Established Strength					
			Per. only	Per. & V/F	V/F only	D/O	S/O	P/F	Capt.	V/F	
59.	Coolamon.....	7	—	—	*	—	—	—	1	11	
60.	Cooma	7	—	—	*	—	—	—	1	14	
61.	Coonabarabran	4	—	—	*	—	—	—	1	11	
62.	Coonamble	4	—	—	*	—	—	—	1	11	
63.	Cootamundra	7	—	—	*	—	—	—	1	14	
64.	Coraki.....	3	—	—	*	—	—	—	1	11	
65.	Corowa.....	6	—	—	*	—	—	—	1	13	
66.	Corrimal.....	8	—	—	*	—	—	—	1	11	
67.	Cowra.....	5	—	—	*	—	—	—	1	11	
68.	Crookwell.....	8	—	—	*	—	—	—	1	14	
69.	Culcairn	7	—	—	*	—	—	—	1	11	
70.	Dapto	8	—	*	—	—	1	—	1	11	
71.	Delroy	5	—	—	*	—	—	—	1	9	
72.	Deniliquin.....	6	—	—	*	—	—	—	1	15	
73.	Denman	2	1								
74.	Dorrigo.....	9	—	—	*	—	—	—	1	11	
75.	Dubbo.....	5	—	*	—	—	1	—	1	16	
76.	Dunedoo.....	4	—	—	*	—	—	—	1	9	
77.	Dunheved.....	OM	—	—	*	—	—	—	1	11	
78.	Dungog.....	2	—	—	*	—	—	—	1	11	
79.	East Maitland	2	—	*	—	—	1	—	1	13	
80.	Eden	8	—	—	*	—	—	—	1	11	
81.	Ettalong	Ncle	—	—	*	—	—	—	1	11	
82.	Evans Head.....	3	—	—	*	—	—	—	1	11	
83.	Finley.....	6	—	—	*	—	—	—	1	13	
84.	Forbes.....	5	—	—	*	—	—	—	1	13	
85.	Forster.....	2	—	—	*	—	—	—	1	11	
86.	Gilgandra.....	5	—	—	*	—	—	—	1	11	
87.	Glenbrook	1	—	—	*	—	—	—	1	11	
88.	Glen Innes.....	3	—	*	—	—	1	—	1	14	
89.	Gloucester.....	9	—	—	*	—	—	—	1	11	
90.	Goonellabah	3	—	*	—	—	1	—	1	11	
91.	Gosford.....	Ncle	—	*	—	—	4	20	—	15	
92.	Goulburn	8	—	*	—	—	1	—	1	19	
93.	Grafton	3	—	*	—	—	1	—	1	15	
94.	Grenfell.....	5	—	—	*	—	—	—	1	11	
95.	Griffith.....	6	—	—	*	—	—	—	1	17	
96.	Gulgong	5	—	—	*	—	—	—	1	11	
97.	Gundagai.....	7	—	—	*	—	—	—	1	14	
98.	Gunnedah	4	—	—	*	—	—	—	1	14	
99.	Guyra	9	—	—	*	—	—	—	1	9	
100.	Hamilton.....	Ncle	—	*	—	—	4	8	—	10	
101.	Harden	7	—	—	*	—	—	—	1	14	
102.	Hay	6	—	—	*	—	—	—	1	13	
103.	Helensburgh	8	—	—	*	—	—	—	1	11	
104.	Henty.....	7	—	—	*	—	—	—	1	11	
105.	Hillston	6	—	—	*	—	—	—	1	11	
106.	Holbrook	7	—	—	*	—	—	—	1	11	
106.	Holbrook	7	—	—	*	—	—	—	1	11	
107.	Ingelburn	OM	*	—	*	—	—	—	1	11	
108.	Inverell	4	—	*	—	—	1	—	1	14	
109.	Jindabyne.....	7	—	—	*	—	—	—	1	11	
110.	Jindabyne.....	7	—	—	*	—	—	—	1	11	
111.	Junee.....	7	—	*	*	—	—	—	1	14	

Appendix IX (continued)

No.	Brigade	Zone	Staffing			Established Strength				
			Per. only	Per. & V/F	V/F only	D/O	S/O	P/F	Capt.	V/F
112.	Kandos	1	—	—	*	—	—	—	1	9
113.	Katoomba	1	—	*	—	—	4	8	—	14
114.	Kearsley	2	—	—	*	—	—	—	1	9
115.	Kempsey	9	—	—	*	—	—	—	1	13
116.	Kiama	8	—	—	*	—	—	—	1	11
117.	Killarney Vale	Ncle	—	—	*	—	—	—	1	11
118.	Kingscliff	3	—	—	*	—	—	—	1	11
119.	Kurri Kurri	2	—	—	*	—	—	—	1	12
120.	Kyogle	3	—	—	*	—	—	—	1	11
121.	Lake Cargelligo	6	—	—	*	—	—	—	1	9
122.	Lambton	Ncle	—	—	*	—	—	—	1	9
123.	Laurieton	9	—	—	*	—	—	—	1	11
124.	Lawson	1	—	—	*	—	—	—	1	11
125.	Leeton	6	—	—	*	—	—	—	1	13
126.	Leura	1	—	—	*	—	—	—	1	11
127.	Lightning Ridge	4	—	—	*	—	—	—	1	11
128.	Lismore	3	—	*	—	—	2	4	1	14
129.	Lithgow	1	—	*	—	—	2	—	1	15
130.	Littleton	1	—	—	*	—	—	—	1	11
131.	Lockhart	6	—	—	*	—	—	—	1	11
132.	Macksville	9	—	—	*	—	—	—	1	11
133.	Maclean	3	—	—	*	—	—	—	1	11
134.	Macquarie Fields	OM	—	—	*	—	—	—	1	11
135.	Maitland	2	—	*	—	—	2	—	1	14
136.	Manilla	4	—	—	*	—	—	—	1	11
137.	Merewether	Ncle	—	—	*	—	—	—	1	11
138.	Merriwa	4	—	—	*	—	—	—	1	11
139.	Mittagong	8	—	—	*	—	—	—	1	11
140.	Moama	6	—	—	*	—	—	—	1	11
141.	Molong	5	—	—	*	—	—	—	1	11
142.	Moree	4	—	—	*	—	—	—	1	14
143.	Morpeth	2	—	—	*	—	—	—	1	11
144.	Moruya	8	—	—	*	—	—	—	1	11
145.	Moss Vale	8	—	—	*	—	—	—	1	11
146.	Mount Victoria	1	—	—	*	—	—	—	1	9
147.	Mudgee	5	—	—	*	—	—	—	1	11
148.	Mullumbimby	3	—	—	*	—	—	—	1	13
149.	Murrurundi	4	—	—	*	—	—	—	1	11
150.	Murwillumbah	3	—	—	*	—	—	—	1	13
151.	Muswellbrook	2	—	—	*	—	—	—	1	13
152.	Nambucca Heads	9	—	—	*	—	—	—	1	11
153.	Narooma	8	—	—	*	—	—	—	1	11
154.	Narrabri	4	—	—	*	—	—	—	1	11
155.	Narrandera	6	—	—	*	—	—	—	1	13
156.	Narromine	5	—	—	*	—	—	—	1	11
157.	Nelson Bay	2	—	—	*	—	—	—	1	11
158.	New Lambton	Ncle	—	—	*	—	—	—	1	14
159.	Nowra	8	—	—	*	—	—	—	1	14
160.	Nyngan	5	—	—	*	—	—	—	1	12
161.	Oberon	1	—	—	*	—	—	—	1	9
162.	Orange	1	—	*	—	—	1	—	1	19
163.	Parkes	5	—	—	*	—	—	—	1	13
164.	Paxton	2	—	—	*	—	—	—	1	9
165.	Peak Hill	5	—	—	*	—	—	—	1	9
166.	Penrith	OM	—	*	—	—	4	8	—	19
167.	Picton	1	—	—	*	—	—	—	1	11
168.	Port Kembla	8	—	*	—	—	4	8	—	11
169.	Portland	—	—	—	*	—	—	—	1	11
170.	Port Macquarie	9	—	*	—	—	1	—	1	15
171.	Queanbeyan	7	—	*	—	—	1	—	1	19

Appendix IX (continued)

No.	Brigade	Zone	Staffing			Established Strength				
			Per. only	Per. & V/F	V/F only	D/O	S/O	P/F	Capt.	V/F
172.	Quirindi.....	4	—	—	*	—	—	—	1	9
173.	Raymond Terrace.....	2	—	—	*	—	—	—	1	11
174.	Richmond.....	OM	—	—	*	—	—	—	1	11
175.	Riverstone.....	OM	—	—	*	—	—	—	1	11
176.	St. Marys.....	OM	—	*	—	—	1	—	1	11
177.	Sawtell.....	9	—	—	*	—	—	—	1	12
178.	Scarborough.....	8	—	—	*	—	—	—	1	11
179.	Scone.....	2	—	—	*	—	—	—	1	11
180.	Singleton.....	2	—	—	*	—	—	—	1	13
181.	Smiggin Holes.....	7	—	—	*	—	—	—	1	11
182.	South Grafton.....	3	—	—	*	—	—	—	1	11
183.	South West Rocks.....	9	—	—	*	—	—	—	1	11
184.	Springwood.....	1	—	—	*	—	—	—	1	15
185.	Stockton.....	Ncle	—	—	*	—	—	—	1	11
186.	Swansea.....	Ncle	—	—	*	—	—	—	1	11
187.	Tamworth.....	4	—	*	—	—	1	—	1	14
188.	Taree.....	9	—	—	*	—	—	—	1	18
189.	Tarro.....	Ncle	—	—	*	—	—	—	1	11
190.	Tea Gardens.....	2	—	—	*	—	—	—	1	11
191.	Telarah.....	2	—	—	*	—	—	—	1	11
192.	Temora.....	6	—	—	*	—	—	—	1	14
193.	Tenterfield.....	4	—	—	*	—	—	—	1	11
194.	Teralba.....	Ncle	—	—	*	—	—	—	1	11
195.	Terrigal.....	Ncle	—	—	*	—	—	—	1	11
196.	The Entrance.....	Ncle	—	*	—	—	1	—	1	11
197.	Thirroul.....	8	—	—	*	—	—	—	1	11
198.	Thredbo.....	7	—	—	*	—	—	—	1	12
199.	Tighes Hill.....	Ncle	—	*	—	—	4	8	—	6
200.	Tocumwal.....	6	—	—	*	—	—	—	1	13
201.	Toronto.....	Ncle	—	—	*	—	—	—	1	13
202.	Toukley.....	Ncle	—	—	*	—	—	—	1	11
203.	Trangie.....	5	—	—	*	—	—	—	1	11
204.	Tumbarumba.....	7	—	—	*	—	—	—	1	11
205.	Tumut.....	7	—	—	*	—	—	—	1	14
206.	Turvey Park.....	7	—	*	—	—	4	13	—	15
207.	Tweed Heads.....	3	—	—	*	—	—	—	8	—
208.	Tweed River.....	3	—	—	*	—	—	—	1	5
209.	Ulladulla.....	8	—	—	*	—	—	—	1	11
210.	Unanderra.....	8	—	—	*	—	—	—	1	14
211.	Uralla.....	9	—	—	*	—	—	—	1	9
212.	Urunga.....	9	—	—	*	—	—	—	1	11
213.	Wagga Wagga.....	7	—	—	*	—	—	—	1	11
214.	Walcha.....	9	—	—	*	—	—	—	1	11
215.	Walgett.....	4	—	—	*	—	—	—	1	11
216.	Wallsend.....	Ncle	—	—	*	—	—	—	1	14
217.	Wallerawang.....	1	—	—	*	—	—	—	1	11
218.	Wangi Wangi.....	Ncle	—	—	*	—	—	—	1	14
219.	Waratah.....	Ncle	—	*	—	—	4	12	—	6
220.	Warialda.....	4	—	—	*	—	—	—	1	9
221.	Warilla.....	8	—	—	*	—	—	—	1	11
222.	Warragamba.....	1	—	—	*	—	—	—	1	11
223.	Warren.....	5	—	—	*	—	—	—	1	11
224.	Wauchope.....	9	—	—	*	—	—	—	1	13
225.	Wee Waa.....	4	—	—	*	—	—	—	1	11

Appendix IX (continued)

No.	Brigade	Zone	Staffing			Established Strength				
			Per. only	Per. & V/F	V/F only	D/O	S/O	P/F	Capt.	V/F
226.	Wellington	5	—	—	*	—	—	—	1	11
227.	Wentworth	6	—	—	*	—	—	—	1	11
228.	Wentworth Falls	1	—	—	*	—	—	—	1	11
229.	Werris Creek	4	—	—	*	—	—	—	1	9
230.	Weston	2	—	—	*	—	—	—	1	11
231.	West Tamworth	4	—	—	*	—	—	—	1	11
232.	West Wallsend	Ncle	—	—	*	—	—	—	1	12
233.	West Wyalong	5	—	—	*	—	—	—	1	11
234.	Windale	Ncle	—	—	*	—	—	—	1	11
235.	Windsor	OM	—	—	*	—	—	—	1	11
236.	Wingham	9	—	—	*	—	—	—	1	11
237.	Wollongong	8	—	*	—	4	5	40	—	12
238.	Woolgoolga	9	—	—	*	—	—	—	1	11
239.	Woy Woy	Ncle	—	—	*	—	—	—	1	11
240.	Wyoming	Ncle	—	—	*	—	—	—	1	11
241.	Wyong	Ncle	—	—	*	—	—	—	1	11
242.	Yamba	3	—	—	*	—	—	—	1	11
243.	Yass	7	—	—	*	—	—	—	1	14
244.	Yenda	6	—	—	*	—	—	—	1	9
245.	Young	5	—	—	*	—	—	—	1	14
Total			1	37	207	8	89	226	233	2849
73.	Stations in Sydney Metropolitan Area		56	14	3	65	393	1358	4	56
318.	Total		57	51	210	73	482	1584	237	2095

No.	Brigade	Zone	Staffing			Established Strength					
			Per. only	Per. & V/F	V/F only	D/O	S/O	P/F	Capt.	V/F	
Zone Totals											
	Outer Metropolitan			3	6			9	24	9	109
	Zone 1			4	17			6	8	20	253
	Zone 2			3	19			5		22	251
	Zone 3			5	17			6	4	22	248
	Zone 4			2	20			2		22	240
	Zone 5			1	21			1		22	252
	Zone 6			1	20			4	9	20	258
	Zone 7			2	22			8	21	22	295
	Zone 8			5	25		4	12	64	28	349
	Zone 9			3	18			3		21	252
	Newcastle/Lake Macquarie		1	8	22		4	33	95	25	342
	Total		1	37	207		8	89	225	233	2849

Appendix IX (continued)

No.	Brigade	Staffing					Established Strength				
		Per. only	Per. & V/F	V/F only	Insp.	D/O	S/O	P/F	Capt.	V/F	
"A" District											
1.	Headquarters	*	—	—	5	8	12	130	—	—	
2.	The Rocks	*	—	—	—	—	4	32	—	—	
3.	Darlinghurst	*	—	—	—	—	4	24	—	—	
4.	Woollahra	*	—	—	—	—	4	28	—	—	
5.	Glebe	*	—	—	—	—	4	24	—	—	
6.	Pymont	*	—	—	—	—	4	16	—	—	
7.	Bondi	*	—	—	—	—	4	16	—	—	
8.	Balmain	*	—	—	—	—	4	20	—	—	
"B" District											
9.	Crows Nest	*	—	—	—	4	4	48	—	—	
10.	Mona Vale	—	*	—	—	—	4	8	—	—	
11.	Manly	*	—	—	—	—	4	28	—	—	
12.	Mosman	*	—	—	—	—	4	8	—	—	
13.	Gordon	*	—	—	—	—	4	8	—	—	
14.	Willoughby	*	—	—	—	—	4	8	—	—	
15.	Hornsby	*	—	—	—	—	4	28	—	—	
16.	Forestville	—	*	—	—	—	4	16	—	—	
17.	Neutral Bay	*	—	—	—	—	4	8	—	—	
18.	Lane Cove	*	—	—	—	—	4	20	—	—	
19.	Narrabeen	—	*	—	—	—	4	16	—	—	
20.	Dee Why	—	*	—	—	—	4	8	—	—	
21.	Avalon	—	*	—	—	—	4	8	1	—	
22.	Berowra	—	*	—	—	—	1	1	1	14	
		9	5	0	0	4	53	213	1	14	
"C" District											
23.	Kogarah	*	—	—	—	4	4	40	—	—	
24.	Hurstville	*	—	—	—	—	4	12	—	—	
25.	Rockdale	*	—	—	—	—	4	8	—	—	
26.	Engadine	—	*	—	—	—	4	8	—	—	
27.	Riverwood	*	—	—	—	—	4	8	—	—	
28.	Miranda	—	*	—	—	—	4	20	—	—	
29.	Sutherland	—	*	—	—	—	—	8	—	—	
30.	Campsie	*	—	—	—	—	4	12	—	—	
31.	Cronulla	*	—	—	—	—	4	8	—	—	
32.	Lakemba	*	—	—	—	—	4	8	—	—	
33.	Revesby	*	—	—	—	—	4	16	—	—	
34.	Mortdale	—	—	*	—	—	—	—	1	14	
35.	Bankstown	*	—	—	—	—	4	12	—	—	
		9	3	1	0	4	48	160	1	14	
"D" District											
36.	Stanmore	*	—	—	—	4	4	44	—	—	
37.	Ashfield	*	—	—	—	—	4	8	—	—	
38.	Burwood	*	—	—	—	—	4	12	—	—	
39.	Concord	*	—	—	—	—	4	12	—	—	
40.	Drummoyne	*	—	—	—	—	4	24	—	—	
41.	Leichhardt	*	—	—	—	—	4	16	—	—	

Appendix IX (continued)

42.	Marrickville	*	—	—	—	—	4	20	—	—
43.	Gladesville	*	—	—	—	—	4	12	—	—
44.	Ryde	*	—	—	—	—	4	12	—	—
45.	Lidcombe	*	—	—	—	—	4	8	—	—
46.	Eastwood	*	—	—	—	—	—	8	—	—
47.	Beecroft	—	*	—	—	—	4	8	—	—
48.	Rhodes	—	—	*	—	—	—	—	1	14
		11	1	1	0	4	48	184	1	14

"E" District

49.	Alexandria	*	—	—	—	4	4	52	—	—
50.	Newtown	*	—	—	—	—	4	16	—	—
51.	Redfern	*	—	—	—	—	4	1	—	—
52.	Mascot	*	—	—	—	—	4	12	—	—
53.	Botany	*	—	—	—	—	4	24	—	—
54.	Randwick	*	—	—	—	—	4	20	—	—
55.	Maroubra	*	—	—	—	—	4	12	—	—
56.	Matraville	*	—	—	—	—	4	8	—	—
		8	0	0	0	4	32	160	0	0

"G" District

57.	Parramatta	*	—	—	—	4	4	48	—	—
58.	Liverpool	—	*	—	—	—	4	24	—	—
59.	Silverwater	*	—	—	—	—	4	16	—	—
60.	Busby	*	—	—	—	—	4	8	—	—
61.	Auburn	*	—	—	—	—	4	12	—	—
62.	Cabramatta	*	—	—	—	—	4	8	—	—
63.	Guildford	*	—	—	—	—	4	8	—	—
64.	Wentworthville	—	*	—	—	—	4	8	—	—
65.	Blacktown	—	*	—	—	—	4	16	—	—
66.	Rydalmere	—	*	—	—	—	4	8	—	—
67.	Castle Hill	—	*	—	—	—	4	8	—	—
68.	Fairfield	*	—	—	—	—	4	8	—	—
69.	Toongabbie	*	—	—	—	—	4	8	—	—
70.	Mt Druitt	*	—	—	—	—	4	8	—	—
71.	Smithfield	*	—	—	—	—	4	8	—	—
72.	Northmead	—	—	*	—	—	4	8	1	—
73.	Merrylands	—	—	—	—	—	—	—	1	14
		11	5	1	0	4	64	204	1	14

Total

55	15	3	5	28	285	1247	4	56
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SPECIAL DUTIES ROSTER

	C/O	D/CO	Supt.	Insp	D/O	S/O	P/F	Capt.	V/F
Alexandria Control Centre	—	—	—	—	—	4	28	—	—
Breathing Apparatus Section	—	—	—	—	1	5	12	—	—
Bush Fire Organisation	—	—	—	—	1	2	2	—	—
Communications Officer	—	—	—	—	1	—	—	—	—
Country Administration	—	—	1	10	—	—	—	—	—
Fire Prevention Department	—	—	1	1	18	3	—	—	—
Mapping Section	—	—	—	—	—	—	1	—	—
Motor Officers	—	—	—	—	—	2	—	—	—
Relieving Staff	—	—	1	2	8	76	36	—	—
Staff Training and Development, Sydney	—	—	1	—	8	11	3	—	—
Staff Training and Development, Country	—	—	—	—	—	8	—	—	—
Executive Staff	1	2	4	—	—	—	—	—	—
Sub-Total	1	2	8	13	37	111	82	—	—
TOTAL	1	2	8	18	66	396	1358	4	56

Type and Disposition of Fire Appliances

Pumping Appliances

Make and Series	Pump Capacity*	Year(s) Commissioned	Total No.	1st Call Appliance	2nd Call and Spare	1st Call Appliance	2nd Call and Spare
Morris	500	1958-59	1			1	
Bedford	350	1959-64	1			1	
	450	1959-64	6		4		2
Ford Thames	500	1961-66	32		7	14	11
D200	350	1968	6				
		1969	12				
D200	500	1967	10		1	23	5
		1968	1				
D400	500	1966	12				
		1967	8			11	9
D750	650	1967	1		1		
Dennis —							
Rolls Royce F44	1000	1969	2				
Rolls Royce	1000	1970	2				
Rolls Royce	1000	1971	2				
Rolls Royce F49	1000	1971	2				
		1972	3	2	6	1	2
D.4.2.Jag	600	1969	15				
	600	1970	16				
	600	1971	34				
	600	1972	7		11	56	5
International A.G.CO —							
1600	500	1972	5	1	1	2	1
1600	500	1973	10		2	8	
1600A	500	1974	14			14	
1600A	500	1975	16		1	15	
1710A	500	1976	19		1	18	
1710A	500	1977	26		1	25	
1710A	750		2			2	
1710A	500	1978	4	4			
1710A	750	1978	1	1			
1710B	750	1978	11	4	2	5	
1710B	750	1979	24	9	5	10	
1710B	750	1980	12	8		4	
	(foam)	1980	9	7		2	
610 (4 x 4)			1			1	
1710B	750	1981	17	14		3	
1710B	750	1982	24	11		13	
1710B	1350	1982	3	3		1	
1710C	750	1983	22	9		13	
1900	1200	1983	1			1	
			395	73	43	244	35

* Metric Pump Capacity

350 gal/min = 26 litres/second
 450 gal/min = 34 litres/second
 500 gal/min = 38 litres/second

600 gal/min = 46 litres/second
 750 gal/min = 57 litres/second
 1000 gal/min = 76 litres/second

Special Appliances

Type and Series	Features	Year Commissioned	Total No.	1st Call Appliance	2nd Call and Spare	1st Call Appliance	2nd Call and Spare
Aerial Appliances							
Simonitor		1975	1	1			
Telesqurt		1976	4	3		1	
Skyjet		1979	2	2			
Skyjet		1980	3	1		2	
Skyjet		1981	1			1	
Skyjet		1983	1	1			
Snorkel		1975 & 79-82	3	3			
T/T Ladders		Various	7	5	1	1	
			22	16	1	5	
Salvage Motors							
Albion		1970-71	2		2		
Leyland		1973	1		1		
International		1975	2	2			
Ford Thames		1966	1		1		
International		1980	3	1		2	
		1982	3	2		1	
		1983	1	1			
			13	6	4	3	
Other							
CO2 Appliance		1966	1	1			
Canteen		1975	1	1			
B/A Tender		1980	1	1			
Lighting Vehicle		1982	1	1			
Fire Command Vehicle		1983	1	1			
All Terrain Vehicle		1982	1			1	1
		1983	1				
			7	5		1	1
Bush Fire Tankers							
G.M.C.	6 x 6	1953	1	3	7	14	1
Bedford	4 x 4	1965-79	24	2	1	5	
Bedford	4 x 4	1980	8			1	
International	6 x 6	1978	1	5		1	1
Bedford	4 x 4	1981	7		2	1	
Bedford	4 x 4	1982	3				
			44	10	10	22	2



The heat and smoke of the smouldering fire... climbing stairs with the weight of the breathing apparatus... searching... escaping rising flames... down again to daylight, fresh air and relieved exhaustion — this is the life of a firefighter on the fireground. The expression on the face of Senior Firefighter Qualified, Ray Kelly says it all after the city fire in the 14-storey Carlton Centre in May 1983. Ten stations fought the blaze which broke out on the unoccupied sixth floor of the building.

Firefighters try to stop the spread of fire at a cosmetic factory at Mulgrave, in August 1983.

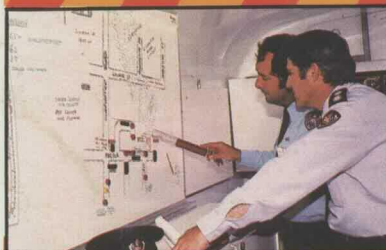


The newly commissioned All Terrain Vehicle, operative in the Kosciuszko National Park snowfields.



The fire simulator training computer trains senior officers on fireground tactics.

A phalanx of hose streams tackles the major task of subduing the fire at Della Can in the Haymarket in February 1983.



Fire Command Vehicle

LEFT: Mapping Area

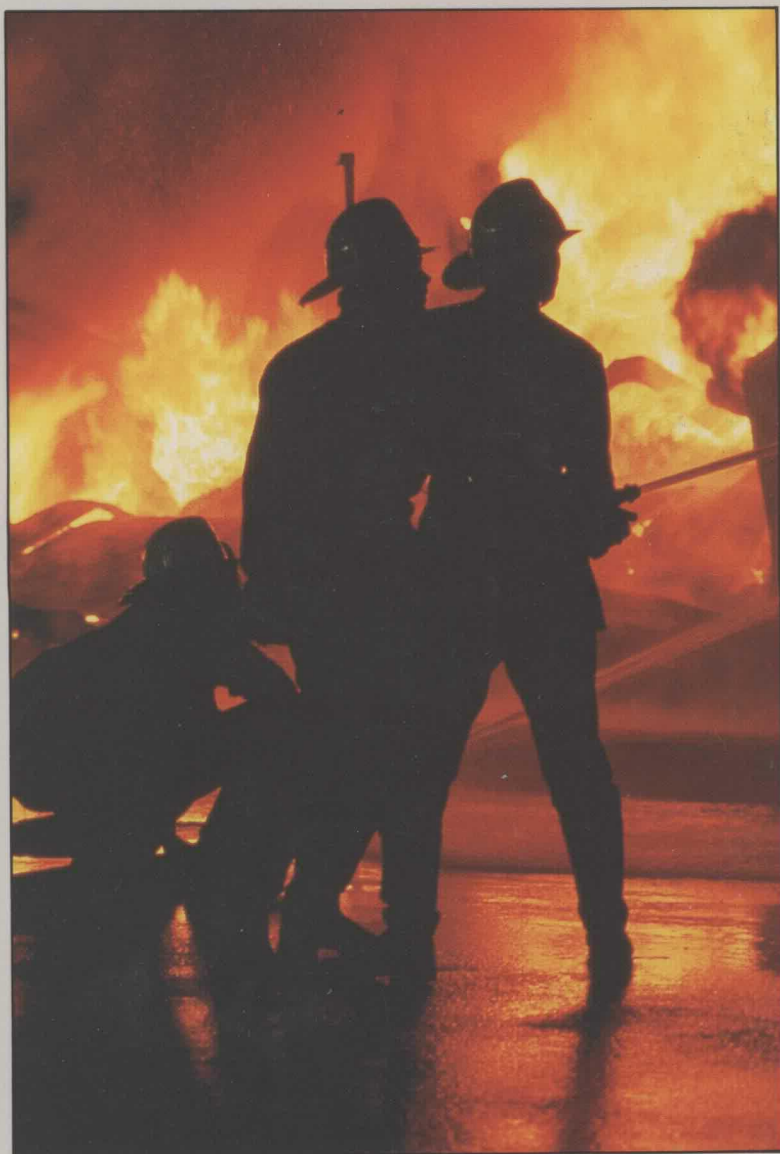


LEFT: View of interior at rear

RIGHT: operators consoles



ANNUAL REPORT 1984



BOARD OF FIRE COMMISSIONERS OF NEW SOUTH WALES