

1981

PARLIAMENT OF NEW SOUTH WALES

REPORT
OF THE
BOARD OF
FIRE COMMISSIONERS OF
NEW SOUTH WALES
FOR 1980

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REPORT
OF THE
BOARD OF FIRE COMMISSIONERS
OF NEW SOUTH WALES

For the year ended, 31st December, 1980

The Hon. W. F. CRABTREE, M.P., Minister for 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 71st Annual Report of the Board of Fire Commissioners of New South Wales, summarizing its activities during the twelve months to 31st December 1980.

W. L. WESTON,
President.

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.

BOARD MEMBERS TO 28TH JUNE 1980.

PRESIDENT AND EXECUTIVE OFFICER

WILLIAM LEWIS WESTON, Esq., B. Comm., A.M.I.E.T., M.B.Ps.S.,
Appointed by the Governor.

PART TIME MEMBERS

DEPUTY PRESIDENT

JACK HAYWARD WATSON, Esq., I.S.O., C.St.J., LL.B.
Appointed by the Governor.

MEMBERS

WELESLEY JOHN CLARK, Esq.
ROY KENNETH DIXON, Esq.
Elected by the Insurance Companies.
ALEXANDER CAMPBELL McMURTRIE, Esq.
Elected by members of Volunteer Fire Brigades.
WARWICK BRUCE ROGERS, Esq.
Elected by members of Permanent Fire Brigades.
ALDERMAN CLIVE WILLIAM TREGEAR, Esq., M.B.E.
Elected by the Councils of the Municipalities and Shires to which the Fire Brigades Act applies.

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Appointed by the Governor.

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REGINALD WILFRED DOWN, Esq.
ALEXANDER HAROLD ROGER, Esq.
Elected by the Insurance Companies.
BARRY LESLIE LEWIS, Esq.
Elected by the Councils of the Municipalities and Shires to which the Fire Brigades Act applies.
ALEXANDER CAMPBELL McMURTRIE, Esq.
Elected by members of Volunteer Fire Brigades.
WARWICK BRUCE ROGERS, Esq.
Elected by members of Permanent Fire Brigades.

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Introduction

The Board of Fire Commissioners of New South Wales is a Statutory Authority responsible for the protection of lives and saving property in the case of fire in any municipality or shire or part thereof to which the Fire Brigades Act applies. The Board is constituted and operates under the Fire Brigades Act, 1909, being the successor to the Fire Brigades Board, for Sydney and its suburbs, which had been constituted under the Fire Brigades Act, 1884.

The Board's area of responsibility is constantly expanding with the continual growth of the State. As a result of this, new fire districts are brought under the Board's control as the needs demand and the boundaries of existing fire districts are extended for the same reason.

At the present time there is a total of 306 brigades under the control of the Board; 56 are manned by permanent staff only, 50 brigades are comprised of both permanent staff and volunteer firemen while the remaining 200 brigades are comprised of volunteer firemen only.

The Board and Its Staff

The Board of Fire Commissioners of N.S.W. is comprised of seven members. The President and Deputy President are appointed by the Governor and the remaining five members are elected — two by the contributing insurance companies, one by the Councils of Municipalities and Shires which contribute to the Board's fund, one by volunteer firemen and one by the members of the permanent fire brigade and officers so employed.

The five year term of office for the members of the Board expired on 27th June 1980. Mr. R. K. Dixon who had been elected by the insurance companies and Alderman C. W. Tregear who had been elected by the Councils did not offer for re-election. The President, Mr. W. L. Weston and Deputy President, Mr. J. H. Watson were re-appointed whilst Messrs A. C. McMurtrie and W. B. Rogers were re-elected. They were joined by three new members elected to the Board. Messrs R. W. Down and A. H. Roger, elected by the insurance companies; Alderman B. L. Lewis of the Sydney City Council, elected by the Councils.

The Board wishes to place on record the invaluable contributions made by retiring members during their term of office.

PRINCIPAL OFFICERS

Chief Officers—R. C. Threlfo

Deputy Chief Officers—

Executive—R. W. Ahern

Services—R. H. Norton

Superintendents

Metropolitan Administration—A. W. Jacobson

Country Administration—A. E. Lewis

Communications & Operations—R. K. Goudie

Fire Prevention Department—H. A. Atkinson

Personnel—N. G. Fletcher

Staff Training & Development—K. B. Smith

Equipment—H. G. Bailey

Relieving—R. H. MacDonald

Administration and Departmental

Secretary—W. R. Beare

Assistant Secretary (Administration & Personnel)—A. C. McGrath

Assistant Secretary (Finance & Budgeting)—G. J. Hilder

Accountant—H. C. Meehan, A.A.S.A.

Industrial Officer—K. J. Bowman

Senior Administration Officer—A. F. Liddiard, B.A.

Senior Administrative Officer (Personnel & Training)—G. W. Haines

Stores and Purchasing Officer—N. V. Button, M.I.P.S.M.

Manager Technical Services—W. R. O'Brien, M.I.E., Aust., Dip. Tech. Eng. (N.S.W.I.T)

Senior Mechanical Officer—A. H. Irwin

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.

Fire Brigades Act and By-Laws

During 1980 the following amendments were effected to the Fire Brigades Act, 1909—

With effect from 25th January, 1980, the Fire Brigades (Amendment) Act, 1979 omitted Section 40A in respect of appeals by insurance companies against assessment of contributions.

The Fire Brigades (Coroners) Amendment Act, 1980 omitted Section 25 which had provided for a Coroner's Inquest to be held on request of the Board.

The Miscellaneous Acts (Retirement of Statutory Officers) Amendment Act, 1980 amended Sections 8 and 11 in respect of the term of office and the retiring age of the President.

There was no amendment to the By-Laws but the repeal of the Appeal Committee Regulations made under the Fire Brigades Act was notified on 25th January, 1980.

Finance

Seventy-five per cent of the total of the Board's Annual Estimates of Expenditure is provided by insurance companies underwriting business in New South Wales and "owners" who are insured with insurance companies not registered in this state. The statutory contributions paid by insurance companies and owners amounted to 73.03% of the total revenue received by the Board in 1980.

The State Treasury and Local Government provide the remaining twenty-five per cent, each contributing twelve and one half per cent of the total estimates of expenditure.

Income

The total income for 1980 was \$64,533,776, an increase of \$13,699,981 or 26.95 per cent on 1979. The income received from all sources was as follows:

	\$
Insurance Companies and Owners	47,128,099
Municipal and Shire Councils	7,881,340
N.S.W. Government	7,881,340
Miscellaneous sources	1,642,997
	<u>\$64,533,776</u>

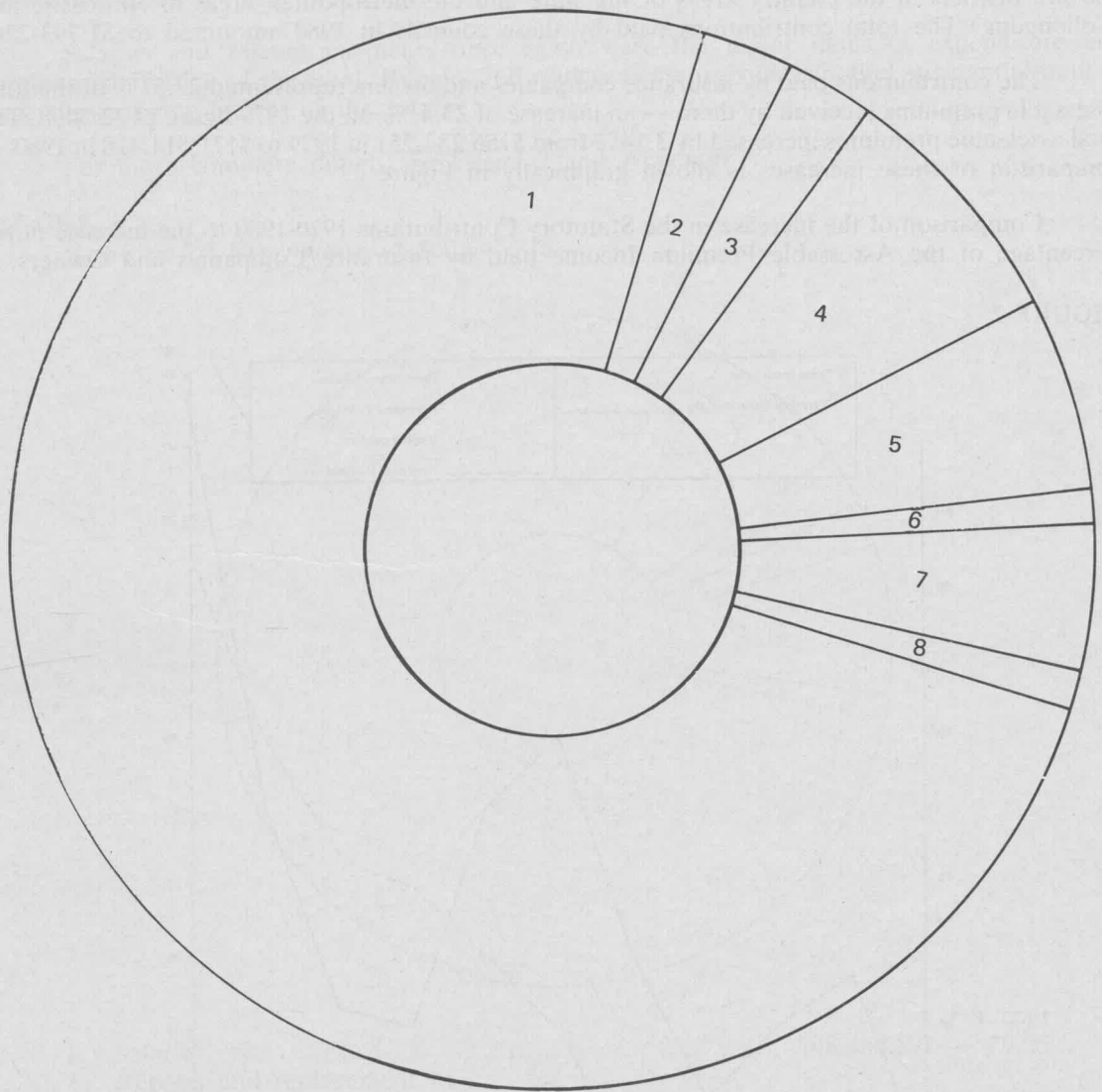
The Board ended 1979 with a deficit of \$1,722,280; and after allowing for this, funds totalling \$62,811,496 were available in 1980. These funds were disbursed as follows:

	\$
Salaries and related payments	48,486,997
Administration	1,495,294
Buildings	1,667,457
Repairs and Replacements, etc.	4,170,861
Miscellaneous	4,005,346
Insurance	367,953
Capital Charges	2,704,034
Interest	453,810
	<u>\$63,351,352</u>

This resulted in a deficit of \$539,856 at 31 December, 1980.

The disbursement of funds is shown graphically in Figure 1.

FIGURE 1
Disbursement of Funds—
Disbursement of Total Funds Available in 1980—
\$63,351,352.



1. Salaries, etc.	76.54%
2. Administration	2.36%
3. Buildings.....	2.63%
4. Repairs & Repl.....	6.58%
5. Miscellaneous.....	6.32%
6. Insurance	0.58%
7. Capital Charges	4.27%
8. Interest .....	.72%

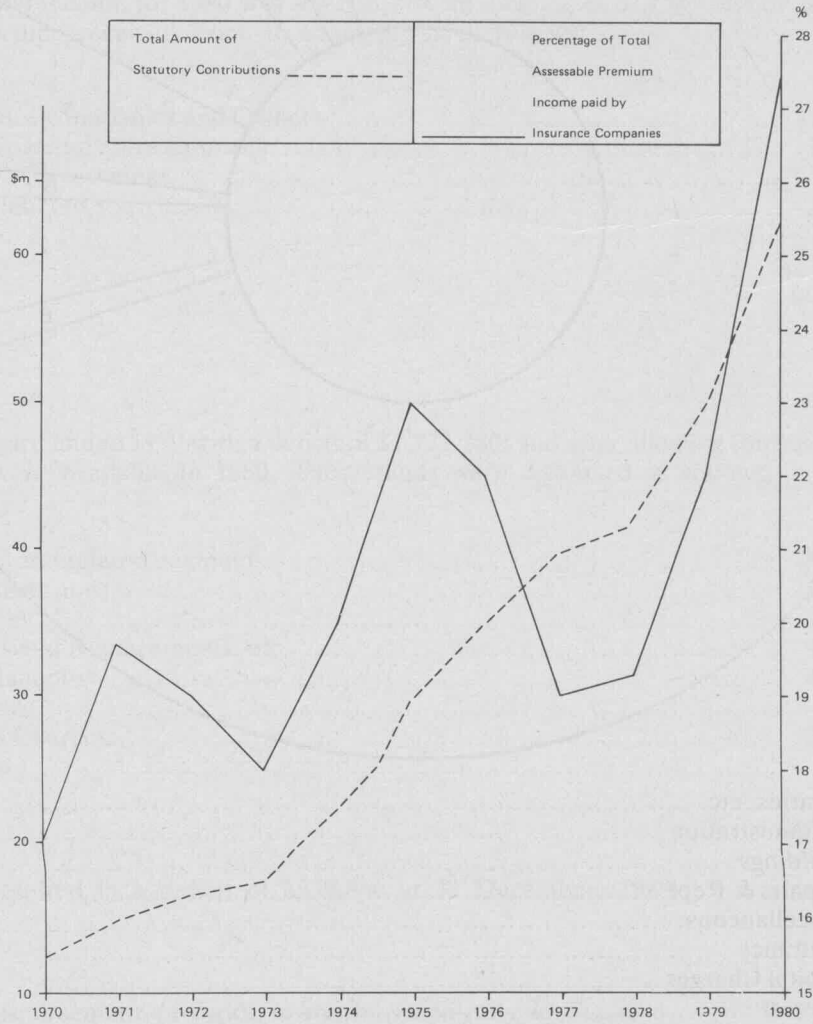
The Sydney Fire District comprises the whole or part of the areas of thirty-six municipalities and shires, which contribute a total of \$6,088,116, representing .00033 cents per dollar of the Unimproved Capital Value of all ratable property within the fire district.

A total of 135 municipal and shire councils contribute to the Board's fund in respect of the 180 fire districts in the country areas of the state and the metropolitan areas of Newcastle and Wollongong. The total contributions paid by these councils in 1980 amounted to \$1,793,224.

The contributions paid by insurance companies and owners represented 27.57% of the total assessable premiums received by them — an increase of 23.41% on the 1979 figure of 22.34%. The total assessable premiums increased by 3.14% from \$166,282,251 in 1979 to \$171,514,418 in 1980. A comparison of these increases is shown graphically in Figure 2.

Comparison of the increase in the Statutory Contributions 1970-1980 to the increase in the percentage of the Assessable Premium Income paid by Insurance Companies and Owners.

FIGURE 2



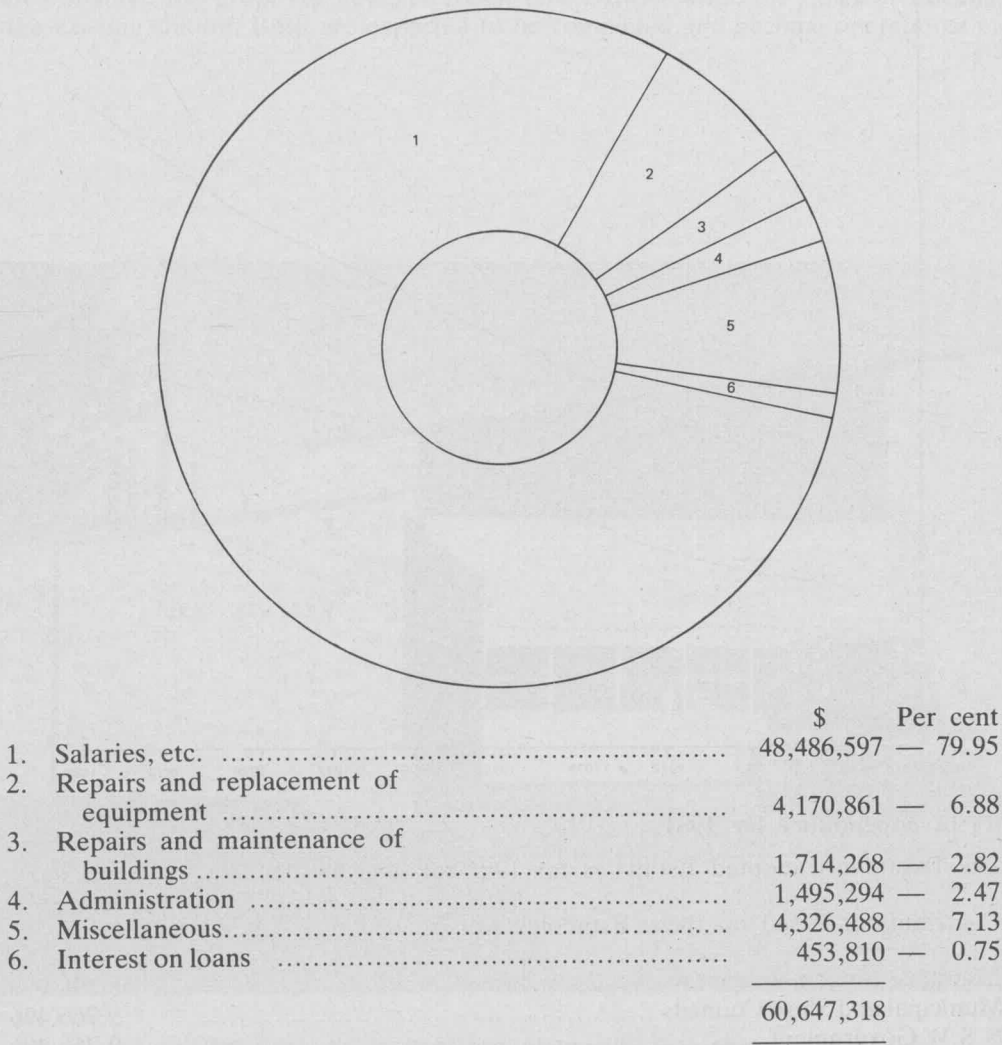
Expenditure

The total expenditure for 1980 (excluding transfers to Capital Funds) was \$60,647,318 — an increase of \$10,157,818 or 20.12%. Revenue exceeded expenditure by \$1,182,424 and reduced the deficit of \$1,722,280 brought forward from 1979 to an accumulated deficit of \$539,856 at the 31st December, 1980

Salaries and related payments once again were the major items of expenditure and represented 79.95% of the total. Repairs and replacements provided another substantial item of expenditure being 6.88% of the total.

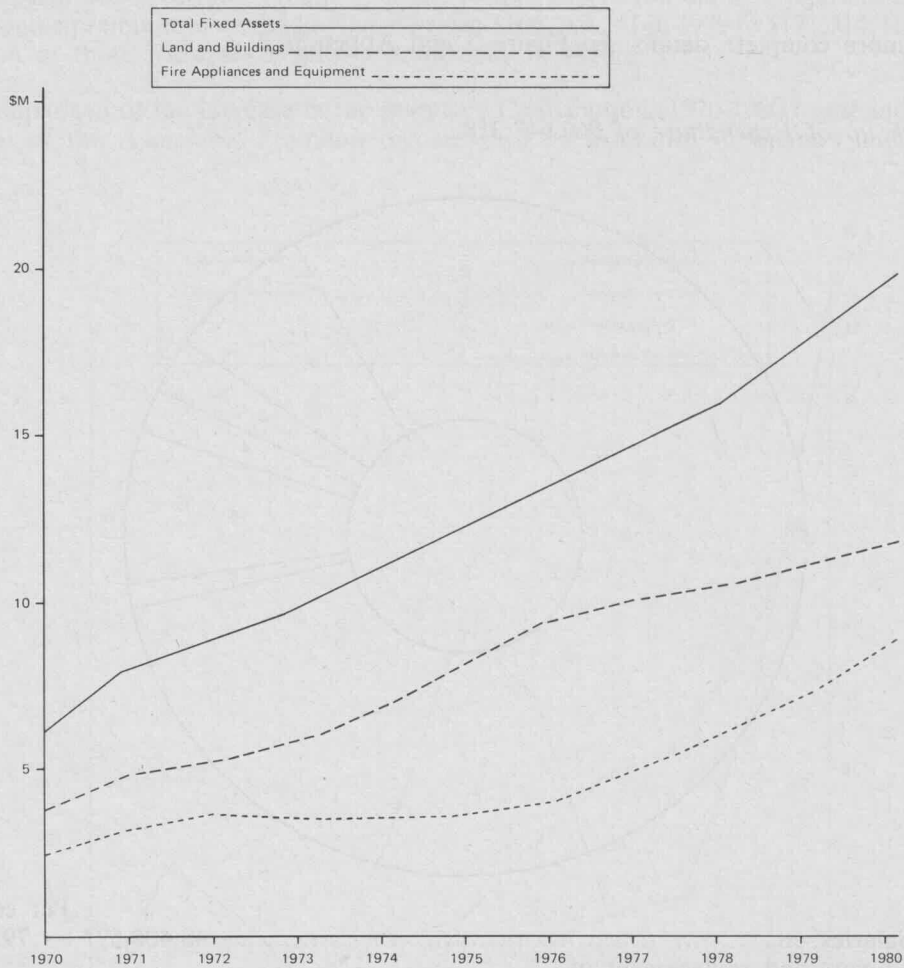
For more complete details see Figure 3 and Appendix 1.

FIGURE 3
Break up of Expenditure of \$60,647,318



During the year the Board's Assets increased by \$6,575,595 or 27.57%. A new debenture loan in the amount of \$1,200,000 was negotiated to assist with the Capital Works programme which included the construction of new fire stations and provision of motor fire appliances. The total amount owing by the Board at 31st December, 1980 in respect of debentures is \$5,078,094 an increase of \$720,476 or 16.53% in the year.

FIGURE 4—PROPERTY AND EQUIPMENT—
Increase in Fixed Assets 1970-1980



Estimates of Expenditure for 1981.

The Board has adopted Estimates for 1981 totalling \$78,131,968.

Contributions based on these Estimates will be:

	\$
Insurance companies and owners	58,598,976
Municipal and Shire Councils	9,766,496
N.S.W Government	9,766,496

Fire Districts and Brigades

New Fire Districts

The Jindabyne Fire District was created during 1980 with the application of the Fire Brigades Act to the township of Jindabyne in the Shire of Snowy River.

Property

The construction of four new fire stations was completed during the year. Two of these stations were built to house the newly established volunteer brigades at Jindabyne and Glenquarie, which is in the Campbelltown Fire District. The other new stations were built at Brunswick Heads and Alstonville as replacements for the old stations which no longer met the needs of these districts.

Two other new stations are under construction and nearing completion. The one at Aberdeen will serve the proposed new Aberdeen Fire District while the other at Lockhart will replace the existing station. Both are expected to be completed and become operational early in 1981.



The futuristic look of the Alstonville Fire Station

Building Programme

The Board adopted a Building Programme for 1981 which provides for the construction of new fire stations at Dapto, Morisset, Chester Hill, Gosford, Penrith, Saratoga (Davistown), Mulwala, Narooma, Lightning Ridge, Merimbula and Gerringong. Some of these had been included in earlier Building Programmes.

Motor Fire Appliances

A total 36 new motor fire appliances were commissioned during the year. These appliances included 12 pumpers, 7 foam motors, 3 aerial rescue monitors, 3 salvage and rescue appliances, 1 special 4 x 4 pumper and 9 water tankers.

The pumping appliances were allocated to the following stations: Blacktown, Dee Why, Fairfield, Matraville, Revesby, Rockdale, Sutherland, Toongabbie, Goulburn, Inverell, Queanbeyan and The Entrance. The four-wheel drive pumper was built for the newly established Jindabyne Brigade to meet the special needs of that district.

The foam motors were allocated to Bankstown, Drummoyne, Lane Cove, Redfern, Silverwater, Port Kembla and Tighes Hill.

The aerial rescue monitors — Skyjets — were allocated to Miranda, Albury and Waratah and the Salvage/Rescue Appliances to Headquarters, Stanmore and Wollongong. The Breathing Apparatus Tender was placed in service with the Breathing Apparatus Section which is located at Waterloo.

The standard four wheel drive water tankers were allocated to Narrabeen, Sydney Fire District (Spare), Campbelltown, Glenbrook, Gosford, Katoomba, Newcastle Fire District, and Wagga Wagga, whilst the "No Spin Diff" water tanker was also allocated to Newcastle Fire District where it will undergo tests and evaluation.

The total number of all motorised fire appliances at present in service is as under:

Pumps:	355
Special Appliances	
Aerial	19
Salvage/rescue	11
Other	3
Bush Fire Tankers	33
TOTAL	421

Motor Programme

The Motor Programme adopted by the Board for 1981 is estimated to cost in excess of \$2 million and will provide for 25 International V510 Pumpers with a pumping capacity of 56 litre/per second, 6 water tankers, 3 salvage/rescue units and 4 large pumpers.

The twenty-five pumpers are part of a programme to replace the Ford Thames, Ford D200 and Ford D400 appliances over the next three to four years.

Equipment

The programme of replacing sirens with electronic warning devices continued throughout the year and conversion of all units in the Sydney, Newcastle and Illawarra Fire Districts has been completed.

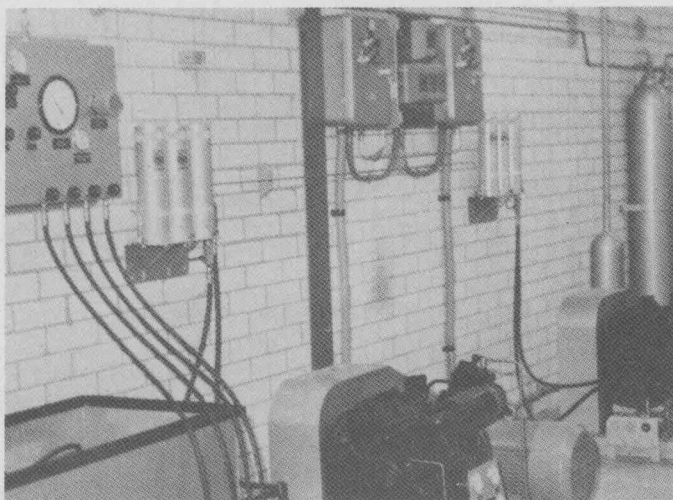
It is anticipated that the conversion throughout country districts will be completed in 1981.

The Breathing Apparatus Section was relocated in new premises at Waterloo and a new recharging system was installed. This will enable the Board to be independent for the recharging of both compressed air and oxygen bottles. Additional breathing apparatus, resuscitation units, protective clothing, gas detectors and ambusimulators were issued to brigades throughout the State. In addition to servicing this equipment and training staff at various stations in use of such equipment, the Breathing Apparatus Section responded to a total of 348 emergency calls during the year.

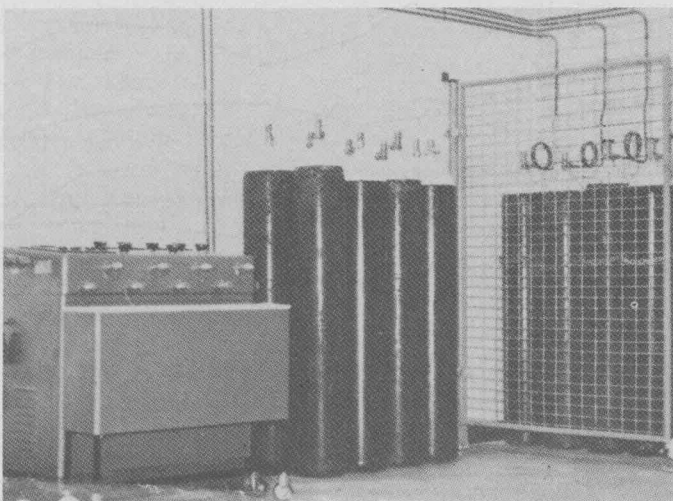
Workshops — Servicing

The Board Motor Replacement Programme and the Motor Change Over Programme continues to place a heavy demand on the time of the Mechanical workshops. In 1980 this department in addition to fitting out the 36 new appliances which were commissioned also overhauled a total of 47 appliances prior to them being allocated to another fire district.

The compressed air system, at left is the re-charge control panel and cooling tank, in mid-picture are the two compressors above which are located the twin triple-filter units, and at right air storage cylinders



At left in the photo is the oxygen transfer pump which delivers oxygen from the stored cylinders to the portable sets, the cooling tank is located at the front of the transfer pump



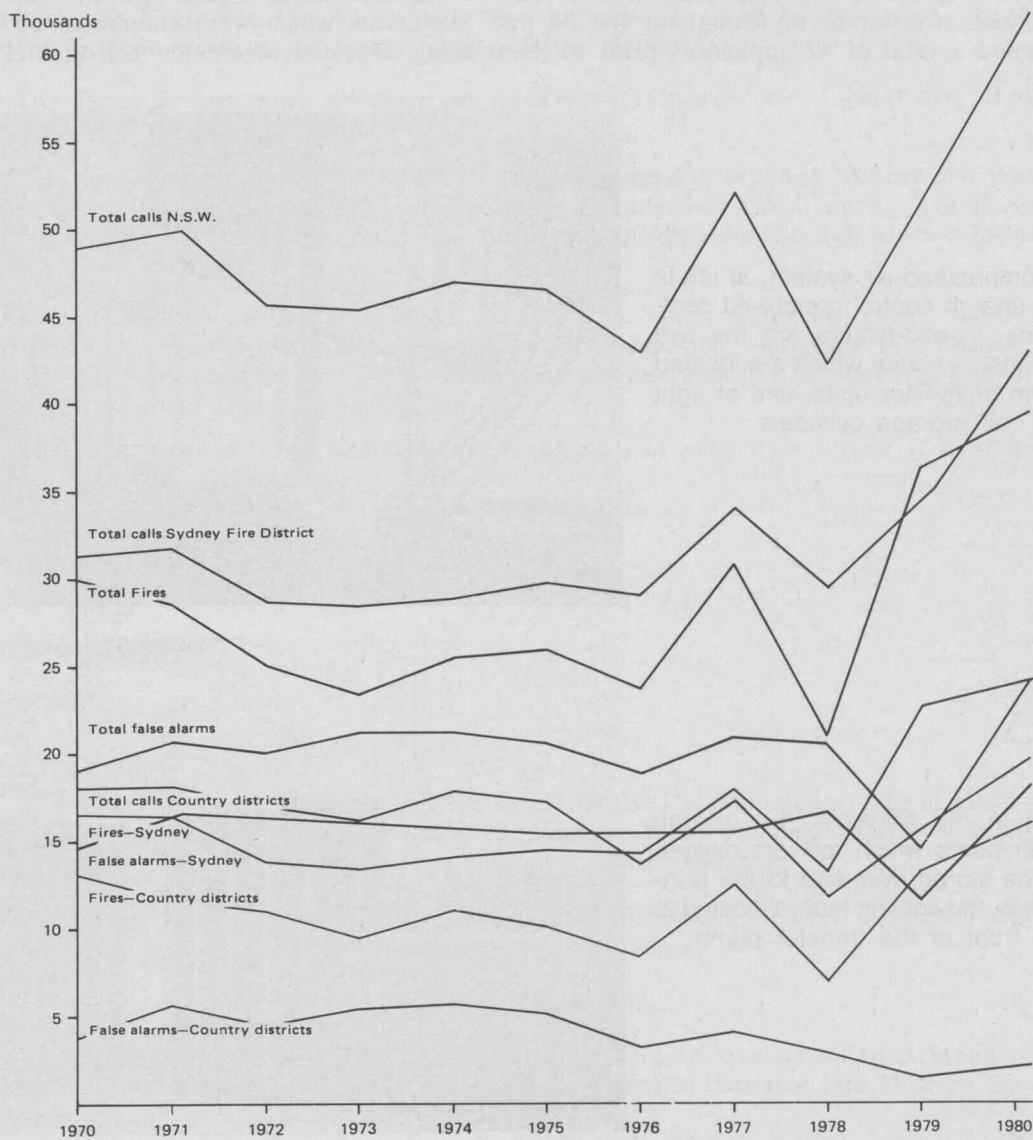
Fires

There was yet another sharp increase in the total number of emergency calls attended during the year. Even after allowing for calls to emergencies which were not associated with fire, a record number of calls were attended, far surpassing the previous record established in 1977.

The diagram below (figure 5) shows graphically a comparison of the number and type of calls attended over the past ten years.

FIGURE 5

FIRE CALLS 1970-1980



Among the more notable fires which occurred in the Sydney Fire District were:

- 17.1.1980 Farley & Lewers Pty. Ltd.,
Hornsby
- * 19.1.1980 Elizabethan Theatre, Wilson Street,
Newtown.
- * 13.3.1980 Shopping World, Pitt Street, City.
- 13.4.1980 Rubber Recycling Plant, Union
Street, Dulwich Hill.
- 3.5.1980 Navy & Airforce Club, Lakemba
Street, Lakemba.
- 5.5.1980 Ansett Building, Oxford Street,
Darlinghurst.
- 3.6.1980 No. 7 Wheat Wharf, Glebe Island.
- 20.6.1980 269-277 Liverpool Street, City
(East Sydney) (Row of
terrace houses).
- * 26.6.1980 Major explosion and fire,
Shell Refinery, Clyde.
- 2.7.1980 Special Light Fittings Pty. Ltd.,
Chatswood.
- 16.8.1980 City Markets, Hay Street,
Haymarket.
- 20.8.1980 Hull & Sons, 46-54 Foster Street,
Surry Hills (fabric manufacturers).
- * 29.8.1980 Lewisham Hospital, West Street,
Lewisham
- 12.9.1980 Warehouse Complex, McEnoy Street,
Waterloo.
- 14.9.1980 48-52 Bradleys Head Road.,
Mosman. (Large residential building.)
- 14.10.1980 Motor Body Builders,
70-72 Parramatta Road, Stanmore.
- 24.10.1980 Prince of Wales Hospital,
Randwick.
- 30.10.1980 Darrell Lea Chocolates, Rocky
Point Road, Ramsgate.
- 3.11.1980 F. C. Lovelock Pty. Ltd.,
Parramatta Road, Broadway.
- 9.11.1980 Hardy's Hardware, Church Street,
Parramatta.
- * 15.11.1980 Sheldon House, 260 Kent Street,
City.
- 26.11.1980 Publicity Press, Meagher Street,
Chippendale.
- 28.11.1980 Rozelle Hotel, Victoria Road,
Rozelle.
- 6.12.1980 Australian Bakels, Derby Street,
Silverwater.

* Those fires listed with an (*) are
now described in detail.

Elizabethan Theatre, Wilson Street, Newtown

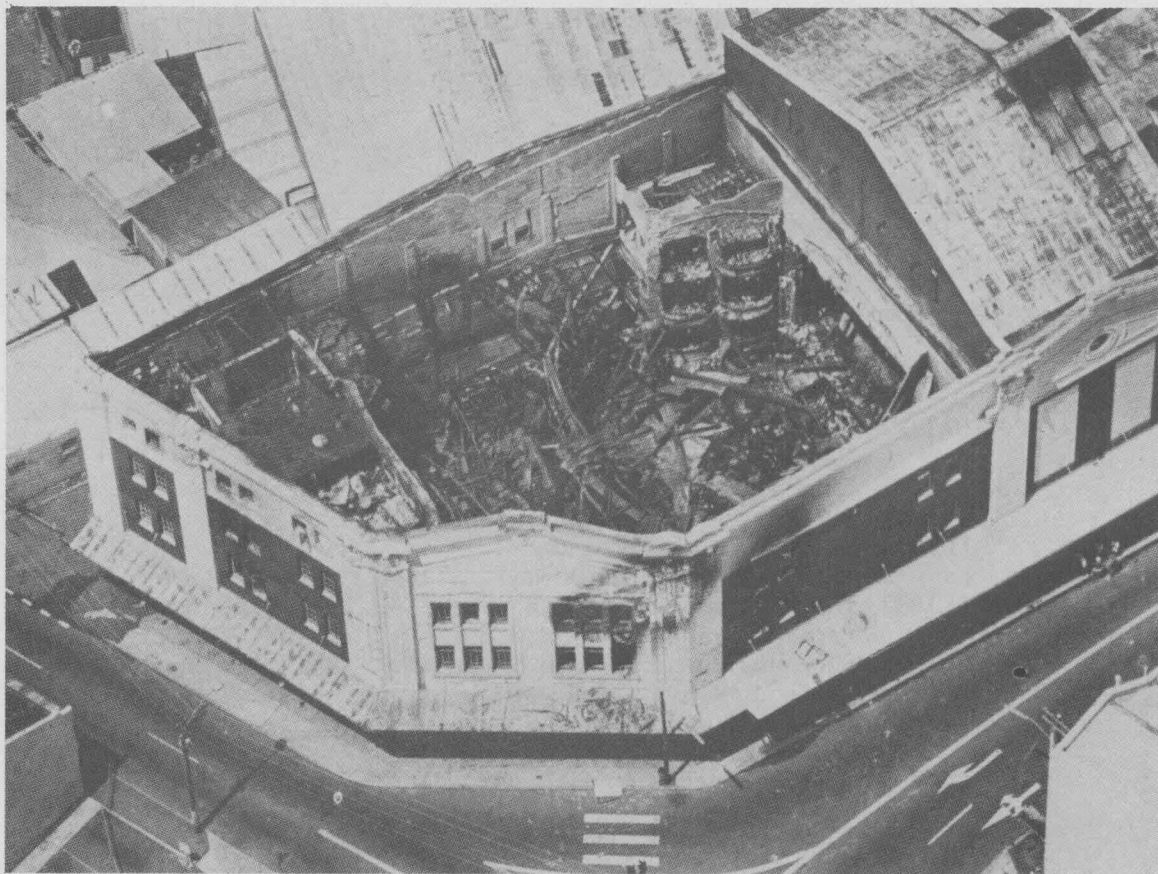
The Elizabethan Theatre was destroyed by fire on Saturday, 19th January.

At 2215 hours Headquarters Control received the emergency call; Newtown and Redfern Brigades were the first to respond and two minutes later the first red message was transmitted "building of three floors well alight . . . make stations six." Soon after it was reported that the theatre was completely involved in fire and the number of stations attending increased to eight.

The brigades took up the attack from all sides of the battle-axe shaped fireground, utilising the Snorkels, Aerial Rescue Monitor and turntable ladders in a concentrated attack.

Within the theatre the fire was raging through the front foyer, offices, and auditorium right up to the stage area. Here dressing rooms and other property were protected by an operating sprinkler system, but they were to suffer extensive water damage.

The Elizabethan Theatre, Newtown.



The theatre's auditorium gutted up to the stage level at the rear where sprinklers held the fire —
photo credit Daily Telegraph

By 2308 hours the roofing had collapsed, adding to the interior fire loading, and the involved sections were gutted. There was now a danger of the walls collapsing and the crews were moved back from the hazard.

The aerial appliances continued their sweep of the theatre and exposures as control over the spread of the blaze was gradually achieved.

The "stop" was sent at 0808 hours.

Commercial Premises, Pitt Street, Sydney

The retail shopping core of Sydney is contained in two blocks, bounded by Market, King, George and Castlereagh Streets, with Pitt Street traversing its centre.

On Thursday evening, 13th March, this densely occupied area was crowded with late-night shoppers and Headquarters Control, received numerous emergency calls to a fire in premises called Shopping World, Pitt Street, near King Street.

Within two minutes of receipt of the first call the brigade on the scene transmitted a red message "a building of several floors well alight on the second floor, make stations six". Pumpers and aerial appliances responded from the near city stations of The Rocks, Darlinghurst, Glebe and Pyrmont.

Fortunately the building involved was unoccupied and under demolition, as was the Hordern building adjoining it, but on the other side the Strand Arcade was again threatened with destruction.

The Arcade, with its numerous shops, had only recently been completely restored following the disastrous fire of 1976. Brigades' crews within the Arcade could see flames swirling across the full width and length of the wire-glass roof above them. Parts of the glass were shattering but the efforts of the firemen kept the fire from penetrating.

Fire had engulfed all four storeys of the building and, with the collapse of roofing, huge tongues of flame leapt many metres upwards. Spot fires from embers broke out on the roof of the adjoining Hordern buildings but firemen from positions on the roofs of adjacent buildings were able to quickly control these.

Fears were held for the collapse of the external wall facing Pitt Street but fortunately it remained sound.

By 2300 hours the spread of fire was under control and efforts were concentrated in extinguishing the blaze within the gutted building.

Explosion and Fire — Shell Oil Refinery, Clyde

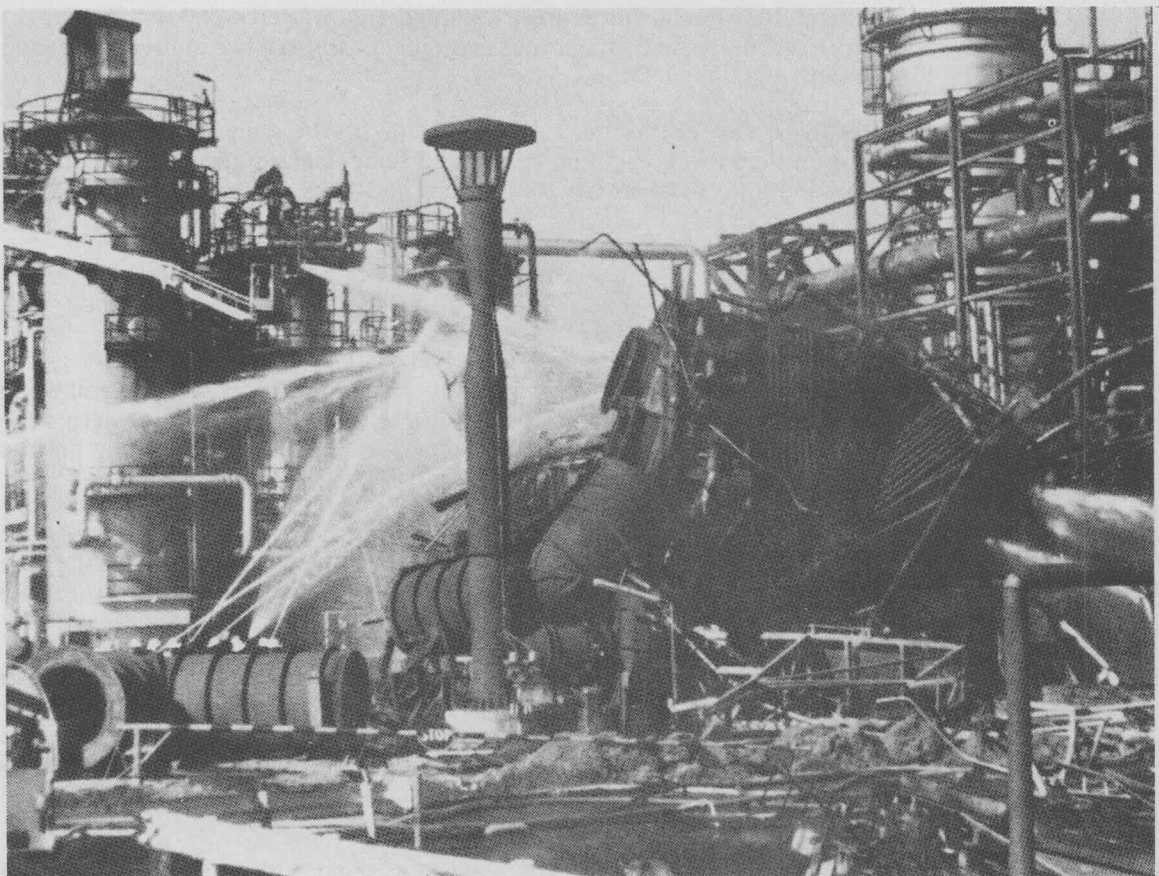
AT 1057 hours on 26th June a massive explosion rocked a large section of the Shell Refinery Plant at Clyde. The explosion which occurred in the hot-oil furnace section of the butane de-asphalting plant was heard by the staff of the Silverwater Fire Station. Great volumes of smoke and soaring fire balls could also be observed. The station staff immediately notified Headquarters and responded to the plant.

The initial response to the call was for seven stations; however, upon the arrival of the District Officer and, following his assessment of the situation, this was increased to twelve.

The fire was located in the centre of the complex and it was feared that the radiated heat and flame infringement would create a chain reaction of explosions throughout the complex.

The N.S.W. Ambulance Transport Service had been participating in a "disaster" exercise at nearby Rosehill Racecourse and was thus able to respond several units to the Shell Plant without delay. The initial explosion had caused injuries to ten Shell Oil Company employees. The casualties were quickly transported to hospital; unfortunately one of them subsequently died from injuries.

The Shell Oil Company's Refinery, Clyde

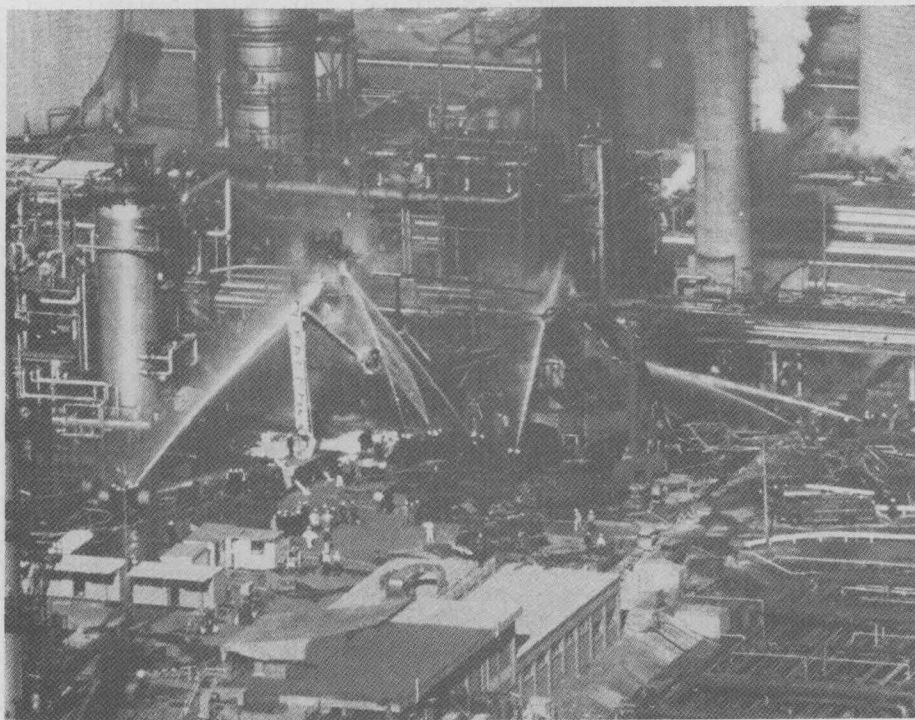


A close-up view of the demolished furnace around which massive pieces of iron ducting litter the plant

By 1115 hours there was a major "Red" alert and as additional stations arrived, they were deployed to cover the explosives with cooling water curtains. Flair gas lines, which normally terminate up twin chimneys to burn off waste butane, had been fractured and the butane from these ruptured lines was burning fiercely in areas designated as "flame hazard". Further problems were created by the fact that water lines serving the plant drencher system had been fractured, rendering it inoperative. This fact, combined with the absence of cut-off valves on the flair gas lines, meant that brigade personnel were forced to remain in close proximity to the danger zone for many hours, until alternative methods of minimizing the likelihood of further explosions could be adopted. While the brigades continued to pump a water deluge from the surrounding ring mains, technical staff from the Shell Company undertook the difficult task of sealing off the gas lines with water. This was a prolonged activity and involved bringing the lines with nitrogen from the point of rupture back to the large elevated storage tanks, unbolting connections to the tank and inserting a "spade" to shut off the gas supply.

By 1700 hours that afternoon the main peril from flame impingement had been overcome and the Chief Officer was able to send the "stop" at 1756 hours.

The Board commends all the officers and men involved for their untiring efforts in working for prolonged periods in highly hazardous conditions. Through their efforts the fire was confined to the area involved in the initial explosion.



Aerial view of the devastated butane de-asphalting plant, the force of the explosion hurled heavy sections of the furnace from its original position centre, over 50 metres to the far right . . . photo credit News Ltd

Lewisham Hospital — West Street, Lewisham

At 1914 hours on 29th August numerous calls were received at Headquarters Control through the "000" system and another by the direct telephone line from the Central District Ambulance to a fire in a wing of the Lewisham Hospital.

The first response was by four brigades, and the first message from the fireground was received only seven minutes later at 1921 hours. The District Officer in charge, after making an initial assessment of the situation, requested the attendance to be increased to eight stations. The wing of the hospital involved was of three storeys and the floor immediately above the seat of the fire contained "Coronary Care" wards with "Intensive Care" wards nearby. Smoke from the basement area was infiltrating the floors above and flame impingement was observed in an office above the seat of the fire. As support stations arrived, crews wearing breathing apparatus were deployed to carry out search and rescue operations within the affected wing, while the fire was attacked from four positions.

The building was heavily logged with smoke and at 1932 hours another "Red" message was transmitted, increasing the number of stations to sixteen to increase the rescue and evacuation force.

Patients were removed through windows by brigade personnel to external clear air areas, where medical staff provided assistance. Some critically ill patients were transported by Ambulance to other hospitals. With all patients and staff accounted for, the brigade crews were able to concentrate on extinguishment of the fire, which was achieved at 2047 hours. The major damage caused by the fire was restricted to the records room.

It was subsequently discovered that the fire had been deliberately lit and a person was charged by the police with arson.

Mention must be made of the calm and efficient manner in which hospital staff had commenced evacuation procedures before the arrival of the first brigades.

Sheldon Building, 131 Clarence Street, Sydney

A major fire on 15th November, destroyed the Sheldon Building at 131 Clarence Street, Sydney.

The first call was received at 0219 hours and appliances from Headquarters and The Rocks Fire Stations responded. At 0226 hours a "Red" message was received from the first brigade on the scene requesting more assistance.

The building involved was actually two buildings back to back, with frontages in both Kent and Clarence Streets, and was known as the Sheldon Buildings. It was a multi-occupancy including the Sheldon Drug Company which occupied several of the upper floors in both buildings and a book distributor which occupied the ground floor in Kent Street. The water pressure in the nearby mains appeared to be low and the attendance of a water service operator was requested.

Although the water pressure improved thus assisting operations, the position of crews fighting the fire with a line of hose from the light well was deteriorating due to falling debris. Because of the danger of these crews it was necessary to withdraw them to another position. Gusting southerly winds were also making operations involving the turntable ladders very difficult and caused concern to the ladder operators and the men holding the guy lines.

At 0259 hours the duty Superintendent arrived and took command and increased the attendance to twelve stations. Approximately five minutes later, large plumes of flames erupted from the 3rd, 4th and 5th floor windows. The radiant heat from this eruption was so intense that it cracked some 70 windows in a building more than 220 metres away. Because of the great danger of the fire spreading to adjoining buildings, the Superintendent sent a "Red" message at 0305 hours increasing the attendance by an additional 6 stations.

The Deputy Chief Officer Executive who arrived at 0323 hours and took command of operations at 0325 hours, sent a message to the effect the top 4 floors of an 8 storey building were well alight, 6 pumpers, 2 sets of turntable ladders and the snorkel were at work and the position was in hand.

Some time after this a senior officer, while checking crews operating from an adjoining building found all the crews operating satisfactorily and holding the fire in check. However upon searching the top floor he was informed by a dazed and injured officer, that the top of the adjoining wall had collapsed and fallen through the roof and that a man was trapped. The senior officer then observed that a wall 10 metres in height was badly cracked and leaning precariously and appeared in imminent danger of collapsing. Despite the grave danger to themselves other crew members were proceeding to rescue a station officer who was buried to the waist in hot bricks and rubble. Due to their efforts, the officer was rescued, although he did suffer head injuries, a broken leg, severe burns to the lower part of the body and severe bruising of the rib cage.

Petrol tanker collision in centre of the township of Bargo



Foam had little effect on the burning fuel as the sides of the tanker melted from the fierce heat — photo credit Sydney Sun

The "Stop" was eventually sent by the Deputy Chief Officer at 0515 hours. To achieve extinguishment of the fire required the use of considerable resources in both men and equipment. The 5 senior officers, 21 station officers and 88 firemen in attendance, utilised 20 motor engines (of which 13 were actually used in pumping operations), 3 turntable ladders, 1 snorkel and the breathing apparatus van. Approximately 5 million litres of water were used to bring the fire under control and an additional 8 million to achieve total extinguishment.

The fire fighting operations were carried out in a most commendable manner and the Board congratulates all personnel involved. The Board's Medal Committee is investigating the rescue incident to determine whether any Awards for bravery should be made to the personnel concerned.

Some of the major fires which occurred in country districts were—

Wright Heaton Retail Store — Dubbo St, Warren

A call fire was received to Wright Heaton's store in Dubbo at 1830 hours on 24th January.

The store was totally involved in fire and a strong southerly wind was fanning the blaze towards adjacent commercial premises. In addition to this a truck loaded with L.P.G. parked in a lane at the rear of the store caught fire. Crews were deployed to extinguish the fire and with the use of another vehicle the truck was towed to safety. Other members of the Warren brigade took up positions within an adjoining cafe premises to prevent the spread of flames to it.

At the time of the fire the Zone Inspector was at Narromine 86 kilometres distant and, after ordering brigades from Trangie and Gilgandra to respond with partial crews, he also responded. The brigade was also assisted by the arrival of four volunteers from each of the towns of Nyngan and Narromine.

The brigades were unable to save the building, but were successful in confining the blaze. Extinguishment was achieved at 2230 hours.

The co-operation of the Police, Ambulance and Rescue Squad members was highly appreciated. The Inspector has reported also that work of the attending brigades was very commendable.

Supermarket — Nepier Street, Deniliquin

At 1550 hours on the 3rd June, the Deniliquin Brigade responded to a call of fire at a building housing the S.S.W. Supermarket and the H & F Transport Depot. The brigade was on the scene within four minutes yet by that time flames could be seen issuing from all parts of the supermarket. Dense smoke billowing up from the fire could be seen from as far away as 32 kilometres.

It was obvious that the Supermarket could not be saved, so efforts were concentrated on saving the transport depot which was separated from it by only a timber wall. However, despite their efforts, flames gained a hold and spread across the roof to the adjoining Railway Hotel. The fire threatened to engulf the hotel and the service of the brigades vintage Dennis Ace, (which is used for Demonstration training and practice) was utilised to protect the hotel's exposure.

Spot fires broke out in a number of rooms facing the depot and these were quickly suppressed.

Assistance was also provided by the Deniliquin Urban Bush Fire Brigade and the Murray River County Council, whose personnel, together with firemen, utilised the Councils elevated cage mobile to play water onto the roof. The police assisted in manhandling a bulk L.P.G. tank away from the rear of the hotel.

The fire was extinguished at 2300 hours, after destroying both the Supermarket and depot. The brigades had to return to the scene several times during the night, to deal with material which reignited within the building.

Serious fire and spillage of toxic products, Pacific Highway, Kempsey

On 29th October, a semi-trailer was involved in an accident with another motor vehicle at the corner of Belgrave Street and Pacific Highway, Kempsey. A fire resulted and the Kempsey Volunteer brigade responded to the incident which involved Bensleys' Department Store.

A line of hose was taken through and under the door of the building to attack the fire whilst another was used to provide a protective water curtain between the vehicles and surrounding buildings. It was then discovered that the semi-trailer was carrying 20 litre drums labelled "Poison 6". The manifest indicated that the load consisted of dangerous and toxic substances and advice was received that the spillage should not be allowed to enter the river system and that it should be covered with hydrated lime.

An earthen dam was constructed at the intersection of the Pacific Highway and Forth Street to prevent the run-off entering the water course; however, a considerable amount of chemicals had entered the river prior to the construction of the dam. The Pacific Highway was closed to all vehicles and pedestrian traffic during the incident.

Personnel who attended the incident were checked at the Kempsey Hospital for symptoms of poisoning by cyanide or any other chemicals in the mixed load on the trailer. It was also necessary to recall all persons for a blood test. Fortunately none of the personnel involved has shown any ill effects.

The members of the Kempsey Volunteer Brigade are to be commended for their determination and courage in dealing with a serious situation. Tribute must also be paid to the excellent co-operation exhibited between all the emergency services.

Inghams Enterprises Pty Ltd,—Cardiff

The Cardiff Fire Brigade received a call by telephone to a fire in a freezer at Inghams Enterprises at 1113 hours on 2nd December. A further call was received from the Newcastle Police Radio indicating that a large volume of smoke was issuing from the plant.

The initial response was by the Cardiff and Boolaroo brigades, but upon the receipt of the call from the police, the District Officer at Newcastle ordered on the Newcastle Salvage Motor and the Breathing Apparatus Van.

Upon the arrival of the Cardiff brigade, it was discovered that an almost completed building under construction, with dimensions of 25 m x 25 m, was totally involved in fire. Due to the intense heat which was generated, the buildings on each side became involved. The Inspector from Newcastle also attended and, after assessing the situation, ordered on the Skyjet appliance from Newcastle.

The fire was attacked from all sides but the brigades were faced with a number of major problems, including an 11,000 volt electricity sub-station, a chlorine plant and storage area and an ammonia plant which were all in close proximity to the fire. In addition to this, it was suspected that chemicals, the details of which were unknown at the time, may have been stored in the bulk store adjacent to the freezer room.

The "Stop" was eventually sent at 1303 hours. Damage was confined to the three buildings involved. The fire was caused by welding operations in the tunnel area under the pallet hoist of the freezer room. The loss was initially assessed at \$1.7m.

All brigades functioned efficiently and taking into account the flammable nature of the materials involved and the construction of the building, which prevented entry of the fire, it is considered that the fire fighting operations were carried out in a most effective manner.



A large container holding quantities of chlorine in tablet form was affected by rain seepage causing fuming and explosions. Here firemen in protective gear take control of the East Botany emergency .
Photo credit — Sydney Sun

Wool Store, Hannell Street, Wickham



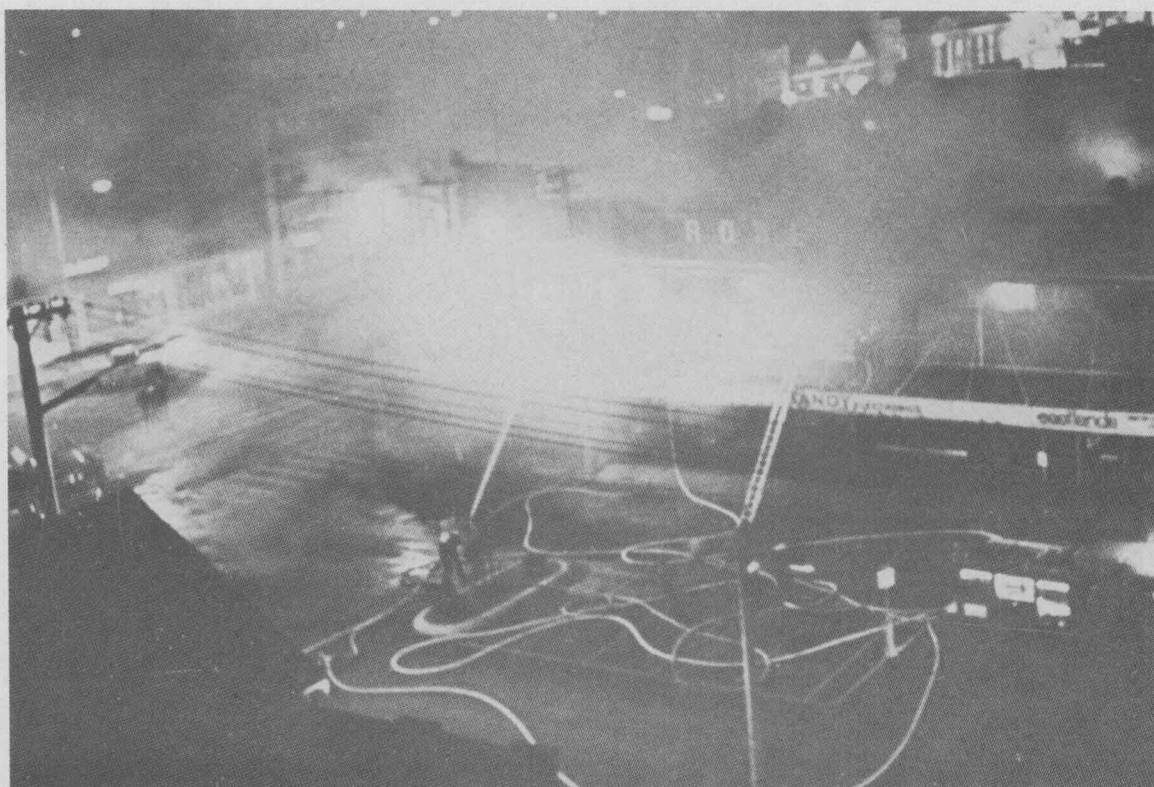
Firemen protect one of the exposed stores from the flames of the now destroyed wool shed —
photo credit Newcastle Sun

Supermarket, Manning Street, Taree



Fireman direct a branch through the louvers in a wall to saturate the seat of a fire in the
supermarket — photo credit The Manning River Times

Retail Store, Molesworth Street, Lismore



Crews attack the blaze in the first floor at one street frontage — photo credit Lismore Northern Star

Industrial

Regular industrial consultation between representatives of the Board and the Fire Brigade Employees' Union continued and the parties met on nine occasions.

Amongst the wide spectrum of matters discussed and subsequently resolved was the introduction of a new method of evaluation recruits for the fire fighting section.

Out Duties Ban

During 1980 the Board continued in its efforts to have the "Out Duties" ban lifted. However, the ban imposed during 1978 continues to operate, resulting in excessive overtime costs and uneconomical use of fire fighting staff.

Police Training

The Union ban on training Police personnel in fire fighting techniques was lifted. Tuition is now being imparted by Brigade instructors to Police.

Additional Assistance For Senior Officers

An additional Superintendent, designated Relieving Superintendent, was appointed, thus relieving some of the problems of Inspectors "acting up". Agreement was reached also on provision of Clerical assistance to Zone Inspectors.

Lismore Re-Organisation

A dispute at Lismore fire station with regard to manning and provision of a direct turn out system was resolved following lengthy negotiations. Four firemen were appointed on a continuous shift basis to provide for watchroom duties and implement a direct turn out system for Lismore, Goonellabah, Casino, Kyogle and Mullumbimby Brigades. An additional Station Officer was appointed so that a shift system could operate on a special roster on a seven day week basis. It was also decided that a paging system or alerters would be installed.

Motor Officers On-Call

Another matter of significance on which substantial agreement was reached following lengthy conferences was the matter of Motor Officer "on call" arrangements. It was agreed that Motor Officers would receive an "on call" allowance and be provided with a pocket alerter and a motor vehicle to minimise restriction of movement.

30% Increase In Margins

In November, 1980 the Fire Brigade Employees' Union lodged applications with the Industrial Commission for an increase in margins of 30%. The matter came on for mention before Mr Justice Liddy in December and dates for conferences between the Board and the Union were set for January, 1981.

Applications were also received from the Union regarding an increase in laundry allowance payable to officers relieving in country areas, and meal money. Agreement was reached on the laundry allowance issue but negotiations are continuing on the meal money question.

New Control Centre

Following lengthy negotiations regarding its operations, staffing and conditions, a computer based centralised alarm system was introduced during 1980 as part of the new control centre at Alexandria.

This facility is designed to permit the monitoring of all automatic fire alarms at the control Room. Other fire calls — which are by telephone — are processed by the control room staff who turn out the relevant station/s. Particulars of fire location etc., are sent on teleprinter from the control room to the relevant station/s.

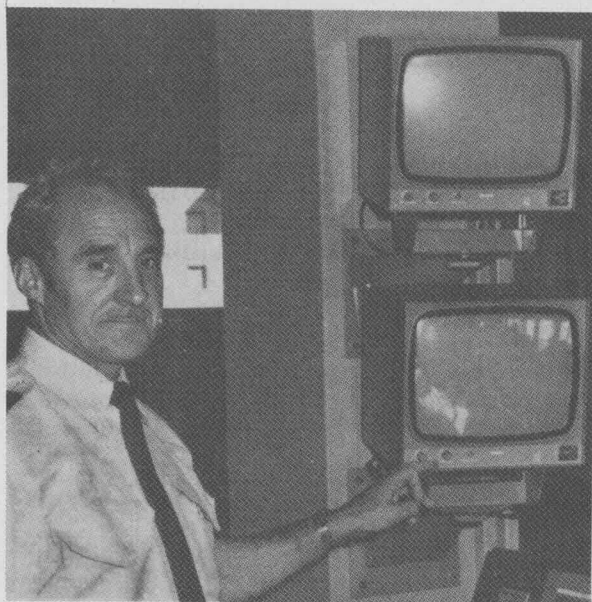
All permanent and relief staff who work in the control room participated in a training programme before the system became operational. The training programme comprised:-

Introduction to the sy. Practical training in keyboard operation. Theoretical and practical training in Operational Procedures in relation to data input and retrieval. Turnout of brigades and disposition of appliances.

The period of instruction varied according to the availability of staff at the time. Initially all members were given full time training on keyboard operation for at least two to three weeks.

Training on procedural matters was conducted by a District Officer over a period of months with individual involvement depending on the availability of staff.

All employees including Firemen, Station Officers and District Officers who work in the Control room receive an additional allowance for that work.



Security of the Control Centre is kept at a high level with closed circuit television covering entrance to the premises

Personnel

Permanent Fire Fighting Staff

The present staff ceiling imposed on the Board provides for a total 2170 positions for the permanent fire fighting staff. During 1980 the Board moved towards this level by increasing the authorised strength of various stations and sections by a total of 87. This brought the authorised strength to 2129 at the 31st December 1980. The Board plans to achieve the total early in 1981.

The increase in the authorised strength approved during 1980 were as follows —

Relieving Staff —

1 Superintendent
2 Inspectors
1 District Officer
9 Station Officers

Staff Training & Development Section —

3 District Officers
2 Station Officers

Fire Prevention Department —

1 District Officer

Fire Station/Brigade

Albury

4
Permanent
Firemen

Alexandria Control
Centre

8
Permanent
Firemen

Dapto

1 Station
Officer

Campbelltown

8
Permanent
Firemen

Gosford

8
Permanent
Firemen

Katoomba

4
Permanent
Firemen

Lismore

1 Station
Officer

4
Permanent
Firemen

Fire Station/Brigade—continued

Newcastle		4 Permanent Firemen
St. Marys	1 Station Officer	
Sutherland		4 Permanent Firemen
Waterloo (B.A. Section)		12 Permanent Firemen
Wagga Wagga		1 Permanent Fireman
Waratah		4 Permanent Firemen
Wentworthville		4 Permanent Firemen
	<u>3</u>	<u>65</u>

Sick Leave and Accidents

The year saw a further increase in both incidence and number of hours lost through sickness and accidents. Injuries on duty decreased slightly to 692 but the hours lost increased to 49,834. A total of 164,664 hours were lost through 4788 instances of sick leave and a further 20,810 hours were lost through 252 cases of injuries sustained whilst off duty.

Volunteer Fire Brigades

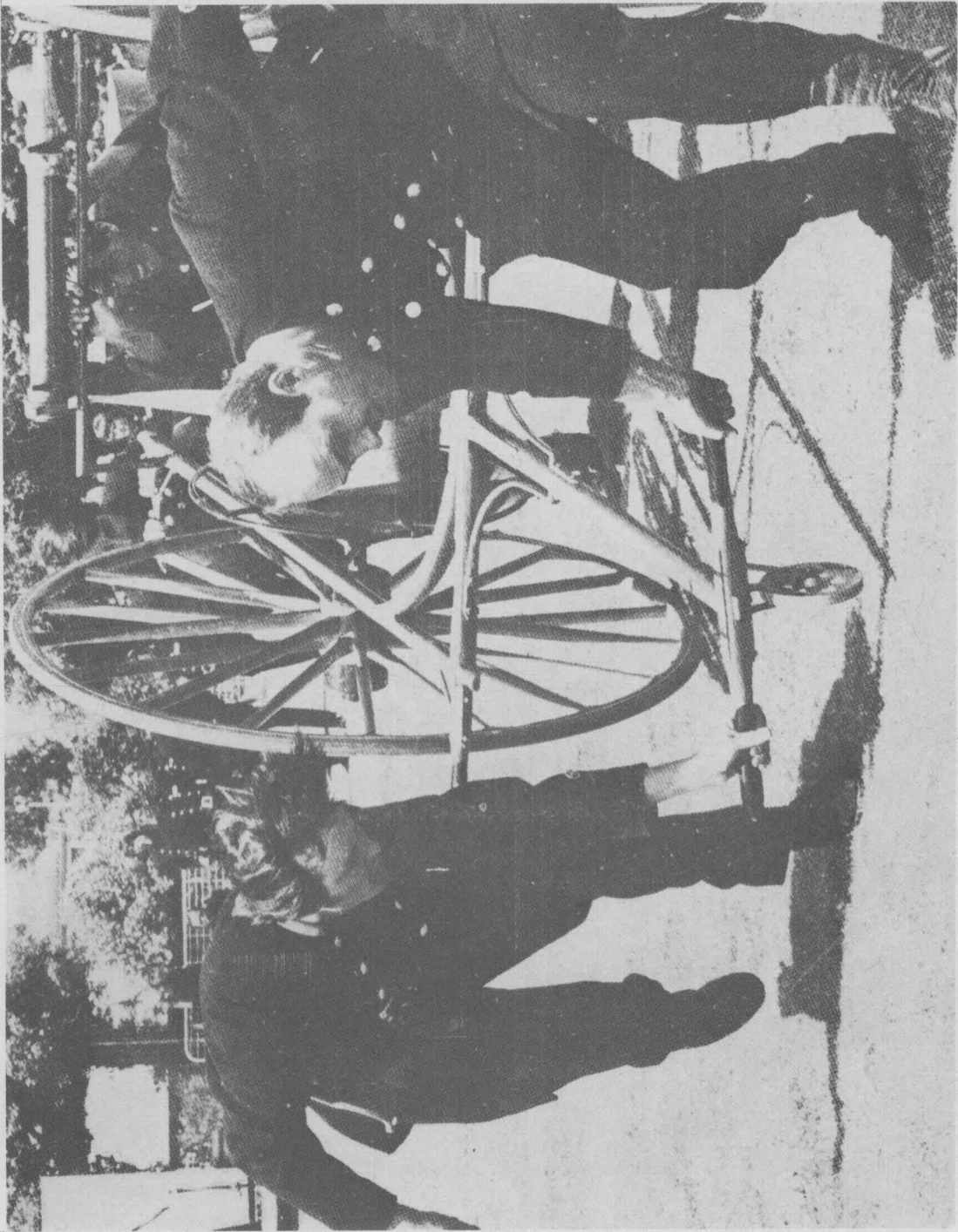
There are 200 brigades throughout the state which are comprised wholly of volunteer staff whilst further 50 are manned by both permanent and volunteer members: further detail is shown in Appendix IX.

The Board approved increases in the authorised strength of a number of volunteer brigades; 3 at Blackheath and 2 at Balranald, Bellbird, Murrurundi, Singleton, Toronto, Wee Waa and Wentworth. The 17 additional appointments brought the total strength of volunteer staff to 2893.

Demonstrations

A Zone Demonstration was held at Casino in March and a very successful Bi-ennial State Volunteer Fire Brigades Demonstration was held at Tweed Heads in October.

The brigades which competed in these demonstrations exhibited a high standard of training and efficiency and must be congratulated for their efforts.



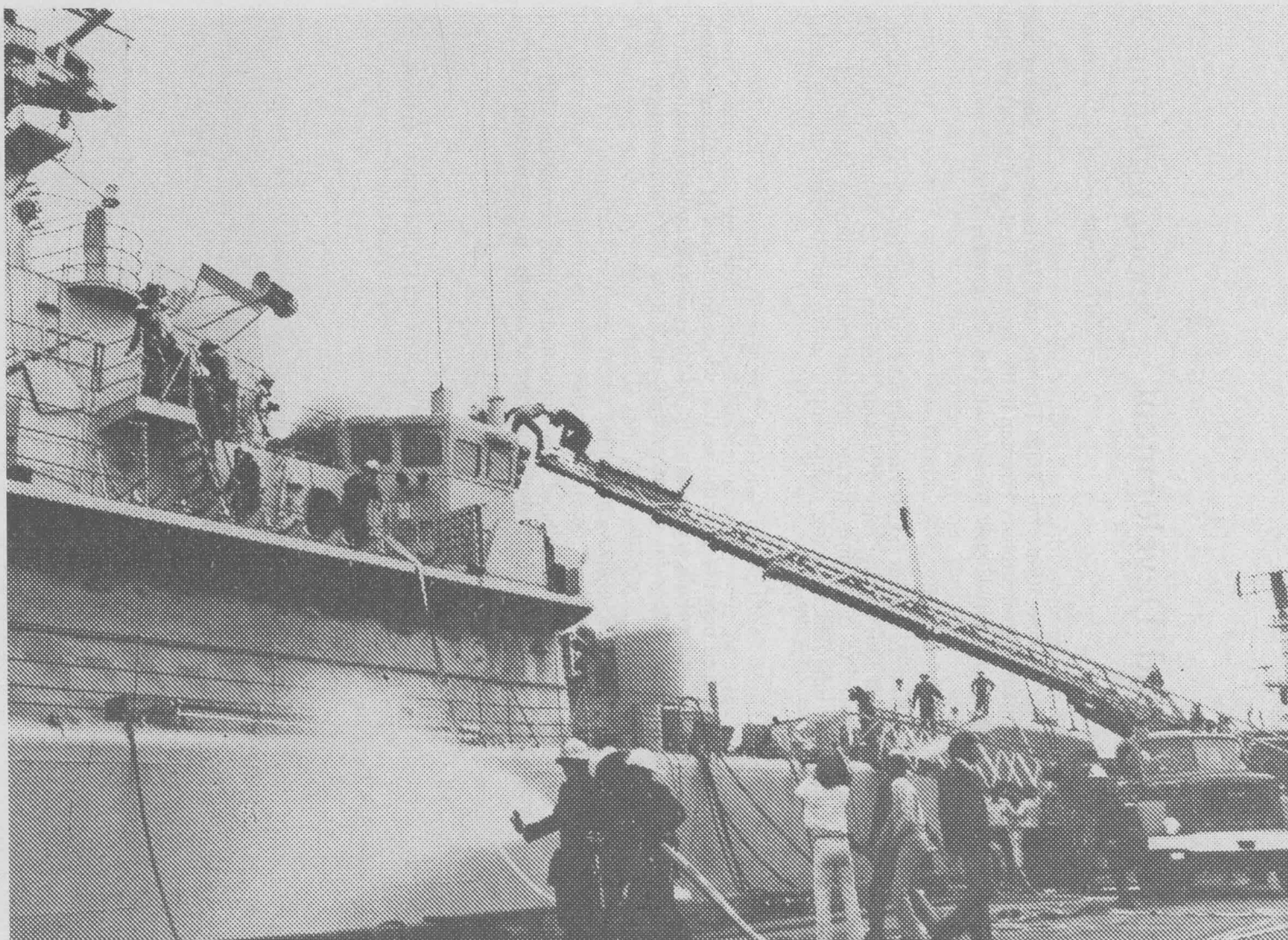
Here we see members of the Dubbo Brigade taking part in the hose reel event during the Zone Five Demonstration held in Wellington — photo credit Dubbo Liberal

Awards and Commendations

During 1980 a number of awards of the Queen's Fire Brigades (or Fire Brigade Long Service and Good Conduct Medal) were made. In future, recommendations will be made under the Australian Honours System and members of the the fire services in recognition of fifteen years' continuous service will become eligible for the National Medal.



The N.S.W. Fire Brigades Band leads the N.S.W. Fire Brigades Contingent in the 1980 Anzac Day March



Using the cage of the turntable ladders, firemen carried out a rescue of navy personnel at the Garden Island Dockyard exercise

Staff Training and Development

N.S.W. Fire Brigades

In its second full year of operation, the Staff Training and Development Section has continued to expand. Enrolment of Probationary Firemen in the Training College for 1981 totalled 132 and 105 had completed their initial basic training at 31st December, 1981.

In-Service Examinations were conducted for various ranks, two each for the ranks of District Officer and Station Officer and four for the rank of Senior Fireman. At 25 Motor Schools, 125 firemen qualified as competent to drive and operate brigade motor pumping appliances. An additional 102 firemen also qualified as being competent to drive and operate various aerial appliances.

Volunteer staff also received benefits from this section which conducted 11 weekend schools in country areas for Captains and volunteer firemen. In addition 3 weekend practical training courses were held at the Training College for volunteer staff and a total 108 attended these three courses.

Two Senior Regional Training Officers have been appointed to train permanent staff at all stations and since March 1980 have conducted training and drill at various stations on a total of 768 occasions.

A Regional Training Officer has also been appointed to carry out similar functions in respect of volunteer members in Zone 1 and since his appointment in May 1980, has conducted evening drill and training on 151 occasions.

The work of the section is not confined to training members of the N.S.W. Fire Brigades and during the year, lectures and instruction have been given to Hospitals, Nursing Homes, Government Departments, Schools, private firms and organisations. A total of 612 lectures were given throughout the year as well as 29 "Guest Speaker" engagements of clubs and seminars.

Practical training courses in fire fighting were conducted for members of the Merchant Navy, Australian Fire Prevention Association, Naval Police, N.S.W. Police, Department of Corrective Services as well as employees of Australia Post, Rheem Australia and others. A total of 672 persons received training over various periods ranging from one half day to as long as five weeks.

Administration and Service Departments

Courses were held for the middle and lower levels of the Administrative Staff and covered such subjects as the Fire Brigades Act and other relevant legislation, the history of the N.S.W. Fire Services and the Board of Fire Commissioners, Public Administration and Management.

Communications

Control Centre — Alexandria

The new Control Centre at Alexandria became operational on Saturday, 4th October at 0800 hours.

As of that date all emergency calls for the fire brigade made through the "000" network, were handled at the new Control Centre. However, during the "settling in" period, only those automatic fire alarms which had previously terminated at Kogarah Fire Station were transferred to Alexandria. Subsequently the automatic alarms, which terminated at the Manly, Hornsby, Stanmore, Parramatta, Crows Nest and Liverpool Fire Stations were transferred to the computer at the Control Centre. Due to the shortage of transponders, the alarms terminating at Headquarters Fire Station, Alexandria District Station and the Drummoyne Fire Station have yet to be transferred; however, expected deliveries should allow the work to proceed early in 1981.

All radio communications have been transferred to the Control Centre and, apart from some minor faults both the radio and telephone networks have performed satisfactorily.

The control of turn-outs and other procedural matters has operated smoothly and efficiently under normal conditions. However, a severe electrical storm in late December was responsible for generating abnormally heavy traffic on the "000" network in respect of all parts of the Sydney Fire District. This abnormal traffic created a number of problems which made it impracticable to process the recording of calls through the computer system. The experience highlighted some deficiencies which are being investigated.



Fire alarm data is fed into a computer by a keyboard on one of the numerous consoles in the Centre and is shown on the visual display units and from a print-out complex

Radio Communication

Following prolonged negotiation with the Department of Post and Telecommunications, the Board was allocated an additional radio Channel in the V.H.F. band and one in the U.H.F. band. The latter is for single frequency complex operation of hand held transceivers (walkie talkies) on the fire ground. In addition, approval was received for the use of a V.H.F. — U.H.F. cross band repeater system to enable radio transmission from the fireground to Control.

The survey of the Board's Radio Network by specialists from the Snowy Mountains Engineering Corporation was completed. Following this and the approval for additional channels, considerable work was undertaken to improve the Sydney Radio Network. This included the re-location of some base stations, and equipping them with 50 watt units and high gain antennae. The new base stations are located on "Northpoint" at North Sydney, M.L.C. Tower in the City of Sydney and at Terrey Hills, Castle Hill and Engadine. A ground-to-air transceiver was installed at the new Control Centre at Alexandria. Radio receivers tuned to the Wollongong and Katoomba frequencies were installed in the Bush Fire Control Centre. It is expected that the new channel, with a base station at Cecil Park and to be known as Channel "D" will be operative in the near future.

The Board has also approved the installation of radios tuned to the Board's frequency in some Bush Fire Control Officers' vehicles. The Board had already installed in some of its own vehicles, radios tuned to the Bush Fire Control Officers' frequency and this arrangement has greatly enhanced communication during bush fire emergencies.

Radio communication in country areas has not been neglected and a new 50 watt base station has been established at Mt. Sugarloaf to serve Newcastle, Maitland and the Coalfields areas. A total of 35 appliances in these areas have been equipped with radio. In addition to this all appliances in the Newcastle fire district have been fitted with new radios.

All appliances in the Wollongong area have also been equipped with the new radios and a new 50 W base station installed at Mt. Keira. A new frequency of 78.115 MHz came into operation late in December and no longer will Wollongong share the same frequency as Newcastle. This will eliminate the considerable interference caused by this shared frequency which has been experienced over the past years.

New 50 W base stations have also been installed in the Blue Mountains at Mt. Victoria, Katoomba and Lawson. Other country districts to be equipped with radio included Casino and Goulburn.

Mornington Fire Reporting Service

Installation of the F.R.S. has continued with twenty-five stations being connected in 1980. The total number of country stations equipped with F.R.S. is now 137.

Hazchem Emergency Action Code

The system was officially introduced into the service on 2nd July and action code cards and explanatory booklets have been distributed to all brigades.

The Hazchem scheme has been used in the London Fire Brigade for some years as part of an information service on hazardous substances. Initially the scheme was launched as a Hazard Information System applicable to road and rail bulk transport and for the static storage of chemicals. In the simplest terms, Hazchem is an action code which tells "unqualified" personnel exactly what to do at an emergency involving chemicals. The "unqualified" personnel being firemen, police and ambulancemen who would be expected to attend such emergencies.

In New South Wales Clause 188 of the Dangerous Goods Regulation requires a placard, indicating the substance being transported, to be displayed on bulk road transports. The information on this placard includes the appropriate Hazchem code for the substances. At present there are some 40 substances which are required to be placarded if transported in excess of specified quantities.

Bush Fire Organization

With the opening of the new Control Centre at Alexandria, the Bush Fire Control Centre was transferred from Headquarters to Alexandria and operates from an annexe of the Main Control Centre. Several bush fire emergencies have been controlled from the new centre which has functioned satisfactorily.

The prolonged drought throughout the State has created a high fire risk because the bushland fuel has become very dry. Several serious emergencies occurred in November which required action under Section 41F of the Bush Fires Act at Wollongong, Albion Park, Yellow Rock and in the Blue Mountains. Although these situations were serious and large areas of bushland were destroyed, although fortunately there has been no property loss. However, with the continued dry weather serious bush fire situations can be expected in the new year.

A total of sixty permanent and volunteer firemen have attended three Bush Fire Schools conducted by the Board. In addition to this, four Station Officers and two volunteer Captains attended the Bush Fire Council's School at Camp Mackay, Kurrajong, in August.

The Bush Fire Officer attended a one week Fire Control Officers' Seminar at Camp Mackay and both he and the Assistant Bush Fire Officer attended a two week Tanker Appreciation Course conducted by the Forestry Commission. The Assistant Bush Fire Officer has provided further training in bush fire fighting for firemen of stations which are equipped with Bush Fire Tankers. The Bush Fire Officer continues to represent the Board on a number of associations and committees including:

Outer Sydney Bush Fire Prevention Association.
Blue Mountains Bush Fire Prevention Association.
Central Coast Bush Fire Prevention Association.
Northern Zone Liaison Committee.
Southern Zone Liaison Committee.
Ku-ring-gai Co-ordinating Committee.

Liaison and co-operation between the Board's Brigades and Volunteer Bush Fire Brigades continues to remain at a very high level.



This picture needs no words to describe the desolation and loss caused by bush fires. High praise has been given to all members of the New South Wales Fire Brigades and the Bush Fire Brigades for their dedication during the destructive summer fires that raged in and around urban areas . . .

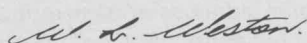
Photo credit — Sydney Sun

Conclusion

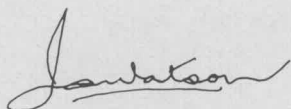
Once again the Board wishes to place on record its sincere appreciation of the co-operation and assistance received from the various State Government Departments, with which it has been associated as well as Local Government Services, the Health Commission of New South Wales and Volunteer Bush Fire Brigades.

The Board also appreciates the co-operation, assistance and loyalty it has received from all sections of its organization, including both the permanent fire brigades and officers and the members of volunteer fire brigades, administration personnel and the various service departments.

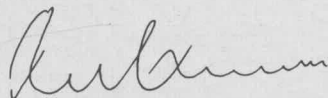
The appendices of this report contain a wide range of information and your attention is drawn to them.



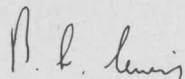
W. L. WESTON



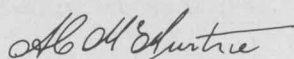
J. H. WATSON



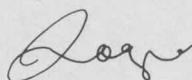
R. W. DOWN



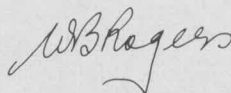
B. L. LEWIS



A. C. McMURTRIE



A. H. ROGER



W. B. ROGERS

Members of the Board
of Fire Commissioners
of New South Wales.

APPENDICES

Appendix I

AUDITORS' REPORT

THE MEMBERS

BOARD OF FIRE COMMISSIONERS OF NEW SOUTH WALES

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, 1980, 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 provisions of the Fire Brigades Act 1909 and the accounting principles described in note 1 to the accounts.

Arthur Young & Company

ARTHUR YOUNG & COMPANY.

R. H. Laing

R. H. LAING, Partner, Chartered Accountants.

Sydney, 6th April, 1981.

Appendix I — (continued)

BOARD OF FIRE COMMISSIONERS OF NEW SOUTH WALES

BALANCE SHEET—31ST DECEMBER, 1980

	1980	1979
	\$	\$
Capital Funds—		
Fire appliances and equipment fund	7,361,440	6,014,874
Real property fund	10,445,442	9,565,649
	17,806,882	15,580,523
Accumulated Accounts — Surplus (Deficit)—		
Administration	10,836	(270,904)
Revenue and Expenditure	(539,856)	(1,722,280)
	17,277,862	13,587,339
Debentures—		
Payable within twelve months	509,048	436,667
Payable after twelve months	4,569,046	3,920,951
	5,078,094	4,357,618
Current Liabilities—		
Creditors and accrued expenses	5,882,952	4,830,458
Bank overdraft	—	179,666
Contributions received in advance	2,184,539	892,771
	8,067,491	5,902,895
	30,423,447	23,847,852
Fixed Assets—		
Freehold land and buildings—at cost	13,532,727	11,162,919
Motor fire appliances—		
At valuation	6,855,655	5,246,867
At cost	1,545,142	1,842,132
Equipment—at cost	462,317	425,188
	22,395,841	18,677,106
Current Assets—		
Cash at bank and on hand	1,110,485	3,327
Short term deposits	6,000,000	4,300,000
Sundry debtors and prepayments	338,481	333,355
Stocks on hand and work in progress	578,640	534,064
	8,027,606	5,170,746
	30,423,447	23,847,852

The accompanying notes form part of these financial statements.

Appendix I — (continued)

REVENUE AND EXPENDITURE ACCOUNT — YEAR ENDED 31ST DECEMBER, 1980

REVENUE

	1980	1979
	\$	\$
Contributions—		
New South Wales Government	7,881,340	6,192,204
Insurance companies and owners	47,128,099	37,153,224
Local Government	7,881,340	6,192,204
	62,890,779	49,537,632
Other Income—		
Liquidators distributions	49	9,154
Rent	88,085	82,063
Sales of material and services rendered	341,735	336,061
Interest	1,213,128	868,885
	1,642,997	1,296,163
Total Revenue—	64,533,776	50,833,795
Credited to capital funds	2,704,034	3,355,224
	61,829,742	47,478,571

SUMMARY OF REVENUE AND EXPENDITURE

		1980	1979
		\$	\$
Revenue		61,829,742	47,478,571
Expenditure		60,647,318	50,489,500
		1,182,424	(3,010,929)
Accumulated surplus/(deficit) brought forward	(1,722,280)		1,286,764
Add contributions by insurance companies not received following liquidation	—	(1,722,280)	1,885
Accumulated (deficit)		(539,856)	(1,722,280)

The accompanying notes form part of these financial statements.

Appendix I — (continued)

REVENUE AND EXPENDITURE ACCOUNT — YEAR ENDED 31st DECEMBER, 1980

EXPENDITURE

		1980	1979
	\$	\$	\$
Interest on Loans—			
Motors and buildings		453,810	393,002
Salaries and Related Payments—			
Salaries of full time			
fire fighting staff	37,108,299		32,613,536
Salaries of volunteer firemen	3,467,594		2,680,895
Payroll tax	1,988,898		1,716,870
Superannuation	4,951,867		4,099,089
Workers' compensation insurance	969,939		590,823
Clothing	799,726		548,218
		49,286,323	42,249,431
Buildings—			
Insurance	46,811		32,000
Rates—council and water	334,579		303,494
Rent payable	99,336		62,957
Repairs to fire stations and other buildings	1,233,542		914,143
		1,714,268	1,312,594
Equipment—			
Fuel and oil	468,746		271,983
Hose—repairs and replacements	160,000		55,000
Insurance	321,142		290,496
Repairs to motor fire appliances			
and other equipment	1,959,102		1,615,234
Replacement of tools, minor equipment			
and sundry materials	783,287		1,094,347
		3,692,277	3,327,060
Miscellaneous—			
General expenses	452,410		319,842
Lighting and heating	222,144		208,394
Telephone and electric plant	1,522,821		698,539
Telephone, rent and charges	703,338		670,545
Travelling, cartage and freight	399,571		224,686
Training and development	705,062		116,407
		4,005,346	2,238,413
Administration		1,495,294	969,000
Total Expenditure		60,647,318	50,489,500

The accompanying notes form part of these financial statements.

Appendix I — (continued)

ADMINISTRATION ACCOUNT — YEAR ENDED 31ST DECEMBER, 1980

			1980	1979
	\$	\$	\$	\$
Charges—				
Charges for Administration in accordance with Estimates—				
Sydney Fire District 1.77 per cent			902,648	493,761
Other Fire Districts 3 per cent, 4 per cent and 5 per cent			592,646	475,239
			1,495,294	969,000
Less—Expenditure Salaries and Related Payments—				
Salaries	788,975			667,406
Payroll tax	39,449			33,370
Superannuation... ..	38,622			83,426
Workers Compensation	23,669			13,348
		890,715		797,550
Miscellaneous—				
Audit fees	14,900			13,380
Bank charges and interest	26,680			23,531
Board fees	14,441			13,658
General expenses	142,425			154,192
Insurance—personal accident	3,960			1,121
Law costs	3,739			2,588
Stamp duty	13,112			12,109
Printing, postage and stationery	27,743			45,934
Rent	21,624			6,779
Repairs and replacements	11,100			8,078
Sundry materials	—			8,596
Telephone rent and charges	17,296			14,039
Travelling	25,819			35,165
Contributions by insurance companies classified as bad debts	—			1,885
		322,839		341,055
Total Expenditure			1,213,554	1,138,605
Surplus/(Deficit) of charges over expenditure			281,740	(169,605)
Accumulated (deficit) brought forward			(270,904)	(101,299)
Accumulated Surplus/(Deficit) carried forward			10,836	(270,904)

The accompanying notes form part of these financial statements.

Appendix I — (continued)

MOVEMENTS ON CAPITAL FUNDS—YEAR ENDED 31ST DECEMBER, 1980

								1980	1979
								\$	\$
Fire Appliances and Equipment Fund—									
Balance brought forward	...	...	...	...	...	...	...	6,014,874	4,435,875
Contributions	...	...	...	...	...	...	...	1,997,227	2,089,141
								8,012,101	6,525,016
Loss on disposal of motor vehicles	...	...	...	...	...	...	...	16,526	13,294
Revaluation	...	...	...	...	...	...	...	634,135	496,848
								650,661	510,142
Balance carried forward	...	...	...	...	...	...	...	7,361,440	6,014,874
Real Property Fund—									
Balance brought forward	...	...	...	...	...	...	...	9,565,649	8,268,089
Contributions	...	...	...	...	...	...	...	706,807	1,266,083
Surplus on sale	...	...	...	...	...	...	...	172,986	31,477
Balance carried forward	...	...	...	...	...	...	...	10,445,442	9,565,649

The accompanying notes form part of these financial statements.

BOARD OF FIRE COMMISSIONERS OF NEW SOUTH WALES

NOTES TO AND FORMING PART OF THE ACCOUNTS

AT 31ST DECEMBER, 1980

- 1. 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.
- 2. Revenue and expenditure is accounted for on a cash basis with the exception that accruals are made of the unpaid cost of goods received on or before 31 December and of salaries and related costs for the period to 31 December 1980 (excluding long service leave and holiday pay).
- 3. 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.
- 4. 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.
- 5. Stocks on hand and work in progress 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 valuing stocks at the lower of cost and net realisable value and the cost of work-in-progress at 31 December, 1980.
- 6. Contracts for capital expenditure.

	1980	1979
	\$	\$
Estimated capital expenditure which has been contracted for at balance date but not provided for		
— building programme	644,407	282,407
— motor programme	1,532,080	673,000
	<u>2,176,487</u>	<u>955,407</u>

Appendix II

ESTIMATES OF EXPENDITURE FOR YEAR 1980

	\$		\$
1. ABERDEEN Fire District	6,368	49. CORAKI Fire District	16,064
2. ALBURY Fire District	412,416	50. COROWA Fire District	24,704
3. ALSTONVILLE Fire District	18,432	51. COWRA Fire District	14,048
4. ARMIDALE Fire District	79,712	52. CROOKWELL Fire District	34,112
5. BALLINA Fire District	18,464	53. CULCAIRN Fire District	18,560
6. BALRANALD Fire District	14,304	54. DENILQUIN Fire District	23,328
7. BANGALOW Fire District	19,296	55. DORRIGO Fire District	16,128
8. BARHAM Fire District	12,864	56. DUBBO Fire District	83,200
9. BARRABA Fire District	15,104	57. DUNEDOO Fire District	9,952
10. BATEMANS BAY Fire District	23,712	58. DUNGOG Fire District	15,456
11. BATHURST Fire District	70,816	59. EDEN Fire District	25,632
12. BATLOW Fire District	11,232	60. EVANS HEAD Fire District	9,792
13. BEGA Fire District	37,408	61. FINLEY Fire District	19,136
14. BELLINGEN Fire District	12,480	62. FORBES Fire District	18,784
15. BERRIGAN Fire District	14,144	63. FORSTER Fire District	11,776
16. BERRY Fire District	320	64. GILGANDRA Fire District	13,696
17. BINGARA Fire District	9,152	65. GLEN INNES Fire District	43,808
18. BLAYNEY Fire District	16,000	66. GLOUCESTER Fire District	16,800
19. BLUE MOUNTAINS Fire District	610,400	67. GOSFORD Fire District	599,360
20. BOGGABRI Fire District	18,016	68. GOULBURN Fire District	69,760
21. BOMBALA Fire District	16,064	69. GRAFTON Fire District	72,000
22. BOOROWA Fire District	15,808	70. GRENFELL Fire District	19,584
23. BOURKE Fire District	36,928	71. GRIFFITH Fire District	21,536
24. BOWRAL Fire District	22,368	72. GULGONG Fire District	13,120
25. BOWRAVILLE Fire District	11,392	73. GUNDAGAI Fire District	22,144
26. BRAIDWOOD Fire District	11,840	74. GUNNEDAH Fire District	33,056
27. BRANXTON-GRETA Fire District	10,304	75. GUYRA Fire District	11,808
28. BREWARRINA Fire District	13,152	76. HAY Fire District	20,448
29. BROKEN HILL Fire District	407,136	77. HELENSBURGH Fire District	42,016
30. BRUNSWICK HEADS Fire District	19,520	78. HENTY Fire District	18,336
31. BUDGEWOI Fire District	30,976	79. HILLSTON Fire District	14,848
32. BUNDANOON Fire District	15,424	80. HOLBROOK Fire District	20,320
33. BUNDEENA Fire District	20,064	81. ILLAWARRA Fire District	1,443,296
34. BYRON BAY Fire District	27,232	82. INVERELL Fire District	85,888
35. CAMDEN Fire District	42,464	83. JERILDERIE Fire District	13,440
36. CAMPBELLTOWN Fire District	664,352	84. JINDABYNE Fire District	14,016
37. CANOWINDRA Fire District	12,416	85. JUNE Fire District	20,512
38. CASINO Fire District	44,192	86. KANDOS Fire District	13,920
38. CESSNOCK Fire District	115,008	87. KEMPSEY Fire District	23,648
40. COBAR Fire District	27,456	88. KIAMA Fire District	14,912
41. COFFS HARBOUR Fire District	106,976	89. KINGSCLIFF Fire District	26,080
42. CONDOBOLIN Fire District	23,424	90. KURRI KURRI Fire District	124,640
43. COOLAH Fire District	11,264	91. KYOGLE Fire District	21,088
44. COOLAMON Fire District	16,448	92. LAKE CARGELLIGO Fire District	9,568
45. COOMA Fire District	36,128	93. LAKE MACQUARIE Fire District	620,576
46. COONABARABRAN Fire District	20,032	94. LAURIETON Fire District	15,200
47. COONAMBLE Fire District	14,368	95. LEETON Fire District	17,632
48. COOTAMUNDRA Fire District	19,904	96. LISMORE Fire District	129,568

Appendix II — (continued)

ESTIMATES OF EXPENDITURE FOR YEAR 1980

	\$		\$
97. LITHGOW Fire District	122,656	140. SCONE Fire District	22,624
98. LOCKHART Fire District	19,136	141. SHELLHARBOUR Fire District ...	49,440
99. LOWER HUNTER Fire District ...	18,176	142. SINGLETON Fire District	23,392
100. MACKSVILLE Fire District	18,336	143. SOUTH WEST ROCKS Fire District	28,288
101. MACLEAN Fire District	19,936	144. SYDNEY Fire District	48,704,928
102. MAITLAND Fire District	186,720	145. TAMWORTH Fire District	122,336
103. MANILLA Fire District	14,816	146. TAREE Fire District	17,472
104. MERRIWA Fire District	18,368	147. TEA GARDENS	24,128
105. MITTAGONG Fire District	21,472	148. TEMORA Fire District	18,720
106. MOAMA Fire District	16,608	149. TENTERFIELD Fire District ...	14,528
107. MOLONG Fire District	18,144	150. TERRIGAL Fire District	18,272
108. MOREE Fire District	24,768	151. THE ENTRANCE Fire District ...	83,808
109. MORISSET Fire District	29,152	152. TOCUMWAL Fire District	9,856
110. MORUYA Fire District	17,696	153. TOUKLEY Fire District	30,496
111. MOSS VALE Fire District	28,416	154. TRANGIE Fire District	14,048
112. MUDGEE Fire District	25,472	155. TUMBARUMBA Fire District ...	18,528
113. MULLUMBIMBY Fire District ...	13,152	156. TUMUT Fire District	27,264
114. MURRUMBURRAH Fire District ...	14,816	157. TWEED HEADS Fire District ...	40,096
115. MURRURUNDI Fire District	13,408	158. ULLADULLA Fire District	16,704
116. MUSWELLBROOK Fire District ...	22,816	159. URALLA Fire District	19,712
117. MURWILLUMBAH Fire District ...	19,968	160. URUNGA Fire District	17,344
118. NAMBUCCA HEADS Fire District ...	25,920	161. WAGGA WAGGA Fire District ...	612,928
119. NARRABRI Fire District	23,680	162. WALCHA Fire District	9,280
120. NARRANDERA Fire District	33,120	163. WALGETT Fire District	14,784
121. NARROMINE Fire District	17,024	164. WALLERAWANG Fire District ...	11,968
122. NELSON BAY Fire District	17,056	165. WARIALDA Fire District	12,960
123. NEWCASTLE Fire District	3,431,680	166. WARRAGAMBA Fire District ...	11,648
124. NOWRA Fire District	42,048	167. WARREN Fire District	27,648
125. NYNGAN Fire District	13,696	168. WAUCHOPE Fire District	15,296
126. OBERON Fire District	10,240	169. WEE WAA Fire District	19,360
127. ORANGE Fire District	95,168	170. WELLINGTON Fire District ...	25,984
128. PARKES Fire District	25,632	171. WENTWORTH Fire District	13,056
129. PAXTON Fire District	9,120	172. WERRIS CREEK Fire District ...	17,504
130. PEAK HILL Fire District	6,592	173. WEST WYALONG Fire District ...	17,664
131. PENRITH Fire District	652,672	174. WINDSOR Fire District	61,120
132. PICTON Fire District	16,704	175. WINGHAM Fire District	8,352
133. PORTLAND Fire District	16,384	176. WOOLGOOLGA Fire District ...	26,208
134. PORT MACQUARIE Fire District ...	135,360	177. WYONG Fire District	18,208
135. QUEANBEYAN Fire District	160,384	178. YAMBA Fire District	16,096
136. QUIRINDI Fire District	115,456	179. YASS Fire District	24,672
137. RAYMOND TERRACE Fire District ...	21,024	180. YENDA Fire District	16,096
138. RIVERSTONE Fire District	27,616	181. YOUNG Fire District	26,944
139. SAWTELL Fire District	19,776		

Appendix III

CONTRIBUTIONS BY SHIRE AND MUNICIPAL COUNCILS, 1980

COUNCIL	CONTRIBUTION \$	COUNCIL	CONTRIBUTION \$
1. Albury	51,552.00	65. Gundagai	2,768.00
2. Armidale	9,964.00	66. Gunnedah	4,132.00
3. Ashfield	76,225.35	67. Guyra	1,476.00
4. Auburn	132,987.20	68. Harden	1,852.00
5. Ballina	4,612.00	69. Hastings	3,812.00
6. Balranald	1,788.00	70. Hay	2,556.00
7. Bankstown	340,885.77	71. Holbrook	2,540.00
8. Barraba	1,888.00	72. Holroyd	150,348.68
9. Bathurst	8,852.00	73. Hornsby	199,805.90
10. Baulkham Hills	139,769.79	74. Hunters Hill	40,366.05
11. Bega	4,676.00	75. Hurstville	165,441.60
12. Bellingen	5,744.00	76. Imlay	3,204.00
13. Berrigan	5,392.00	77. Inverell	10,736.00
14. Bingara	1,144.00	78. Jerilderie	1,680.00
15. Blacktown	153,478.08	79. Junee	2,564.00
16. Bland	2,208.00	80. Kempsey	6,492.00
17. Blayney	2,000.00	81. Kiama	1,864.00
18. Blue Mountains	76,300.00	82. Kogarah	129,113.98
19. Bogan	1,712.00	83. Ku-Ring-Gai	298,540.24
20. Bombala	2,008.00	84. Kyogle	2,636.00
21. Boorowa	1,976.00	85. Lachlan	4,124.00
22. Botany	99,128.54	86. Lake Macquarie	81,216.00
23. Bourke	4,616.00	87. Lane Cove	82,469.71
24. Bowral	2,796.00	88. Leeton	2,204.00
25. Brewarrina	1,644.00	89. Leichhardt	121,702.39
26. Broken Hill	50,892.00	90. Lismore	16,196.00
27. Burwood	70,734.17	91. Lithgow	18,876.00
28. Byron	8,256.00	92. Liverpool	121,727.31
29. Cabonne	3,820.00	93. Lockhart	2,392.00
30. Camden	5,308.00	94. Maclean	4,504.00
31. Campbelltown	83,044.00	95. Maitland	24,114.52
32. Canterbury	230,617.12	96. Manilla	1,852.00
33. Carathool	1,856.00	97. Manly	99,876.29
34. Casino	5,524.00	98. Manning	466.66
35. Cessnock	32,384.00	99. Marrickville	123,861.01
36. Cobar	3,432.00	100. Merriwa	2,296.00
37. Coffs Harbour	19,120.00	101. Mittagong	2,684.00
38. Colo	630.93	102. Moree	3,096.00
39. Concord	64,639.81	103. Mosman	93,272.79
40. Coolah	2,652.00	104. Mudgee	4,824.00
41. Coolamon	2,056.00	105. Mullumbimby	1,644.00
42. Cooma	4,516.00	106. Murray	2,076.00
43. Coonabarabran	2,504.00	107. Murrumbidgee	1,676.00
44. Coonamble	1,796.00	108. Muswellbrook	2,496.00
45. Cootamundra	2,488.00	109. Nambucca	6,956.00
46. Corowa	3,088.00	110. Namoi	4,672.00
47. Cowra	1,756.00	111. Narrabri	2,960.00
48. Crookwell	4,264.00	112. Narrandera	4,140.00
49. Culcairn	4,612.00	113. Narromine	2,128.00
50. Deniliquin	2,916.00	114. Newcastle	429,862.38
51. Drummoyne	82,730.69	115. North Sydney	169,606.55
52. Dubbo	10,400.00	116. Oberon	1,280.00
53. Dungog	1,932.00	117. Orange	11,896.00
54. Eurobodalla	5,176.00	118. Parkes	3,204.00
55. Fairfield	203,731.51	119. Parramatta	283,441.48
56. Forbes	2,348.00	120. Parry	2,188.00
57. Gilgandra	1,712.00	121. Penrith	81,584.00
58. Glen Innes	5,476.00	122. Port Macquarie	16,920.00
59. Gloucester	2,100.00	123. Port Stephens	5,355.10
60. Goobang	824.00	124. Queanbeyan	20,048.00
61. Gosford	77,204.00	125. Quirindi	1,932.00
62. Goulburn	8,720.00	126. Randwick	230,626.70
63. Grafton	9,000.00	127. Richmond River	3,232.00
64. Great Lakes	4,021.34	128. Rockdale	197,779.87

APPENDIX IV—1981

Appendix IV—Part A

INSURANCE COMPANIES — 1980 LIST

1. A.C.I. Insurances Pty Ltd.
2. A.F.G. Insurances Ltd.
3. A.G.C. Insurances Ltd.
4. A.I.A. Insurance Syndicate.
5. A.M.P. Fire & General Insurance Co. Ltd.
6. A.N.Z. Insurances Pty Ltd.
7. A.P.A. Fire & General Insurance Co. Ltd.
8. Accident Insurance Mutual Ltd.
9. Affiliated Reinsurance Pty Ltd.
10. Victor Aghion & Sons Pty Ltd — London Companies.
11. Victor Aghion & Sons Pty Ltd — Other Companies.
12. Ajax Insurance Co. Ltd.
13. Albion Insurance Co. Ltd.
14. American Home Assurance Co.
15. American Reinsurance Co.
16. Ansva Australia Insurance Ltd.
17. Associated General Contractors Insurance Co. Ltd.
18. Associated Group Insurance Ltd.
19. Associated National Insurance Co. Ltd.
20. Australian American Assurance Co. Ltd.
21. Australian Community Insurance Co. Ltd.
22. Australian Eagle Insurance Co. Ltd.
23. Australian Insurance Brokers Ltd.
24. Australian Marine Underwriting Agency Pty Ltd.
25. Australian Natives Association Insurance Co. Ltd.
26. Australian Reinsurance Co. Ltd.
27. Automobile and General Insurance Co. Pty. Ltd.
28. Baillieu Bowring (N.S.W.) Pty Ltd.
29. Baillieu Bowring (Reinsurance) Pty Ltd.
30. Baillieu Bowring (Reinsurance) Pty Ltd (Lloyds Underwriters).
31. Baillieu Bowring (Vic.) Pty Ltd (Lloyds Underwriters).
32. Bain Dawes Northern Pty Ltd.
33. Bain Dawes Reinsurance Pty Ltd.
34. Bain Dawes Southern Pty Ltd.
35. Baltica-Skandinavia Insurance Co.
36. Robert Barrow (Australia) Pty Ltd (Lloyds & Companies).
37. Bishopsgate Insurance Australia Ltd.
38. Boral Insurance & Fund Management Ltd.
39. C.G.A. Fire & Accident Insurance Co. Ltd.
40. C.M.L. Fire & General Insurance Co. Ltd.
41. Carpenter Locke Insurance Pool.
42. Catholic Church Insurances Ltd.
43. B. Chalmers Leask Underwriting Agencies Pty Ltd.
44. Chamber of Manufacturers Insurance Ltd.
45. China Underwriters Life & General Insurance Co. Ltd.
46. Chiyoda Fire & Marine Insurance Co.
47. Church of England Insurance Co. of Australia Ltd.
48. City Mutual General Insurance Ltd.
49. T.P. Clark & Chapman Pty Ltd.
50. T.P. Clark & Chapman (Reinsurance) Pty Ltd.
51. Cologne Reinsurance Co.
52. Commercial Risk Specialists (Australia) Pty Ltd.
53. Commercial Union Australia Group of Insurance Companies.
54. Commonwealth Savings Bank of Australia.
55. Commonwealth Trading Bank of Australia.
56. Consolidated Insurances of Australia Ltd.
57. Co-Operative Insurance Co. of Australia Ltd.
58. Cornhill Insurance Co. Ltd.
59. Crest Insurance Co. of Australia Ltd.
60. Crusader Insurance Co. of Australia Ltd.
61. Cumis Insurance Society Inc.
62. Defence Service Homes Corporation.

Appendix IV—Part A—*(continued)*

INSURANCE COMPANIES — 1980 LIST

63. Dominion Insurance Co. of Australia Ltd.
64. Employers Mutual Indemnity Association Ltd.
65. Excelsior Insurance Pty Ltd.
66. F.A.I. Insurance Group.
67. Farmers & Graziers Co-Operative Co. Ltd.
68. Federation Insurance Ltd.
69. F.M. Insurance Co. Ltd.
70. G.M. Forsaith Aviation Underwriting Agency Pty Ltd.
71. Forskringsakieselskapet Vesta.
72. General Accident Fire & Life Assurance Corporation Ltd.
73. Gibbs Bright Mercantile Insurance Co. Ltd.
74. Glanvill Holland Pty Ltd
75. Government Insurance Office of N.S.W
76. Greater Midwestern Insurance Ltd.
77. Greater Pacific General Insurance Ltd.
78. G.R.E. Insurance Ltd.
79. Guild Insurance Co. Ltd.
80. Halliday & Nicholas Pty Ltd.
81. Hallmark General Insurance Co. Ltd.
82. Hartford Fire Insurance Co.
83. C.E. Heath Insurance Broking (Australia) Pty Ltd.
84. C.E. Heath Underwriting Agencies Pty Ltd.
85. C.E. Heath Underwriting & Insurance (Australia) Pty Ltd.
86. Hematite Insurances Pty Ltd.
87. Hogg Robinson C.C.L. Pty Ltd.
88. Home Owners Insurance Pty Ltd.
89. Alexander Howden Insurance Brokers (Aust.) Pty Ltd
(Late Harlock & Galli Pty Ltd).
90. Hudig Langeveldt Pty Ltd — Lloyds Underwriters.
91. I.C. Insurance Australia Ltd.
92. Insurance Co. of North America (Australia) Ltd.
93. International Specialist Underwriters Ltd.
94. Inverness Insurance Ltd.
95. Jardine Turnbull (Insurances) Pty Ltd.
96. Kemper Insurance Co. Ltd.
97. Legal & General Insurance of Australia Ltd.
98. Legal & General Insurance of Australia Ltd (Master Plan)
99. Leslie Godwin & Garroway Pty Ltd.
100. Leslie & Godwin International Ltd.
101. Lombard Insurance Co. Ltd.
102. Lowndes Lambert Australia Insurances Ltd.
103. Edward Lumley (Aust.) Pty Ltd — N.S.W. Branch.
104. Edward Lumley (Aust.) Pty Ltd — Queensland Branch.
105. Edward Lumley (Aust.) Pty Ltd — Adelaide Branch.
106. Edward Lumley (Aust.) Pty Ltd — Victorian Branch.
107. L'Union Des Assurances De Paris.
108. M.L.C. Fire & General Insurance Co. Pty Ltd.
109. Manufacturers Mutual Insurance Ltd.
110. Marsh & McLennan Pty Ltd.
111. Marsh & McLennan Pty Ltd — Lloyds.
112. Marshall Golding Adam Reinsurance Pty Ltd.
113. Mercantile & General Reinsurance Co. of Australia Ltd.
114. Mercantile Mutual Insurance Co. Ltd.
115. M.C. of Australasia Pty Ltd.
116. J.H. Minet & Co. (A.N.Z.) Pty Ltd.
117. Monarch Insurance Co. Ltd.
118. Motor Accident Mutual Insurance Pty Ltd.
119. Munich Management Pty Ltd.
120. Munich Reinsurance Co. of Australia Ltd.
121. Mutual Acceptance (Insurance) Ltd.
122. N.R.G. London Reinsurance Co. Ltd.
123. N.R.M.A. Insurance Ltd.
124. N.S.W. General Insurance Co. Pty Ltd.

Appendix IV—Part A—*(continued)*

INSURANCE COMPANIES — 1980 LIST

125. National & General Insurance Co. Ltd.
 126. National Employers Mutual General Insurance Assoc. Ltd.
 127. National Insurance Co. of New Zealand Ltd.
 128. National Mutual Fire Insurance Co. Ltd.
 129. La Neuchateloise Compagnie Suisse D'Assurances Generals.
 130. New India Assurance Co. Ltd.
 131. New Reinsurance Geneva Pty Ltd.
 132. New Zealand Insurance Co. Ltd.
 133. Nippon Fire & Marine Insurance Co. Ltd.
 134. Norwich Winterthur Insurance (Australia) Ltd.
 135. Oak Insurance Ltd.
 136. Orion Insurance Co. Ltd.
 137. Palmdale Insurance Ltd.
 138. Pan Australian Insurance Ltd.
 139. Preservatrice Insurance Australia Ltd.
 140. Phoenix Assurance Co. of Australia Ltd.
 141. Provincial Insurance Co. Ltd.
 142. Prudential Assurance Co. Ltd.
 143. Q.B.E. Insurance Ltd.
 144. Reinsurance Co. of Australasia Ltd.
 145. Retail Traders Insurance Co. Ltd.
 146. Royal Insurance Australia Ltd.
 147. Sapphire Insurance Co. Pty Ltd.
 148. Security & General Insurance Co. Ltd.
 149. Sedgwick Pty Ltd — N.S.W. Division.
 150. Sedgwick Pty Ltd.
 151. Sentry Insurance (Australasia) Ltd.
 152. Shaftsbury Insurance Co.
 153. Sirius Insurance Co. Ltd.
 154. Skandia Insurance Co. Ltd.
 155. Societe Commerciale De Reinsurance.
 156. South British Insurance Co. Ltd.
 157. Southern Pacific Insurance Co. Ltd.
 158. Sphere Insurance Co. Ltd — Australian Branch.
 159. State Government Insurance Office — Queensland.
 160. Steeves Agnew (Australia) Pty Ltd.
 161. Stenhouse Marketing Services (Australia) Ltd.
 162. Stewart Wrightson Australia — N.S.W. Division.
 163. Stewart Wrightson Australia — Victorian Division.
 164. Stewart Wrightson (Reinsurance Brokers) Pty Ltd.
 165. Storebrand International Reinsurance Co. of Aust. Pty Ltd.
 166. Sumitomo Marine & Fire Insurance Co. Ltd.
 167. Sun Alliance Insurance Ltd.
 168. Swann Insurance Ltd.
 169. Switzerland General Insurance Co. Ltd.
 170. T. & G. Fire & General Insurance Co. Ltd.
 171. Taisho Marine & Fire Insurance Co. Ltd.
 172. Thompson, Graham (Australia) Pty Ltd.
 173. Timber Trade Mutual Insurance Ltd.
 174. Tobacco Insurance Co. Ltd.
 175. Tokio Marine & Fire Insurance Co. Ltd.
 176. Toowoomba Insurance Pty Ltd.
 177. Traders Prudent Insurance Co. Ltd.
 178. Trans-Pacific Insurance Co. (Australia) Ltd.
 179. Transport Industries Insurance Co. Ltd.
 180. Union Assurance Society of Australia Ltd.
 181. Union Reinsurance Co.
 182. V.A.C.C. Insurance Co. Ltd.
 183. Vanguard Insurance Co. Ltd.
 184. Victory Reinsurance Co. of Australia Ltd.
 185. Vigilant Insurance Co.
 186. J.H. Wackerbarth (Australasia) Pty Ltd.
 187. Waltons Insurance Co. Ltd.
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Appendix IV—Part A—*(continued)*

INSURANCE COMPANIES — 1980 LIST

188. Western Australian Insurance Co. (Canberra) Ltd.
 189. Wigham Poland (N.S.W.) Pty Ltd.
 190. Willis Faber Johnson & Higgins Pty Ltd.
 191. Willis Faber Johnson & Higgins (Reinsurance) Pty Ltd.
 192. Yasuda Fire & Marine Insurance Co. Ltd.
 193. Marsh & McLennan Pty Ltd (Bligh Pacific Insurances).
 194. Westminster Insurance Co. Ltd.
-

Appendix IV—Part B

OWNERS — 1980 LIST

1. A.D. International (Aust) Pty Ltd.
 2. Adler Business Machines Pty Ltd.
 3. Alcan Australia Ltd.
 4. B.P. Australia Ltd.
 5. Caltex Oil Australia Pty Ltd.
 6. Chrysler Australia Ltd.
 7. Coca-Cola Export Company.
 8. Dow Chemical (Aust) Ltd.
 9. Gestetner Pty Ltd.
 10. Gilbarco Aust. Ltd.
 11. Hoyts Theatres Ltd.
 12. I.B.M. Australia Ltd.
 13. Magnus Goldring Pty Ltd.
 14. M.I.M. Holdings Ltd.
 15. Morgan Equipment (Aust) Pty Ltd.
 16. Nestle Company (Australia) Ltd.
 17. Phillips Australia Chemical Pty Ltd.
 18. Phillips Industries Holdings Ltd.
 19. P.D.S. Co-Operative Ltd.
 20. Provident & Pensions Holdings Proprietary Ltd.
 21. Revlon (Aust) Pty Ltd.
 22. Searle Australia Pty Ltd.
 23. Shell Co. of Australia Ltd.
 24. Shell Chemical (Australia) Pty Ltd.
 25. Spraypave Pty Ltd.
 26. Shell Refining (Australia) Pty Ltd.
 27. Smith, Kline & French Laboratories (Aust) Ltd.
 28. Stauffer Australia Ltd.
 29. Weyerhaeuser (Aust) Pty Ltd.
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Appendix V

ATTENDANCE AT BOARD MEETINGS FOR YEAR 1980

						Present	Absent
William Lewis Weston,	25	1 (On duty Bush Fire Council)
Jack Hayward Watson	...	...	...	...	...	26	1 (Annual Leave)
Welesly John Clark (Retired 28/6/80)	...	...	...	...	...	15	1 (Leave of Absence)
Roy Kenneth Dixon (Retired 28/6/80)	...	...	...	...	...	15	—
Reginald Wilfred Down (Elected 29/6/80)	...	...	...	...	...	11	1 (Leave of Absence)
Barry Leslie Lewis (Elected 29/6/80)	...	...	...	...	...	11	1 (On duty Local Gov't Conference)
Alexander Campbell McMurtrie	...	...	...	...	...	26	1 (Sick leave)
Warwick Bruce Rogers	...	...	...	...	...	26	1 Extraordinary Meeting
Clive William Tregear (Retired 28/6/80)	...	...	...	...	...	14	1 (Extraordinary Meeting)
Ordinary Meetings	...	...	...	...	...	25	
Extraordinary Meetings	...	...	...	...	...	2	
Total	...	...	...	...	...	27	

Appendix VI—Fire Statistics, etc.

FIRE CALLS FOR THE YEAR 1980

					Sydney and Suburbs	Country Fire Districts	Total
Fires/other emergencies	...	...	...	...	23,658	15,910	39,568*
False Alarms	...	...	...	...	19,536	4,150	23,686
Total	...	...	...	...	43,194	20,060	63,254

*4667 Calls were to emergencies not associated with fire.

COMPARISON OF CALLS 1970-1980

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Fires	30,197	28,675	25,170	24,083	25,704	25,989	24,214	32,382	21,736	37,504	39,568
False Alarms	17,562	18,983	18,732	19,042	19,332	19,038	19,767	21,713	21,904	15,673	23,686
Total	47,759	47,658	43,902	43,125	45,036	45,027	43,981	54,095	43,640	53,177	63,254

Appendix VII

STAFF

Permanent Brigade—											
Chief Officer	...	...	...	...	...	...	...	...	...	...	1
Deputy Chief Officer	...	...	...	...	...	...	...	...	...	...	2
Superintendent	...	...	...	...	...	...	...	...	...	...	8
Inspectors & Resident Country Inspectors	...	...	...	...	...	...	...	...	...	...	17
District Officers	...	...	...	...	...	...	...	...	...	...	69
Station Officers	...	...	...	...	...	...	...	...	...	...	472
Permanent Firemen	...	...	...	...	...	...	...	...	...	...	1,560
Authorised strength				...	...	...	...	...	...	...	2,129
Actual strength			...	...	...	...	...	...	...	...	2,118
Under strength			...	...	...	...	...	...	...	...	11
Volunteer Brigade—											
Volunteer Personnel—											
Authorised strength				...	...	...	...	...	...	...	3,126
Actual strength			...	...	...	...	...	...	...	...	2,893
Under strength			...	...	...	...	...	...	...	...	233
Administrative Services—											
Secretary	...	...	...	...	...	...	...	...	...	...	1
Assistant Secretary	...	...	...	...	...	...	...	...	...	...	2
Senior Administrative Officers			...	...	...	...	...	...	...	...	12
Publicity Officer	...	...	...	...	...	...	...	...	...	...	1
Male Office Staff			...	...	...	...	...	...	...	...	27
Female Office Staff			...	...	...	...	...	...	...	...	38
Manager Technical Services			...	...	...	...	...	...	...	...	1
Workshops Department (Mechanical)				...	...	...	...	...	...	...	45
Electrical Department		...	...	...	...	...	...	...	...	...	36
Building Maintenance Department			...	...	...	...	...	...	...	...	43
Clothing Factory Liaison Officer			...	...	...	...	...	...	...	...	1
Boot Factory		...	...	...	...	...	...	...	...	...	7
Hose Department		5
Storeman	11
Transport Department		14
Miscellaneous	4
											248

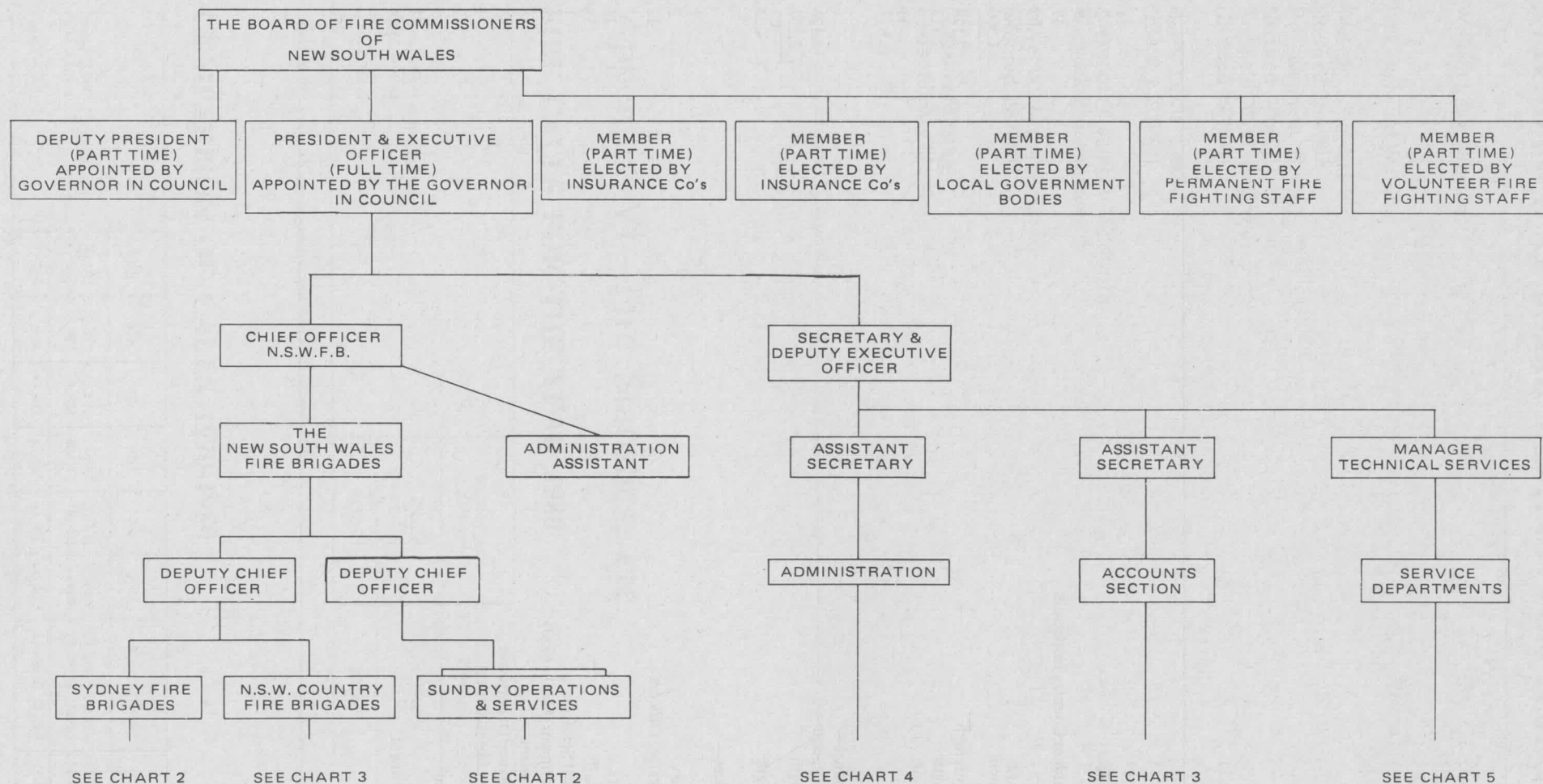


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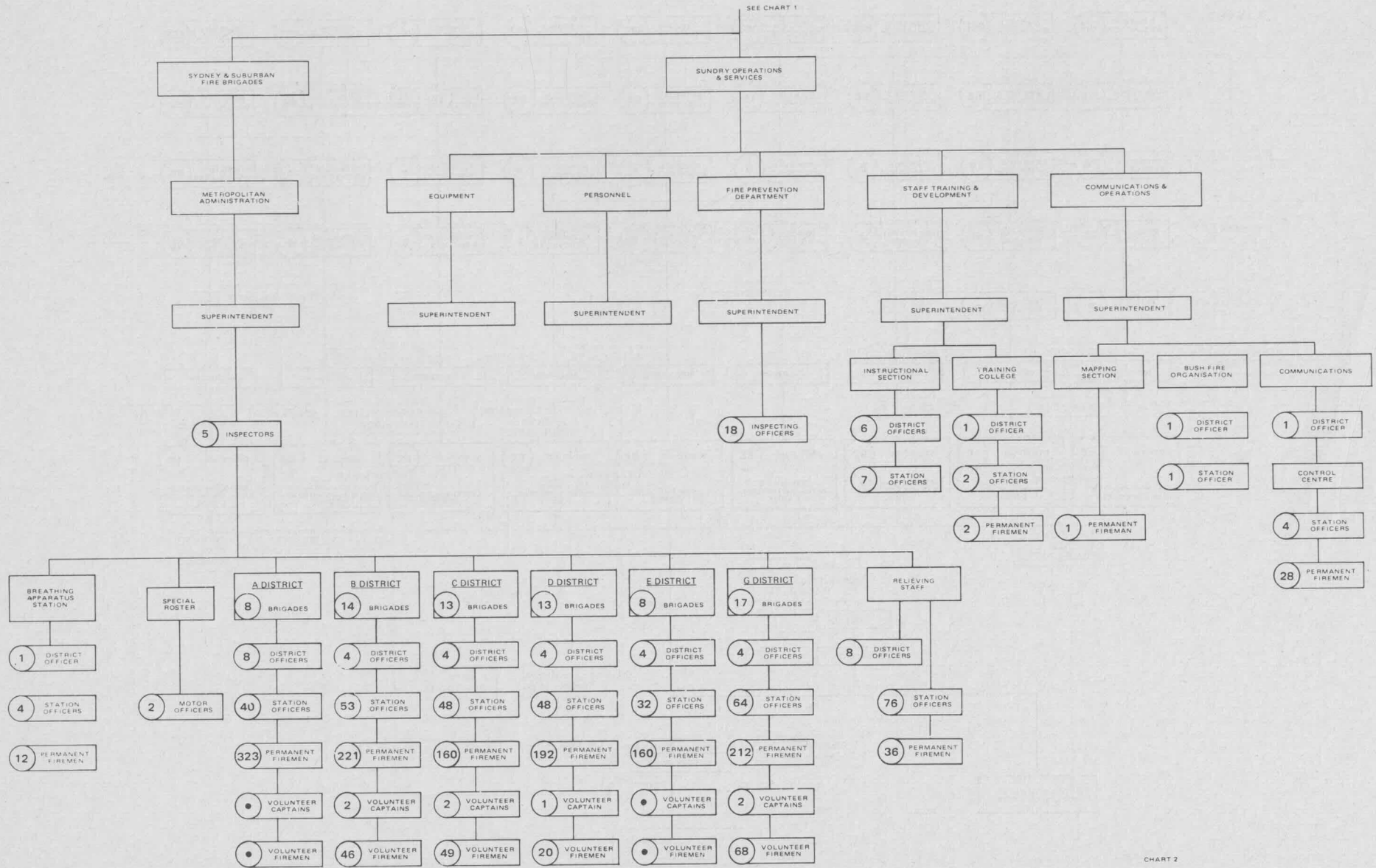


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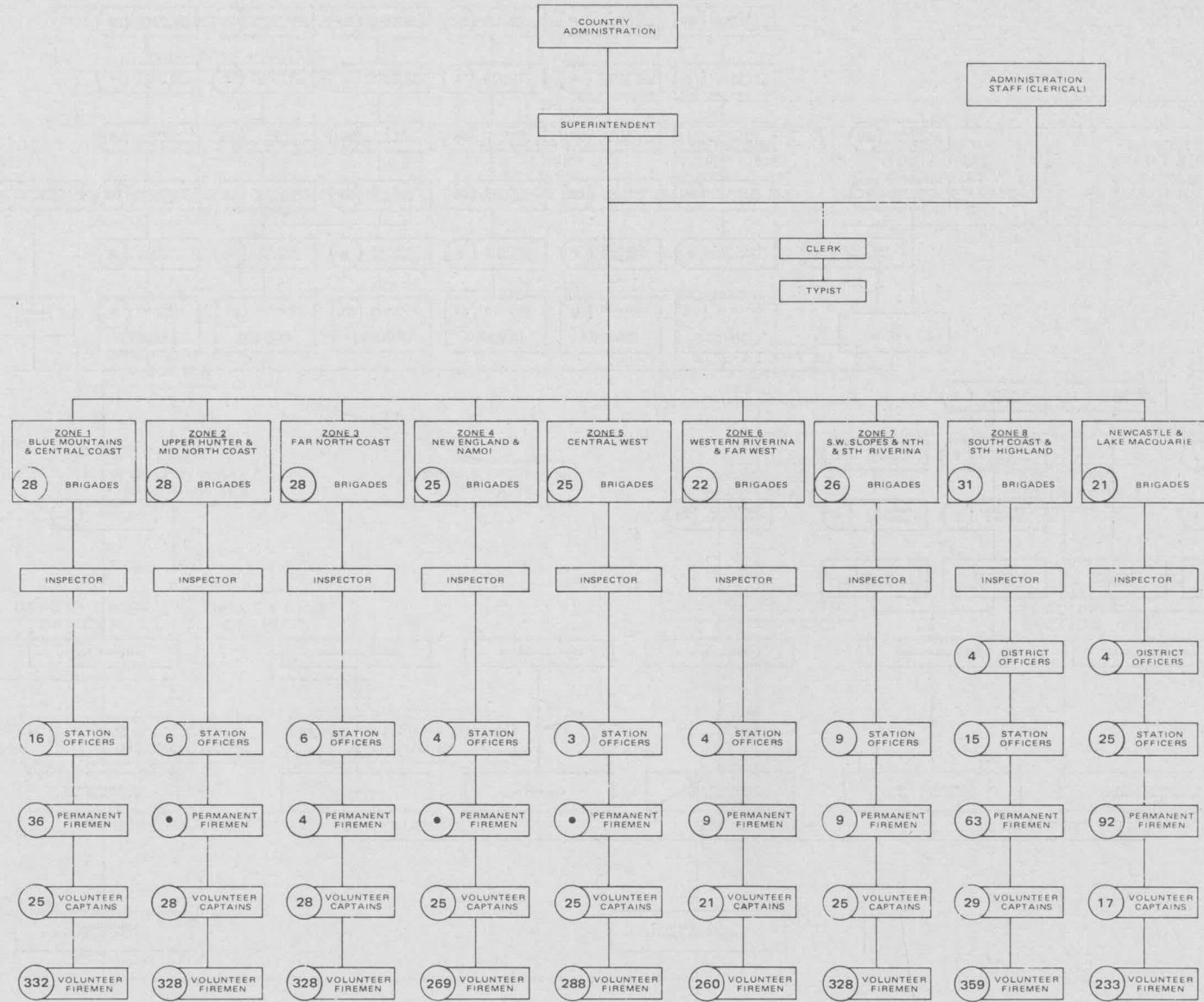


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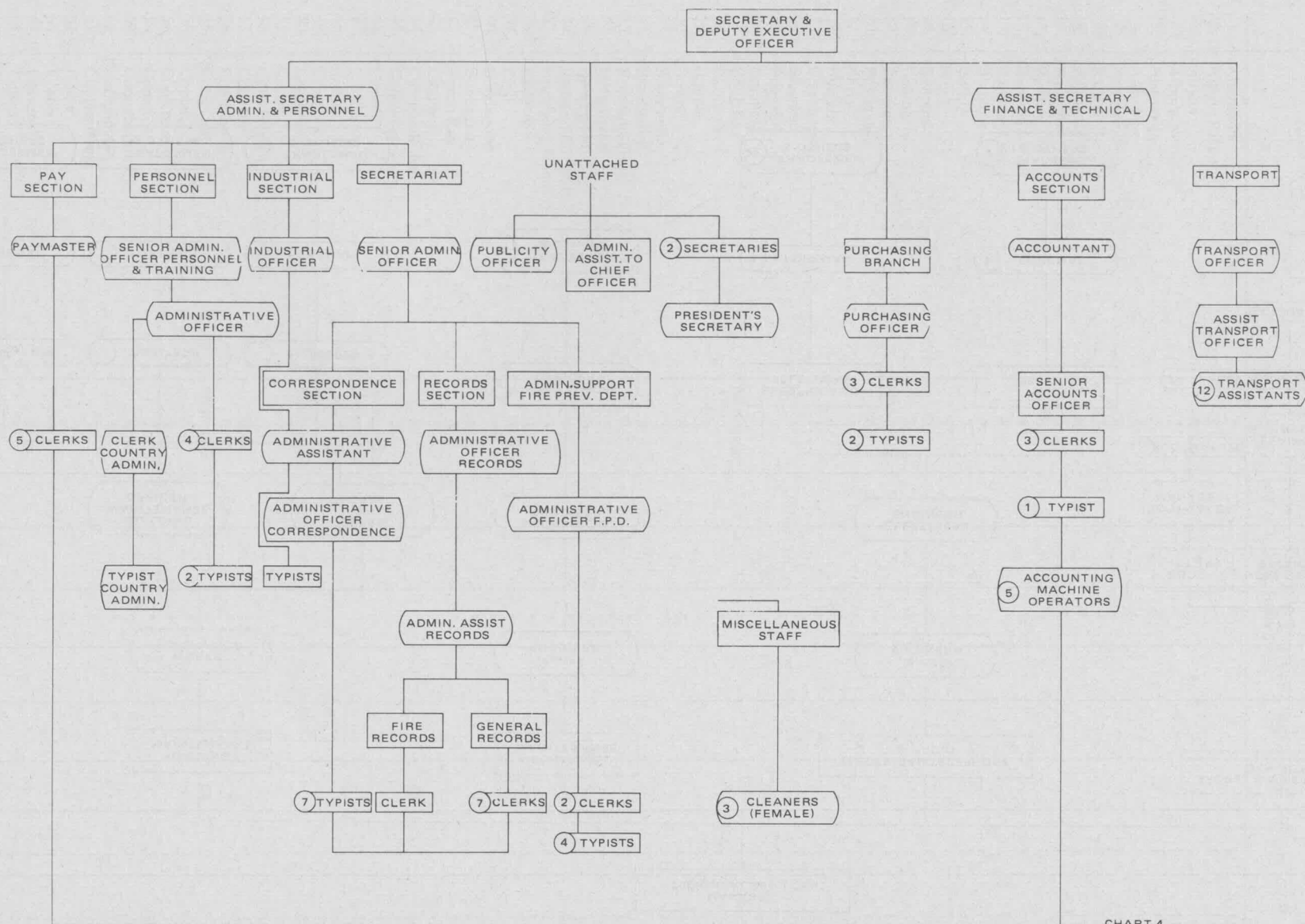


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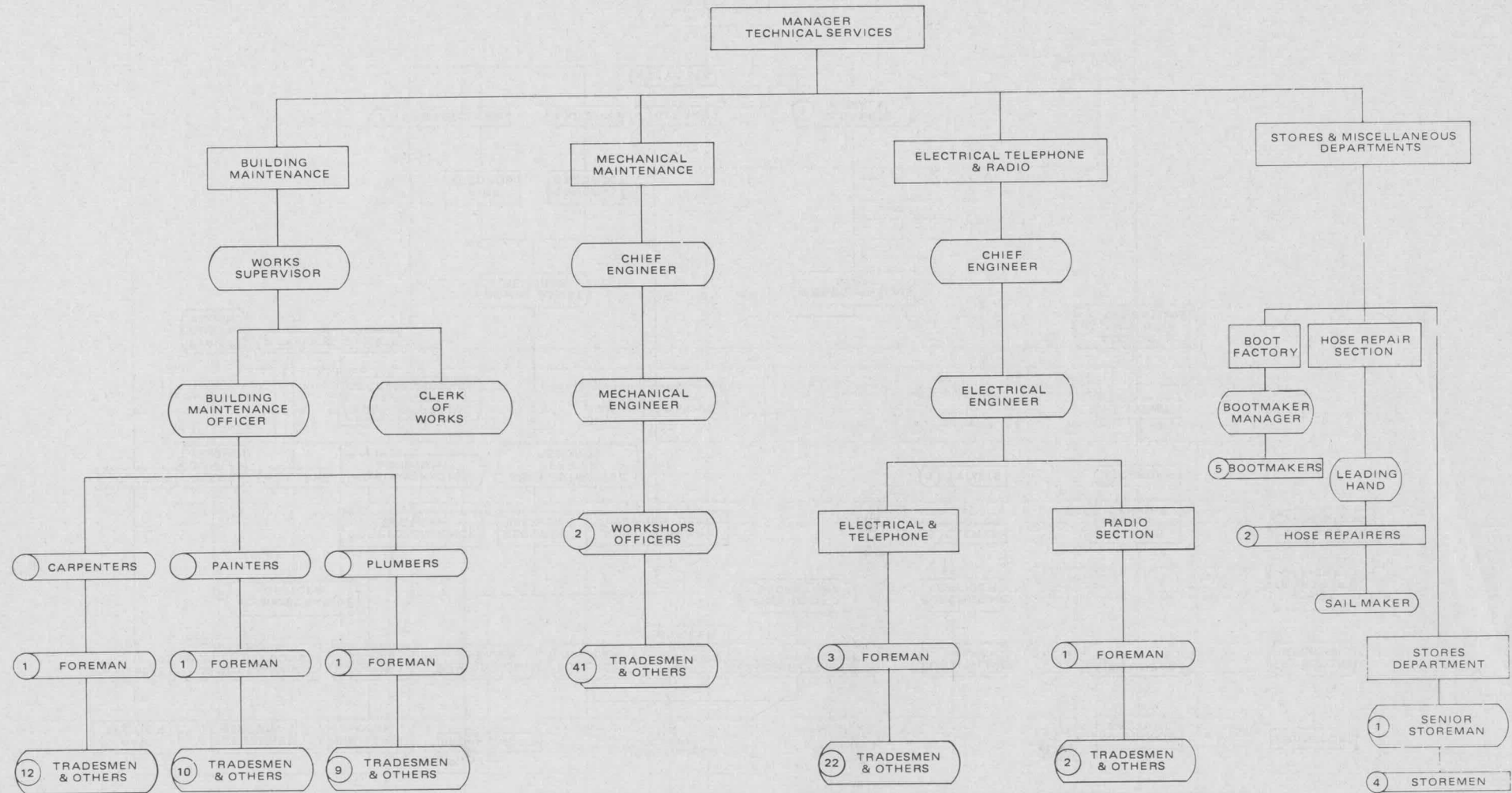


CHART 5

Appendix IX

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

Appendix IX — (continued)

No.	Brigade	Zone	Staffing			Established strength				
			Perm. (only)	Perm. & V/F.	V/F (only)	D/O	S/O	P/F	Capt.	V/F
70.	Dorrigo	3	...	...	*	...	1	...	1	11
71.	Dubbo	5	...	*	...	...	...	...	1	16
72.	Dunedoo	5	...	...	*	...	...	...	1	9
73.	Dungog	2	...	...	*	...	1	...	1	11
74.	East Maitland	2	...	*	...	...	...	...	1	11
75.	Eden	7	...	...	*	...	...	...	1	11
76.	Ettalong	1	...	...	*	...	...	...	1	11
77.	Evans Head	3	...	...	*	...	...	...	1	11
78.	Finley	6	...	...	*	...	...	...	1	13
79.	Forbes	5	...	...	*	...	...	...	1	13
80.	Forster	2	...	...	*	...	...	...	1	11
81.	Gilgandra	5	...	...	*	...	...	...	1	11
82.	Glenbrook	1	...	...	*	...	1	...	1	11
83.	Glen Innes	4	...	*	...	...	...	...	1	14
84.	Gloucester	2	...	...	*	...	...	...	1	11
85.	Goonellabah	3	...	*	...	...	1	...	1	11
86.	Gosford	1	...	*	...	...	4	20	...	15
87.	Goulburn	8	...	*	...	...	1	...	1	19
88.	Grafton	3	...	*	...	...	1	...	1	15
89.	Grenfell	6	...	...	*	...	...	...	1	11
90.	Griffith	6	...	...	*	...	...	...	1	17
91.	Gulgong	5	...	...	*	...	...	...	1	11
92.	Gundagai	7	...	...	*	...	...	...	1	14
93.	Gunnedah	4	...	...	*	...	...	...	1	14
94.	Guyra	4	...	...	*	...	...	...	1	9
95.	Hamilton	Newcastle	...	*	...	...	4	8	...	10
96.	Hay	6	...	...	*	...	...	...	1	13
97.	Helensburgh	8	...	...	*	...	...	...	1	11
98.	Henty	7	...	...	*	...	...	...	1	11
99.	Hillston	6	...	...	*	...	...	...	1	11
100.	Holbrook	7	...	...	*	...	...	...	1	11
101.	Ingelburn	8	...	...	*	...	...	...	1	11
102.	Inverell	4	...	*	...	...	1	...	1	14
103.	Jerilderie	6	...	...	*	...	...	...	1	11
104.	Jindabyne	7	...	...	*	...	...	...	1	11
105.	June	7	...	...	*	...	...	...	1	14
106.	Kandos	5	...	...	*	...	...	...	1	9
107.	Katoomba	1	...	*	...	...	4	8	...	14
108.	Kearsley	2	...	...	*	...	...	...	1	9
109.	Kempsey	2	...	...	*	...	...	...	1	13
110.	Kiama	8	...	...	*	...	...	...	1	11
111.	Killarney Vale	1	...	...	*	...	...	...	1	11
112.	Kingscliff	3	...	...	*	...	...	...	1	11
113.	Kurri Kurri	2	...	...	*	...	...	...	1	12
114.	Kyogle	3	...	...	*	...	...	...	1	11
115.	Lake Cargelligo	6	...	...	*	...	...	...	1	9
116.	Lambton	Newcastle	...	...	*	...	...	...	1	9
117.	Laurieton	2	...	...	*	...	...	...	1	11
118.	Lawson	1	...	...	*	...	...	...	1	11
119.	Leeton	6	...	...	*	...	...	...	1	13
120.	Leura	1	...	...	*	...	...	...	1	11
121.	Lismore	3	...	*	...	...	2	4	1	14
122.	Lithgow	1	...	*	...	...	2	...	1	14
123.	Littleton	1	...	...	*	...	...	...	1	11
124.	Lockhart	7	...	...	*	...	...	...	1	11
125.	Macksville	3	...	...	*	...	...	...	1	11
126.	Maclean	3	...	...	*	...	...	...	1	11
127.	Maitland	2	...	*	...	...	2	...	1	14
128.	Manilla	4	...	...	*	...	...	...	1	9
129.	Merewether	Newcastle	...	...	*	...	...	...	1	11
130.	Merriwa	2	...	...	*	...	...	...	1	11
131.	Mittagong	8	...	...	*	...	...	...	1	11
132.	Moama	6	...	...	*	...	...	...	1	11
133.	Molong	5	...	...	*	...	...	...	1	11
134.	Moree	4	...	...	*	...	...	...	1	14
135.	Morpeth	2	...	...	*	...	...	...	1	9
136.	Moruya	8	...	...	*	...	...	...	1	11
137.	Moss Vale	8	...	...	*	...	...	...	1	11
138.	Mount Victoria	1	...	...	*	...	...	...	1	9
139.	Mudgee	5	...	...	*	...	...	...	1	11

Appendix IX — (continued)

No.	Brigade	Zone	Staffing			Established strength				
			Perm. (only)	Perm. & V/F.	V/F (only)	D/O	S/O	P/F	Capt.	V/F
140.	Mullimbimby	3	...	...	*	...	...	...	1	13
141.	Murrumburrah/Harden	7	...	...	*	...	...	...	1	14
142.	Murrurundi	4	...	...	*	...	...	...	1	11
143.	Murwillumbah	3	...	...	*	...	...	...	1	13
144.	Muswellbrook	2	...	...	*	...	...	...	1	13
145.	Nambucca Heads	3	...	...	*	...	...	...	1	11
146.	Narrabri	4	...	...	*	...	...	...	1	11
147.	Narrandera	6	...	...	*	...	...	...	1	13
148.	Narromine	5	...	...	*	...	...	...	1	11
149.	Nelson Bay	2	...	...	*	...	...	...	1	11
150.	New Lambton	Newcastle	...	...	*	...	...	...	1	14
151.	Nowra	8	...	...	*	...	...	...	1	14
152.	Nyngan	5	...	...	*	...	...	...	1	12
153.	Oberon	5	...	...	*	...	...	...	1	9
154.	Orange	5	...	*	...	...	1	...	1	19
155.	Parkes	5	...	...	*	...	...	...	1	13
156.	Paxton	2	...	...	*	...	...	...	1	9
157.	Peak Hill	5	...	...	*	...	...	...	1	9
158.	Penrith	1	...	*	...	...	4	8	...	19
159.	Picton	8	...	*	...	...	...	...	1	11
160.	Port Kembla	8	...	*	...	...	4	8	...	14
161.	Portland	1	...	...	*	...	...	...	1	11
162.	Port Macquarie	2	...	*	...	...	1	...	1	15
163.	Queanbeyan	7	...	*	...	...	1	...	1	19
164.	Quirindi	4	...	...	*	...	...	...	1	9
165.	Raymond Terrace	2	...	...	*	...	...	...	1	11
166.	Richmond	1	...	...	*	...	...	...	1	11
167.	Riverstone	1	...	...	*	...	...	...	1	11
168.	St Marys	1	...	*	...	...	1	...	1	11
169.	St Marys F/A	1	...	...	*	...	...	...	1	11
170.	Sawtell	3	...	...	*	...	...	...	1	12
171.	Scarborough	8	...	...	*	...	...	...	1	9
172.	Scone	4	...	...	*	...	...	...	1	11
173.	Singleton	2	...	...	*	...	...	...	1	13
174.	South Grafton	3	...	...	*	...	...	...	1	11
175.	South West Rocks	2	...	...	*	...	...	...	1	11
176.	Springwood	1	...	...	*	...	...	...	1	15
177.	Stockton	Newcastle	...	...	*	...	...	...	1	14
178.	Swansea	Newcastle	...	...	*	...	...	...	1	11
179.	Tamworth	4	...	*	...	...	1	...	1	14
180.	Taree	2	...	...	*	...	...	...	1	18
181.	Tarro	Newcastle	...	...	*	...	...	...	1	11
182.	Tea Gardens	2	...	...	*	...	...	...	1	11
183.	Telarah	2	...	...	*	...	...	...	1	11
184.	Temora	7	...	...	*	...	...	...	1	14
185.	Tenterfield	4	...	...	*	...	...	...	1	11
186.	Teralba	Newcastle	...	...	*	...	...	...	1	11
187.	Terrigal	1	...	...	*	...	...	...	1	11
188.	The Entrance	1	...	*	...	...	1	...	1	11
189.	Thirroul	8	...	...	*	...	...	...	1	11
190.	Tighes Hill	Newcastle	...	*	...	...	4	8	...	10
191.	Tocumwal	6	...	...	*	...	...	...	1	13
192.	Toronto	Newcastle	...	...	*	...	...	...	1	13
193.	Toukley	1	...	...	*	...	...	...	1	11
194.	Trangie	5	...	...	*	...	...	...	1	11
195.	Tumbarumba	7	...	...	*	...	...	...	1	11
196.	Tumut	7	...	...	*	...	...	...	1	14
197.	Tweed Heads	3	...	...	*	...	...	...	1	13
198.	Ulladulla	8	...	...	*	...	...	...	1	11
199.	Unanderra	8	...	...	*	...	...	...	1	11
200.	Uralla	4	...	...	*	...	...	...	1	9
201.	Urunga	3	...	...	*	...	...	...	1	11
202.	Wagga Wagga	7	...	*	...	...	4	1	1	19
203.	Walcha	4	...	...	*	...	...	...	1	9
204.	Walgett	4	...	...	*	...	...	...	1	11
205.	Wallsend	Newcastle	...	...	*	...	...	...	1	14
206.	Wallerawang	1	...	...	*	...	...	...	1	9
207.	Wangi Wangi	Newcastle	...	...	*	...	...	...	1	11
208.	Waratah	Newcastle	...	*	...	...	4	12	...	11
209.	Warialda	4	...	...	*	...	...	...	1	9

Appendix IX — (continued)

No.	Brigade						Staffing			Established strength				
							Perm. (only)	Perm. & V/F.	V/F (only)	D/O	S/O	P/F	Capt.	V/F
210.	Warilla	...	...	...	...	...	...	...	*	...	...	...	1	11
211.	Warragamba	...	...	...	...	...	...	...	*	...	...	...	1	11
212.	Warren	...	...	...	...	...	...	...	*	...	...	...	1	11
213.	Wauchope	...	...	...	...	...	...	...	*	...	...	...	1	13
214.	Wee Waa	...	...	...	...	...	...	...	*	...	...	...	1	11
215.	Wellington	...	...	...	...	...	...	...	*	...	...	...	1	11
216.	Wentworth	...	...	...	...	...	...	...	*	...	...	...	1	11
217.	Wentworth Falls	...	...	...	...	...	...	...	*	...	...	...	1	11
218.	Werris Creek	...	...	...	...	...	...	...	*	...	...	...	1	9
219.	Weston	...	...	...	...	...	...	...	*	...	...	...	1	11
220.	West Tamworth	...	...	...	...	...	...	...	*	...	...	...	1	9
221.	West Wallsend	...	...	...	...	Newcastle	...	...	*	...	...	...	1	12
222.	West Wyalong	...	...	...	...	6	...	...	*	...	...	...	1	11
223.	Windale	...	...	...	...	Newcastle	...	...	*	...	...	...	1	11
224.	Windsor	...	...	...	...	1	...	...	*	...	...	...	1	11
225.	Wingham	...	...	...	...	2	...	...	*	...	...	...	1	9
226.	Wollongong	...	...	...	...	8	...	*	...	4	5	39	...	15
227.	Woolgoolga	...	...	...	...	3	...	...	*	...	...	...	1	11
228.	Woy Woy	...	...	...	...	1	...	...	*	...	...	...	1	11
229.	Wyong	...	...	...	...	1	...	...	*	...	...	...	1	11
230.	Yamba	...	...	...	...	3	...	...	*	...	...	...	1	11
231.	Yass	...	...	...	...	7	...	...	*	...	...	...	1	14
232.	Yenda	...	...	...	...	6	...	...	*	...	...	...	1	9
233.	Young	...	...	...	...	7	...	...	*	...	...	...	1	14
Total							1	35	196	8	88	213	223	2725
73	Stations in Sydney Metropolitan Area						55	17	3	61	384	1347	7	183
306	Total						56	52	199	69	472	1560	230	2908

Zone Totals

Zone																		
1	...	...	...	...	...	...	...	...	...	...	5	23	...	16	36	25	332
2	...	...	...	...	...	...	...	...	...	...	4	24	...	6	...	28	328
3	...	...	...	...	...	...	...	...	...	...	5	23	...	6	4	28	328
4	...	...	...	...	...	...	...	...	...	...	4	21	...	4	...	25	269
5	...	...	...	...	...	...	...	...	...	...	3	22	...	3	...	25	288
6	...	...	...	...	...	...	...	...	...	...	1	21	...	4	9	21	260
7	...	...	...	...	...	...	...	...	...	...	3	22	...	9	9	25	328
8	...	...	...	...	...	...	...	...	...	...	4	27	4	15	63	29	359
Newcastle/Lake Macquarie	1	6	14	4	25	92	17	233
										...	1	35	197	8	88	213	223	2725

Appendix IX — (continued)

Brigade	Staffing			Established strength					
	Perm. (only)	Perm. & V/F	V/F (only)	Insp.	D/O	S/O	P/F	Capt.	V/F
"A" DISTRICT —									
1 Headquarters ... ..	*	...	...	5	8	12	163	...	...
2 The Rocks ... ..	*	...	...	...	...	4	32	...	...
3 Darlinghurst ... ..	*	...	...	...	...	4	24	...	...
4 Woollahra ... ..	*	...	...	...	...	4	28	...	...
5 Glebe ... ..	*	...	...	...	...	4	16	...	...
6 Pyrmont ... ..	*	...	...	...	...	4	24	...	...
7 Bondi ... ..	*	...	...	...	...	4	16	...	...
8 Balmain ... ..	*	...	...	...	...	4	20	...	...
	8	0	0	5	8	40	323	0	0
"B" DISTRICT —									
9 Crows Nest ... ..	*	...	...	...	4	4	56	...	...
10 Mona Vale ... ..	...	*	...	...	...	4	8	...	10
11 Manly ... ..	*	...	...	...	...	4	28	...	...
12 Mosman ... ..	*	...	...	...	...	4	8	...	...
13 Gordon ... ..	*	...	...	...	...	4	8	...	...
14 Willoughby ... ..	*	...	...	...	...	4	8	...	...
15 Hornsby ... ..	*	...	...	...	...	4	28	...	...
16 Forestville ... ..	...	*	...	...	...	4	16	...	15
17 Neutral Bay ... ..	*	...	...	...	...	4	8	...	...
18 Lane Cove ... ..	*	...	...	...	...	4	20	...	...
19 Narrabeen ... ..	...	*	...	...	...	4	16	...	...
20 Dee Why ... ..	...	*	...	...	...	4	8	...	6
21 Avalon ... ..	...	*	...	...	...	4	8	1	11
22 Berowra ... ..	...	*	...	...	...	1	1	1	14
	9	5	0	0	4	53	221	2	46
"C" DISTRICT —									
23 Kogarah ... ..	*	...	...	...	4	4	48	...	...
24 Hurstville ... ..	*	...	...	...	...	4	12	...	...
25 Rockdale ... ..	*	...	...	...	...	4	8	...	...
26 Engadine ... ..	...	*	...	...	...	4	8	1	14
27 Riverwood ... ..	*	...	...	...	...	4	8	...	...
28 Miranda ... ..	...	*	...	...	...	4	20	...	6
29 Sutherland ... ..	...	*	...	...	...	4	8	...	15
30 Campsie ... ..	*	...	...	...	...	4	12	...	...
31 Cronulla ... ..	*	...	...	...	...	4	8	...	...
32 Lakemba ... ..	*	...	...	...	...	4	8	...	...
33 Revesby ... ..	*	...	...	...	...	4	8	...	...
34 Mortdale ... ..	...	...	*	...	...	...	...	1	14
35 Bankstown ... ..	*	...	...	...	...	4	12	...	...
	9	3	1	0	4	48	160	2	49
"D" DISTRICT —									
36 Stanmore ... ..	*	...	...	...	4	4	52	...	...
37 Ashfield ... ..	*	...	...	...	...	4	8	...	...
38 Burwood ... ..	*	...	...	...	...	4	12	...	...
39 Concord ... ..	*	...	...	...	...	4	12	...	...
40 Drummoyn ... ..	*	...	...	...	...	4	24	...	...
41 Leichhardt ... ..	*	...	...	...	...	4	16	...	...
42 Marrickville ... ..	*	...	...	...	...	4	20	...	...
43 Gladesville ... ..	*	...	...	...	...	4	12	...	...
44 Ryde ... ..	*	...	...	...	...	4	12	...	...
45 Lidcombe ... ..	*	...	...	...	...	4	8	...	...
46 Eastwood ... ..	*	...	...	...	...	4	8	...	...
47 Beecroft ... ..	...	*	...	...	...	4	8	...	6
48 Rhodes ... ..	...	...	*	...	...	...	...	1	14
	11	1	1	0	4	48	192	1	20

Appendix IX — (continued)

Brigade	Staffing			Established strength					
	Perm. (only)	Perm. & V/F.	V/F (only)	Insp.	D/O	S/O	P/F	Capt.	V/F
"E" DISTRICT —									
49 Alexandria	*	...	...	...	4	4	52	...	...
50 Newtown	*	...	...	...	...	4	16	...	...
51 Redfern	*	...	...	...	...	4	16	...	...
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	56	...	...
58 Liverpool	...	*	...	...	...	4	24	...	6
59 Silverwater	*	...	...	...	...	4	16	...	...
60 Busby	*	...	...	...	...	4	8	...	...
61 Auburn	*	...	...	...	...	4	12	...	...
62 Cabramatta	*	...	...	...	...	4	8	...	...
63 Guildford	*	...	...	...	...	4	8	...	...
64 Wentworthville	...	*	...	...	...	4	8	...	10
65 Blacktown	...	*	...	...	...	4	16	...	6
66 Rydalmere	...	*	...	...	...	4	8	...	6
67 Castle Hill	...	*	...	...	...	4	8	...	10
68 Fairfield	*	...	...	...	...	4	8	...	...
69 Toongabbie	*	...	...	...	...	4	8	...	...
70 Mt Druitt	*	...	...	...	...	4	8	...	...
71 Smithfield	*	...	...	...	...	4	8	...	15
72 Northmead	...	*	...	...	...	4	8	1	15
73 Merrylands	...	...	*	...	...	...	...	1	...
	10	6	1	0	4	64	212	2	68
Total	55	15	3	5	28	285	1268	7	183
Special Duties Roster									
Alexandria Control Centre	...	...	...	...	1	4	28	...	...
Breathing Apparatus Section	...	...	...	...	1	4	12	...	...
Bush Fire Organisation	...	...	...	9	...	1	...	...	...
Communications Officer	...	...	...	1	15	...	...	...	...
Country Administration	...	...	...	...	...	3	...	...	...
Fire Prevention Department	...	...	1	...	...	...	1	...	...
Mapping Section	...	...	1	2	8	2	...	...	...
Motor Officers	...	...	...	...	...	76	36	...	...
Relieving Staff	...	...	1	...	7	...	...	...	...
Staff Training & Develop.	...	...	1	...	...	9	2	...	...
Executive Staff	1	2	4	...	...	...	...	...	...
Sub Total	1	2	8	12	33	99	79	...	...
Total	1	2	8	17	61	384	1347	7	183

Appendix X

TYPE AND DISPOSITION OF FIRE APPLIANCES

PUMPING APPLIANCES

Make and Series	Pump Capacity	Year(s) Commissioned	Total No.	Stationed			
				Sydney Fire District		Country Fire District	
				1st Call Appliance	2nd Call and Spare	1st Call Appliance	2nd Call and spare
	g.p.m.						
Morris	500	1958-59	4	...	3	1	...
Bedford	350	1959-64	8	...	...	6	2
	450	1959-64	17	...	2	13	2
Ford Thames	500	1961-66	41	...	2	32	7
D200	350	1968	6	...	...	...	...
		1969	12	...	...	...	...
D200	500	1967	10	1	3	24	1
		1968	1	...	...	...	...
D400	500	1966	12	...	...	...	...
		1967	8	...	3	15	2
D750	650	1967	1	...	...	1	...
	(foam)						
Dennis—							
Rolls Royce F44	1 000	1969	2	...	...	...	...
Rolls Royce	1 000	1970	2	...	...	...	...
Rolls Royce	1 000	1971	2	6	3	2	1
Rolls Royce F49	1 000	1971	3	...	...	...	...
		1972	3	...	...	...	...
D.4.2. Jag	600	1969	15	...	...	...	...
	600	1970	16	...	...	...	...
	600	1971	34	3	17	45	7
	600	1972	7	...	...	...	...
International A.G.CO—							
1600	500	1972	5	4	...	1	...
1600	500	1973	10	4	...	6	...
1600A	500	1974	14	1	...	13	...
1600A	500	1975	16	...	...	16	...
1710A	500	1976	19	2	...	19	...
1710A	500	1977	26	...	...	24	...
1710A	750		2	2	...	2	...
1710A	500	1978	4	1	...	2	...
1710A	750	1978	1	5	...	6	...
1710B	750	1978	11	14	...	10	...
1710B	750	1979	24	8	...	4	...
1710B	750	1980	12	...	...	...	...
	750	1980	7	5	...	2	...
	(foam)						
510. (4 x 4)			1	1	...	1	...
			356	56	33	245	22

*Metric Pump Capacity

350 gal/min = 26 litres/second 600 gal/min = 46 litres/second
450 gal/min = 34 litres/second 750 gal/min = 57 litres/second
500 gal/min = 38 litres/second 1 000 gal/min = 76 litres/second

Appendix X — (continued)

TYPE AND DISPOSITION OF FIRE APPLIANCES—(continued)

SPECIAL APPLIANCES

Type and Series	Features	Year Commissioned	Total No.	Sydney		Country	
				Spare		Spare	
				1st Call	2nd Call	1st Call	2nd Call
<i>Aerial Appliances—</i>							
Simonitor ... ..	...	1975	1	1	...	...	...
Telesqurt ... ..	...	1976	4	3	...	1	...
Skyjet ... ..	...	1979	2	2	...	...	...
Skyjet ... ..	...	1980	3	1	...	2	...
Snorkel ... ..	...	1975 & 79	2	2	...	...	...
T/T Ladders ... ..	...	Various	7	5	1	1	...
				19	14	1	4
<i>Salvage Motors—</i>							
Albion ... ..	...	1970-71	2	1	...	1	...
Leyland ... ..	...	1973	1	1	...	...	...
International ... ..	...	1975	2	2	...	...	...
Ford Thames ... ..	...	1966	2	1	1	...	...
Mack ... ..	...		1	2	1	1	...
Interantional ... ..	...	1980	3	...	...	...	...
				11	7	2	2
<i>Other—</i>							
CO2 Appliance ... ..	...	1966	1	1	...	...	...
Canteen ... ..	...	1975	1	1	...	...	...
B/A Tender ... ..	...	1980	1	1	...	...	...
				3	3	...	...
<i>Bush Fire Tankers—</i>							
G.M.C.	6 x 6	1953	2	5	3	2	...
Bedford	4 x 4	1965-79	24	1	1	16	...
Bedford	4 x 4	1980	9	1	...	7	...
International	6 x 6	1978	1	...	...	...	...
				36	7	4	25