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LETTER TO THE MINISTER

The Honourable Patrick Conlon MP
Minister for Emergency Services
Parliament House
North Terrace
ADELAIDE SA 5000

Dear Minister

I have pleasure in submitting to you for presentation to Parliament the 2001-2002 Annual Report of the South Australian Metropolitan Fire Service which has been prepared pursuant to Section 12 of the South Australian Metropolitan Fire Service Act 1936.

The report highlights the Service's performance in achieving its objectives and strategies during the 12 months to 30 June 2002. The report also illustrates the effort and commitment of our staff throughout the year.

Yours faithfully



(G N LUPTON)
CHIEF OFFICER & CEO

CORPORATE MISSION

LEGISLATED RESPONSIBILITIES

The South Australian Metropolitan Fires Service Act 1936 as amended.

Corporate Mission

Our Direction

The South Australian Metropolitan Fire Service (SAMFS) is committed to protecting life, property and the environment from the effects of fire and other dangers. Achieving this requires clear direction, purpose and underlying values.

Our strategic direction is based on the principles of:

- customer focus;
- excellence in the provision and management of emergency services;
- innovative management and the pursuit of best practice; and
- providing value for money.

Our Purpose

SAMFS is responsible for the protection of persons, property and the environment from fire, chemical incidents and other emergencies. We discharge this responsibility through our trained professional staff who individually and collectively strive to:

- prevent fires;
- suppress fires;
- respond to other emergency situations;
- promote fire safety awareness through public education;
- be responsive to the changing needs of our stakeholders; and
- become a world leader in the support of emergency service delivery.

Our Values

Our commitment as a fire service supports the values of:

- dependability;
- excellence;
- professionalism; and
- cooperation.

Dependability

SAMFS strives to provide a sense of safety and security for the community which depends on us in a time of crisis.

Excellence

SAMFS strives to deliver a world's best practice standard of service, remaining responsive to the requirements of both its funders and purchasers.

Professionalism

SAMFS strives to assure total quality management, respect and deference to the contribution of its key stakeholders and needs of the community.

Cooperation

SAMFS strives to foster a culture, practice and understanding of teamwork and mutual obligation to achieve its goals within its organisation, with other emergency service organisations and with the community.

FOREWORD FROM THE MINISTER

Hon Patrick Conlon MP Minister for Emergency Services

The following report highlights a year of achievements that I have been pleased to share with the management and the staff of SAMFS since being appointed Minister for Emergency Services on 7 March 2002.

Mr Grant Lupton was appointed Chief Officer to the SAMFS 18 March 2002. Mr Lupton held the position of Deputy Fire Commissioner with the Office of the Fire Commissioner in British Columbia, Canada and brings with him extensive fire service and management experience. I look forward to a close working relationship, fostering cooperation and continued attention to the needs of the South Australian Community.

SAMFS has continued to contribute to a safer community for all South Australians by providing prompt services at fires, road accidents, chemical spills and rescue situations. In addition SAMFS has ensured that staff and resources are prepared and ready to respond effectively to incidents and delivered a range of public and community safety programs which prepare and inform the community.

Negotiations commenced in March 2002 between the United Firefighters Union and Management of SAMFS for a new enterprise agreement. Subsequently, a new agreement was signed off in June 2002. This heralds a new beginning and as such SAMFS and the United Firefighters Union will ensure the necessary planning required to give effect to the agreement.

This year the Juvenile Firesetters Intervention and Education Program enters its second decade.

Two officers of the Community Safety Education Section, who volunteer much of their time and effort, conduct intervention counselling sessions with juvenile firesetters and their families. These sessions have been very successful in rehabilitating repeat offenders. The SAMFS Country Operations Regional Managers at West Coast, Riverland and South East are now assisting with some cases in those areas.

SAMFS obtained the former ETSA site at Angle Park by way of a Treasurer approved Transfer Order on 5 June 2002.

The establishment of the new training facility at Angle Park will enable SAMFS to maintain a highly trained workforce which can meet SAMFS operational obligations of containing incidents and minimising the impact on the community and the environment.

I thank the SAMFS personnel for their professional contribution to the protection of the community and the environment and for their support to other emergency service agencies.

Pursuant to Section 12 of the SAMFS Act 1936-81, it is my pleasant duty to present the SAMFS Annual Report for the year ended 30 June 2002.



FROM THE CHIEF OFFICER

My first three months as Chief Officer of SAMFS has given me the opportunity to see at close quarters the workings of what I consider to be a world class fire service. This is testament to the excellence and commitment to this service by my predecessors and the dedicated personnel within this organisation.

Highlights of 2001-2002

During the year several important initiatives were implemented and various important changes occurred within the Service. These include:

Appliances

The replacement appliance program continues with the contracting for:

- Five Medium Urban Pumpers. These units have an advantage over the larger pumpers as they have a lower capital outlay (\$300 000) which represents better value for money without compromise to operational efficiency or safety.
- Five Regional Operational Support Appliances to be stationed alongside other fire appliances in regional townships and cities. The units' cabs have seating for three people and provide support placing additional personnel on scene in the shortest possible time where required. The small units have limited pumping capacity, which is primarily for self-protection, enabling them to fight small grass fires as required and providing additional water coverage at an accident scene.
- SAMFS developed the Demountable, Recoverable Operational Pod for use in the field in 2001-02. This system allows for an expansion of mobile 'on site' resources without the need for an expensive chassis.



Chemical, Biological and Radiological Hazard Preparedness Unit

A Chemical, Biological and Radiological Unit was created within SAMFS in October 2001 in order to meet the potential escalation of chemical, biological and radiological incidents and future threats.

SAMFS has representatives on a national working party that provides advice to emergency service organisations in regard to chemical, biological and radiological incidents. SAMFS also chairs the State Chemical, Biological & Radiological committee, which reports to the State Disaster Committee.

SAMFS continues to liaise with other agencies to develop operating procedures and inter-agency protocols.

The events of 11 September 2001 in the United States have impacted on Australia through the community perception of the possibility of terrorist attack by way of a biological agent.

Community Safety Education

SAMFS continues to focus on developing the capacity of community awareness through the Community Safety Education Section.

Our fire safety education programs continue to reach further into communities. Among the projects begun or completed during the year was the production and distribution of a multi-cultural home fire safety pamphlet produced in five languages (Cambodian, Vietnamese, Greek, Italian & English). It is currently being translated into seven more languages (Serbian, Croatian, Spanish, Korean, Persian, Arabic and Polish).

Enterprise Bargaining

SAMFS and the United Firefighters Union signed a new Enterprise Agreement for SAMFS Firefighters on 21 June 2002. The agreement is scheduled for ratification 12 July 2002.

Both parties entered into the agreement after rapid negotiations brought about by a spirit of co-operation engendered by all participants. It is hoped this will continue for the life of the agreement, allowing SAMFS to attain its goals of world's best practise in the delivery of emergency services.

FROM THE CHIEF OFFICER

New South Wales Bushfires

On 26 December 2001 SAMFS and the Country Fire Service (CFS) made an offer of assistance to the New South Wales Rural Fire Service. The offer was accepted when it became obvious that many of the fires burning in that State were out of control. Appliances were dispatched on 28 December 2001 and the first contingent of SAMFS firefighters were flown to New South Wales on 29 December 2001. In total 121 personnel were deployed (105 full-time and eleven retained operational firefighters and five support staff).

South Australian crews worked closely in teams mainly in the vicinity of Tableland Road, Wentworth Falls and were primarily involved in back burning operations and liaison. SAMFS also provided planning, logistical support, incident control and incident management services.

Recruitment

Firefighter Recruit intake commenced in January 2002. 693 applications were received for thirty-six available positions.

A recruit squad of eighteen commenced a thirteen-week training program in May 2002 with a further eighteen scheduled to commence in September 2002.

Training College

Since being directed to vacate the Brookway Park Training College in 1999 SAMFS has been seeking an alternative training facility. SAMFS negotiated a lease with the Distributor Lessee Corporation in October 2001 for the former ETSA Skills Enhancement Centre at Angle Park and on 5 June 2002 successfully obtained the Angle Park site by way of a Treasurer approved Transfer Order.

SAMFS has made provision for capital expenditure of \$500 000 per annum for the next four years to conduct a staged development of site infrastructure.

In Summary

The above highlights the diverse scope of functions performed by SAMFS and it is a credit to all staff that their individual roles are undertaken in a coherent and effective manner.

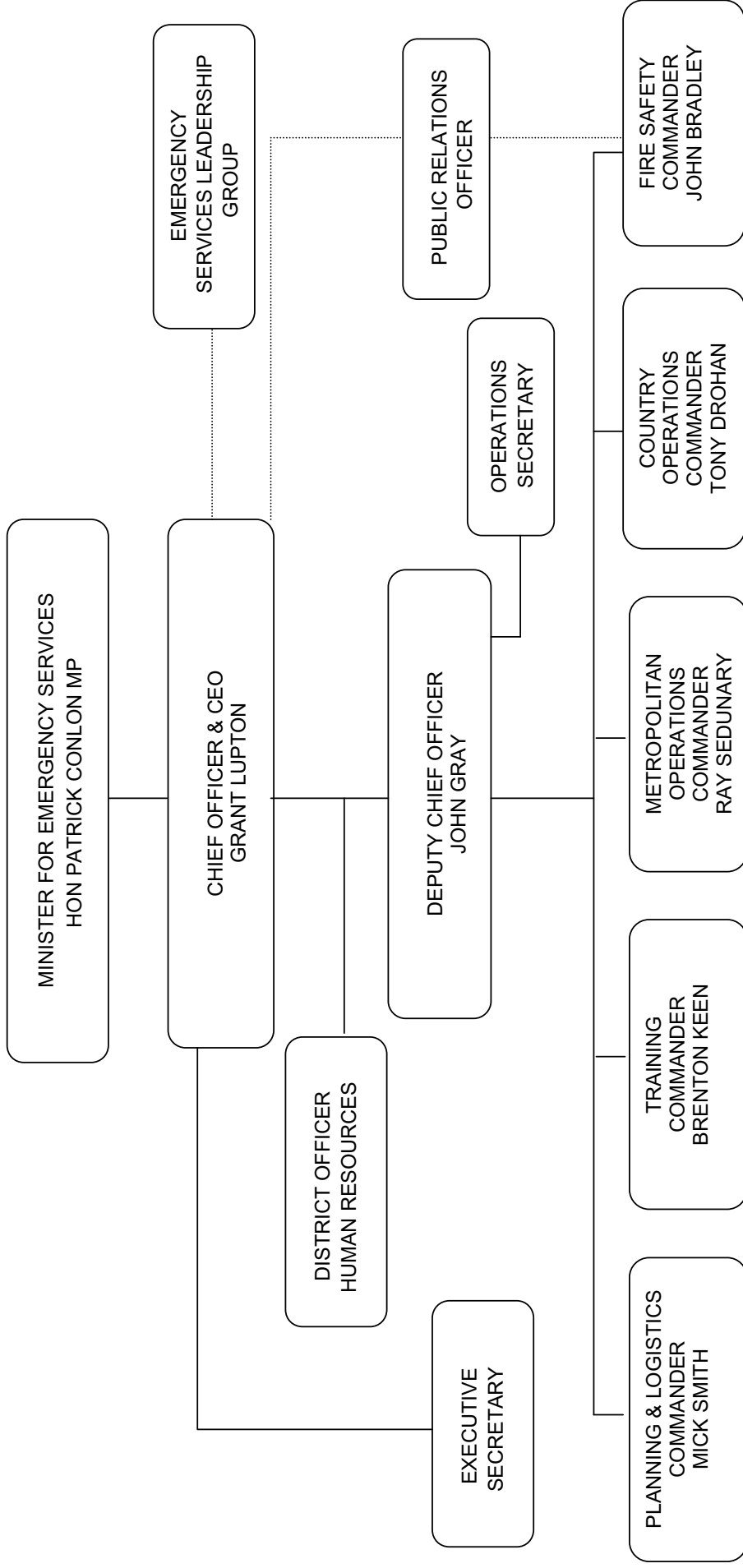
I wish to record appreciation and admiration for the commitment and skills demonstrated by all members of the Fire Service. As a result of their combined efforts the statutory responsibilities of SAMFS have been realised - consequently, life, property and the environment have received the level of protection expected.

The 2002-03 financial year will be challenging. The Service is committed to achieving continuous improvement in all areas of its operation with the view of attaining world's best practice.



David Scarce, Mick Vander Jeugd, Andrew Forrest and David Rhode were among SAMFS crews who travelled to New South Wales to help combat the inferno that surrounded Sydney: (Picture courtesy of The Advertiser: Photographer Martin Jacka).

SAMFS PRIMARY ORGANISATION AS AT 30 JUNE 2002



FIRE SAFETY DEPARTMENT

FIRE AND HAZARDOUS SUBSTANCE SAFETY

Goal

To provide objective fire safety and hazardous substance advice, technical opinion and education to the Government and community of South Australia, to provide input towards effective legislation, to investigate the causes of fire so as to reduce the incidence and severity of subsequent fires and to assist the police in ensuring public safety in places of public entertainment.

Performance Indicators

- The provision of fire safety advice within time frames acceptable to clients and legislative requirements.
- The development and implementation of fire and hazard safety education programs.
- The establishment of the causes of fires.
- The inspection of places of public assembly and the issue of oral and/or written SAMFS Rectification Orders.
- The development of effective fire and hazardous substance legislation.

Achievements

Development plan appraisal

The Development Act requires that any structural development proposal that significantly departs from the prescriptive fire safety requirements of the Building Code of Australia must be referred by the relevant authority (building certifier or local government authority) to the SAMFS for comment. In practice, most fire safety consultants and architects shortcut this procedure by consulting with officers of the Department in the conceptual stage of development to ensure that the approval process will proceed smoothly.

Major ongoing or planned construction works for which consultation has begun within the 2001-02 financial year include:

- Commonwealth Law Courts, Angas St, Adelaide
- Horizon Apartments, North Tce, Adelaide
- Hindmarsh Square Apartments, Adelaide
- Liberty Towers Apartments, Colley Tce, Glenelg
- Holdfast Shores Hotel, Colley Tce, Glenelg

The opinion of the Fire Service was sought on 130 development proposals. All were dealt with within twenty working days as specified by the Development Regulations.

Fire safety surveys of premises

Fire safety surveys of existing premises are conducted either as a result of a request from the premises management or of a fire hazard notification from an Officer of the Fire Service or member of the public. Such surveys consider all aspects of fire safety and result in a written report to the management of the premises, which contains recommendations for fire safety improvements as appropriate. Where the fire safety of occupants is found to be endangered and management is not prepared to take immediate action to rectify the situation, a SAMFS Rectification Order or Closure Order may be issued (SAMFS Act, Section 51, 51a). No rectification or closure orders were served during this reporting period.

At the request of the Department for Correctional Services, fire safety surveys were conducted on seven correctional facilities.

	2001-02	2000-01
Surveys carried out in the reporting period		
• on request from premises management	285	329
• as a result of fire hazard notification	177	189
• which required no action by this department	41	46

FIRE SAFETY DEPARTMENT

The Hazardous Substances Officer

As an advisor to the Fire Safety Department, the Hazardous Substances Officer has dealt with general fire safety issues raised by fire safety officers and the general public concerning the handling and storage of dangerous goods and with dangerous goods issues relating to fire safety surveys.

As an advisor in the training and support of operational personnel this officer has:

- provided advice on incidents to operational personnel and communications staff;
- conducted Hazardous Materials Review Group meetings with command district officers and training personnel;
- advised operational personnel of contaminated site notifications;
- presented lectures to the first 2002 recruit squad, to Country Operations Command hot fire training courses, to new staff in the Communications Centre and to several metropolitan stations on various hazardous material and gas monitoring subjects; and
- drafted and distributed Hazardous Materials Circulars covering issues relevant to SAMFS operations.



SAMFS firefighters in fully encapsulated suits. (Picture courtesy of the Advertiser: Photographer Toby Zerna).

FIRE SAFETY DEPARTMENT

FIRE CAUSE INVESTIGATION

The establishment of the causes of fires

South Australian Police (SAPOL) specialist fire scene investigators and the SAMFS fire cause investigators attend fire scenes together - one SAPOL officer and one SAMFS officer form an investigation team. In the case of a deliberately lit fire, the police investigator prepares a report on behalf of both agencies. In other circumstances the SAMFS investigator prepares the joint report.

The Section investigates structural fires on behalf of the Country Fire Service (CFS) as well as those that occur in SAMFS gazetted areas. During the reporting period 242 fires throughout the state were investigated.

As well as assisting the Police to indict the perpetrators of fire-related crimes, the investigations provide intelligence that assists the Fire Service to reduce the incidence and consequences of fires by proposing changes to legislation, by education of the general public and by notification to manufacturers of products implicated in the ignition of fires.

	2001-02	2000-01
Causes which were determined to be:		
• deliberately lit	46%	46%
• accidental	42%	40%
• of undetermined cause	12%	14%
• % of investigations in CFS areas	27%	17%

There were 13 fire-related fatalities of members of the public in fires attended and investigated by the Fire Service:

- 1 person died in an accidental car fire.
- 7 persons died in 6 accidentally lit house fires.
- 2 persons died in 2 deliberately lit house fires.
- 1 person died in a house fire of undetermined cause.
- 2 persons died in 2 accidentally lit shed fires.

The inspection of places of public assembly and the issue of rectification orders

1 432 public buildings, in particular licensed premises, were inspected during hours of operation to ensure that regulations related to over-crowding, fire exits, emergency lighting and fire fighting appliances are being complied with. These inspections are conducted during the hours of maximum occupancy. In most cases that is between 2300 hours and 0300 hours on Friday and Saturday nights. These inspections resulted in the issue of 164 Rectification Orders.

The apparent downturn from 1 458 during the previous reporting period is due in part to the precedence necessarily given to fire cause investigations during the most common hours of inspection. This will require consideration in the coming year. However, the positive effect of the SAMFS presence at these places of public assembly continues.

The development of effective fire and hazardous substance legislation

Apart from progressive changes to the Building Code of Australia there was no legislative change within the reporting period.

Future Directions

The Department will continue to provide a high level of efficiency and expertise in all services under this goal.

FIRE SAFETY DEPARTMENT

FIRE PROTECTION

Goal

To provide the public of South Australia with cost-effective life protection, by ensuring that fire detection, fire protection and fire fighting equipment is installed and operating in accordance with legislative requirements.

Performance Indicators

- Connection and ongoing monitoring of fire detection and suppression systems.
- Testing and commissioning of hydrant and hose reel systems.
- Upgrading of fire protection in existing buildings.
- Fire safety inspection of health care premises.

Achievements

Where a building is required by building rules to be equipped with a hydrant or sprinkler booster assembly or a fire detection system monitored by the Fire Service, Local Government must, before granting a certificate of occupancy, seek and have regard to a report from the Fire Service on whether the installed fire detection, fire fighting or smoke control facilities are installed and operating satisfactorily.

The Department carried out 298 tasks related to the inspections and connections to the Fire Service (for monitoring of fire detection systems (heat, smoke and sprinkler). On numerous occasions these systems required preliminary inspections and, having failed initial testing, required re-testing once faults were rectified.

Hot smoke testing

Hot smoke testing is carried out in some premises to ensure that the smoke handling systems installed will in fact maintain a breathable atmosphere for occupants while they escape from a fire. During this financial year a series of seven hot smoke tests were conducted.

Testing and commissioning of hydrant and hose reel systems

Hydrant and hose reel systems are acceptance tested when installed and then, using Australian Standard 1851.4 1992 'Maintenance of fire protection equipment - Fire hydrant installations' as the code of practice, should be re-tested every three years. The Department carried out 228 tasks in relation to the inspections and testing of boosters, hydrants and hose reel systems.

Building Fire Safety Committees

Building Fire Safety Committees operate in council areas throughout the State. The role of these committees is to ensure appropriate levels of fire safety and protection in buildings concentrating, particularly on buildings in which unrelated people sleep; eg boarding houses, nursing homes, hotels, backpacker hostels. In total, eighty-eight meetings were attended and ninety-seven premises were inspected.

The activity of Building Fire Safety Committees is slowly increasing as more local government authorities form committees either individually or in localised groups. The committee is required to include a representative of the relevant fire authority.

Fire safety inspection of health care premises

Triennial inspection of health care premises by fire safety officers ensures that an appropriate level of fire safety is maintained. During this reporting period 105 inspections and reports were conducted on health care facilities.

Future Directions

The Department will seek to increase the number of premises complying with the requirements of the Regulations under the Development Act and the Occupational Health, Safety and Welfare Regulations in relation to triennial hydrant booster testing. The Department will continue to ensure the current high level of fire safety in South Australian health facilities.

Increasing activity of Building Fire Safety Committees will ensure an appropriate level of fire safety in budget accommodation premises.

FIRE SAFETY DEPARTMENT

COMMUNITY SAFETY EDUCATION SECTION

Goal

The Community Safety Education Section is clearly focused on encouraging cultural and behavioural change that supports South Australian communities in taking responsibility for their own risk management and community safety. We aim to achieve this change by integrating and developing partnerships with communities using targeted education and public safety awareness programs. The Section is committed to putting the community first, respecting individuals in their diverse communities and being responsive to changing community needs.

We have developed important partnerships with other emergency services and with government and non-government agencies to provide effective and efficient community safety support to our communities.

Performance Indicator

- The Community Safety Education Section short-term priorities are directed towards ongoing development and delivery of multicultural community awareness information, aged care support programs, the Juvenile Fire Awareness Education and Intervention Program and fire safety campaigns.

Achievements

Juvenile Firesetters Intervention and Education Program

This year the Juvenile Firesetters Intervention and Education Program enters its second decade.

	2001-02	2000-01
• Juvenile firesetters referred to SAMFS	152	127
• Counselling sessions with those juveniles	251	258
• Family conference sessions with offenders and their parents through the Youth Court	27	29
• Follow up visits with offenders and their parents resulting from the family conference	30	41

It is pleasing to note that, of all the families visited for these interventions, only five reported any repeat fire play after the first visit.

Multicultural Program

The Community Safety Education Section developed the 'How to keep your home fire safe' brochure in conjunction with the Division of Multicultural Affairs. The brochure was translated into Vietnamese, Cambodian, Italian, and Greek, 105 000 copies were printed and distributed into these communities. The 'How to keep your home fire safe' brochure was funded by the Emergency Services Grant Fund. The next phase of the Multicultural Program will see the brochure translated and printed in Serbian, Croatian, Spanish, Korean, Persian, Arabic and Polish.

Isolated Elderly Program

In partnership with Southern Domiciliary Care, the Community Safety Education Section developed and implemented a program that targets carers that have daily contact with the isolated 65+ age group. This program provides training, education and information that carers can use to provide important home safety, smoke alarm and security information and advice.

Change Your Clock Change Your Smoke Alarm Battery Campaign

In March 2002 the SAMFS undertook to coordinate a major public awareness campaign in association with the CFS and supported by Duracell. The campaign was designed to encourage the South Australian community to be aware of the need to change smoke alarm batteries annually. The date of changing the clock from daylight savings is an ideal anniversary date as preparation for winter, when the incidence of fire in the home is statistically higher (by 12%). The campaign also highlighted the need for the community to test smoke alarms regularly and to ensure the alarms worked correctly.

Post campaign analysis from Duracell indicated that there was a positive response from the South Australian public to all campaign messages.

FIRE SAFETY DEPARTMENT

Fire Safety Campaigns

The Summer Fire Safety Campaign for Adelaide metropolitan and regional country centres targeted the importance of home occupiers having the 'home fire safety kit' which consists of a smoke alarm, dry powder extinguisher, fire blanket and home fire escape plan. The campaign was delivered using press, radio and television.

The Winter Fire Safety Campaign for Adelaide metropolitan and regional country centres targeted the importance of having a working smoke alarm through the 'Change Your Clock Change Your Smoke Alarm Battery Campaign'. Further press, radio and television promotion targeted heating, electrical and chimney fire prevention.

Royal Adelaide Show

More than 14 000 people visited the SAMFS stand at the Adelaide Royal Show which saw the introduction of Livelonga Lane paid for by the Emergency Services Grant Fund. Livelonga Lane is an educational pathway that delivers key fire safety messages for children by telling the story of a house fire. Children participated in a competition that was used to gauge the effectiveness of the Livelonga Lane key fire safety messages. Winners, depending on age, received a ride to school in a fire appliance or a CD player donated by a local supplier.

Future Directions

The Community Safety Education Section has begun work on the longer-term priority of establishing broad-based research and data analysis to clearly define the Section's direction and program development. Research and data analysis will provide community risk profiles relating to fire causes, fire injury, demographic information on fire incidence, levels of fire awareness knowledge in the community, national and international evaluation on the success of other fire safety education programs and, most importantly, the behavioural causes behind the statistics.

Community safety education output will grow as the SAMFS continues to move towards a primary focus on prevention.



LIVELONGA LANE (set up and in full swing).

TRAINING

The SAMFS Training Department relocated in January 2002 from Adelaide Station to the new Angle Park Training College site, 498 Grand Junction Road, Angle Park.

The Training Department is responsible for the provision of quality training, development and educational services to operational personnel in both Metropolitan and Country Operations.

The SAMFS Training Department also provides training services to sections of the South Australian Police and other key emergency service organisations where formal arrangements exist for the provision of such services.

Training Department Outputs

- Staff Development Framework.
- Operational Training Support.
- Recruit Selection & Training.
- Breathing Apparatus Training, Administration & Coordination.
- Emergency Services Training.



Angle Park Training College

Staff Development Framework

Goal

The Staff Development Framework will provide all training and development required by all SAMFS personnel in the areas of acquisition, maintenance and induction.

Performance Indicators

- All acquisition training that is offered to the SAMFS operational personnel is aligned to national standards including the National Public Safety Training Package.
- Appropriate and quality training and education services are provided to all SAMFS operational personnel to ensure that the SAMFS can meet its obligations to the community.
- Training and education services that are provided to SAMFS operational staff are delivered using the principles of fairness and equity in line with competency based training and Public Sector guidelines.
- Continuous research of national trends in training delivery occurs by providing representation on national committees associated with the Australasian Fire Authorities Council.

Achievements

The development and implementation of the SAMFS Staff Development Framework continues to be the major focus of the Training Department and significant resources have been allocated to this task. Planning the rollout of the Staff Development Framework is ongoing.

TRAINING

The Training Department conducted an internal restructure and specific sections have been established to allow for greater efficiencies in the generation of training and educational products required for the implementation of the Staff Development Framework.

The Staff Development Framework Implementation Plan was completed and the first phase of implementation commenced in the second quarter of 2002.

The SAMFS Staff Development Framework was remapped to accommodate the newly endorsed national Public Safety Training Package.

Thirty four graduating recruits were enrolled in the 4th Class Firefighter Program including units provided by the Open Training Education Network, New South Wales TAFE.

The SAMFS Training Advisory Committee oversees the development and implementation of the Staff Development Framework. This Committee is made up of the SAMFS training development management and United Fire Fighters Union representatives working together to progress the issues associated with the implementation of the Staff Development Framework.

Future Directions

The Training Department will continue to provide representatives to the Training Advisory Committee.

The Training Department will continue to provide SAMFS management with advice regarding training and education initiatives.

The Training Department will continue to develop product associated with the operational units of the Staff Development Framework.

The Training Department will continue to maintain its registered training organisation status so that the SAMFS can provide nationally accredited training to its operational staff.

TRAINING

OPERATIONAL TRAINING SUPPORT

Goal

The Operational Training Support section within the Training Department will continue to provide training and development support to operational personnel. The main areas of focus for the Operational Training Support section include the coordination of the in-service training programs, specialist skills maintenance training programs and the Station Skills Maintenance Training programs.

Performance Indicators

- The SAMFS continues to develop into a Learning Organisation within program budgets and available staffing levels.
- The in-service training programs have been delivered to comply with national standards.
- Ongoing liaison with Metropolitan and Country Operations to ascertain future training requirements of all departments.

Achievements

Operational personnel successfully completed a range of internal training courses:

Courses	Participants
• Light Road Crash Rescue in-service program	255
• Medium Road Crash Rescue in-service program	241
• Urban Search and Rescue: Category 1 in-service program	536
• First Aid in-service program	258
• Advanced Oxygen Therapy in-service program	257
• Requirements of individual class progression courses	118

Two SAMFS operational personnel completed the Graduate Certificate of Management through the Australasian Fire Authorities Council Executive Development program.

Future Directions

To develop the Angle Park Training College to meet the needs of SAMFS operational personnel with a focus on developing a high volume recyclable water training facility to enable recruit training to be conducted at the site.

Implement a series of programs specifically designed for Officer and Incident Controller development, utilising computer simulation technology.

To develop the Angle Park Training College into a Centre of Training Excellence for emergency incident management.

Develop courses and training products in response to requests from industry.

Develop courses and training product aimed at national and international markets in the field of emergency incident management.



Road crash rescue: (Picture courtesy of The Advertiser: Photographer Mike Burton).

TRAINING

RECRUIT SELECTION AND TRAINING

Goal

Select and train suitable applicants as Recruit Firefighters to meet organisational needs.

Performance Indicator

- Selection and training of suitable applicants to meet the requirements of Metropolitan Operations.

Achievements



Recruit squad 23/2001 and Training Department instructors

Seventeen recruits successfully completed the recruit training program and graduated on 17 August 2001 with a further seventeen graduating 16 November 2001. All are now operational.

The Training Department conducted and coordinated a series of selection tests to identify suitable applicants to enter recruit-training programs.

In early 2002, thirty-six recruit firefighters were selected to enter recruit training programs. The recruit selection process was conducted in association with the Human Resources Section, Emergency Services Administrative Unit.

A Recruitment and Selection Review Committee was formed to prepare a report to the SAMFS management following a comprehensive review of the current SAMFS recruitment selection processes.

Future Directions

Review the suitability of the current thirteen week recruit training program. The review will include an evaluation of the content and curriculum of the current recruit program to ensure alignment with SAMFS strategic directions and the public safety training package.

In conjunction with ESAU Human Resources and Metropolitan Operations, the Training Department will develop a SAMFS five-year Workforce Plan.



Some light weight training as firefighters prepare for the City-Bay Run: (Picture courtesy of The Advertiser: Photographer Leon Mead).

TRAINING

BREATHING APPARATUS TRAINING, ADMINISTRATION & COORDINATION

Goal

Ensure that all SAMFS breathing apparatus and other equipment is maintained to the highest standards.

Performance Indicator

- All SAMFS breathing apparatus and associated equipment is serviced and maintained to the highest standards in accordance with manufacturers' specifications.

Achievements

A new Breathing Apparatus/ Hazardous Materials Appliance was commissioned into service.

The rollout of the new 6-litre carbon fibre breathing apparatus cylinders to Country Operations stations was completed.

Continued servicing of the Holmatro rescue equipment, breathing apparatus equipment and Task Force Tip branches to meet manufacturers' recommended service standards is ongoing.



Training: Firefighters undergoing BA equipment safety checks

Future Directions

The SAMFS Breathing Apparatus Officer will develop a report on the potential of expanding the breathing apparatus section to enable provision of breathing apparatus servicing to other emergency service organisations.

The breathing apparatus servicing area in the Adelaide Station Training Building will be re-developed to meet the specific requirements of the section.

TRAINING

EMERGENCY SERVICE TRAINING

Goal

The SAMFS Training Department is committed to collaborating with other Emergency Services Organisations in the area of training and will continue to identify ways in which joint initiatives can be progressed.

Performance Indicator

- To improve the coordination of joint training initiatives between the SAMFS and other emergency service organisations.

Achievements

Training Department personnel represented the SAMFS on the Inter Agency Training Committee.

Training Department personnel represented SAMFS on the Central Exercise Writing Team coordinated by the South Australian Police.

Training in Breathing Apparatus and Hazardous Materials handling was conducted for the South Australian Police Star Division and the Drug and Organised Crime Division.

Sixty-three personnel from other agencies completed the SAMFS Category 1 Urban Search and Rescue training program:

Organisation	Participants
State Emergency Service	26
South Australian Ambulance Service	18
South Australian Police	16
Country Fire Service	2
Playford City Council representative	1

Future Direction

The Training Department will investigate the suitability of computer simulation as a method of progressing joint agency Incident Controller training. The Department will evaluate the potential of the VectorCommand simulator as an ongoing appraisal tool for the State's emergency service preparedness and capabilities in the event of a major emergency or state disaster.

OPERATIONS

METROPOLITAN OPERATIONS

Goal

To provide suitable resources and implement appropriate strategies mitigating the impact to life, property and the environment, ensuring the community of South Australia a timely and professional response to fires and other emergencies.

Performance Indicators

- Arrival of the first response crew within **7** minutes of call receipt to **90%** of reported incidents within gazetted metropolitan fire districts.
- Continual replacement of appliances to achieve the fifteen year effective life policy for metropolitan operational appliances.
- Continual review of existing metropolitan fire stations to ensure that they are positioned to ensure optimum service provision.
- Continual review of operational staff skills and training to ensure that appropriate training is provided to ensure continuity of appropriate service provision.
- Maintain and improve the condition of existing metropolitan fire stations to ensure compliance with current Occupational Health Safety and Welfare standards.
- Review performance and replace operational equipment as necessary to ensure best practice and compliance with OHS&W standards.

Achievements

Within the SAMFS metropolitan gazetted fire district, response time from the receipt of an emergency call to the first responding appliance was within **7** minutes for **71%** of incidents. The average response to all emergency incidents for the year was **6 minutes 10 seconds**.

Four General Purpose Pumper appliances have been replaced within the metropolitan fleet this financial year.

One Breathing Apparatus/Hazardous Material appliance has been replaced this financial year.

One Support Tender appliance has been refurbished and replaced on duty this financial year.

An additional truck has been converted to a hook lift appliance and four Demountable Recoverable Operational Pod System platforms designed for delivering foam, operational equipment and supplies to incidents have been built this financial year.

Plans for rebuilding Elizabeth Fire Station and options for the relocation of Ridgehaven Fire Station are progressing and both projects should commence within the next financial year.



Drop Pod system

OPERATIONS

Performance reviews and the programmed replacement of operational equipment is continuing. 95% of operational personnel have achieved Level 1 Urban Search and Rescue training to national standards.



95% of operational personnel have achieved Level 1 Road Crash Rescue training to national standards.

A Chemical, Biological and Radiological Unit has been established to ensure that SAMFS can continue to provide an appropriate and efficient response to chemical, biological and radiological related incidents.



MV Gallantry

The MV Gallantry is a State asset emergency response vessel deployable along the State's coastal regions.

During this reporting period the vessel was utilised by Transport SA for the dispersion of oil in the gulf and for the disposal of a whale carcass by towing it to a safe disposal area. The vessel participates in joint rescue exercises with the Rescue 1 helicopter and South Australian Ambulance Service patient retrieval. The exercises involve the use of the MV Gallantry as a casualty evacuation platform.

The vessel's main purpose in firefighting is to deluge surface vessels with salt water, to supply water to land based firefighting appliances and to assist in salvage operations. The MV Gallantry has the capacity to pump approximately 13 000 litres of water per minute.

Future Directions

The SAMFS Metropolitan Operations will continue to review performance of the incident cycle response phase. In particular, SAMFS Metropolitan Operations will:

- Continue with the staged implementation of urban search and rescue capability within Metropolitan Operations to assist in an integrated multi-agency response.
- Continue with the design, building and introduction into service of additional Demountable Recoverable Operational Pods in the next financial year.
- Continue to enhance SAMFS' s preparation, preparedness, response and recovery capability to manage chemical, biological and radiological, Hazardous Materials and Technical Rescue type incidents.

OPERATIONS

COUNTRY OPERATIONS

Goal

To provide suitable resources and implement appropriate strategies mitigating the impact to life, property and the environment, ensuring the community of South Australia a timely and professional response to fires and other emergencies.

Achievements

Renmark Station

Government approval has been granted for the commencement of the Emergency Services Centre at Renmark. This will be a collocated facility between SAMFS and the State Emergency Service.

Acquisition of new equipment

All stations were provided with new positive pressure ventilation fans and the necessary training to utilise them safely and effectively.

This equipment will enhance the ability of firefighters to enter a building, search and locate the seat of the fire and extinguish it with the potential for minimising damage.

Two Pump Rescue appliances were commissioned at Whyalla and Pt Augusta stations. The Minister for Emergency Services officially handed them over on the 23rd of May 2001. These appliances will enhance the ability of crews to respond to and deal with rescue incidents.

Computers and printers have been issued to all stations and are expected to provide an additional training medium for staff to access quality-training material.



Medium Urban Pumper

Voluntary hours

Retained personnel have contributed approximately 17 000 voluntary hours, which is in excess of the service requirement during this financial year. Activities conducted by retained personnel range from school visits, lectures to service clubs, public fire safety awareness programs, attendance at community events and inter-service training and exercises.

South Australian Government Radio Network

South Australian Government Radio Network paging is in operation at the Murray Bridge, Victor Harbor, Tanunda and Kapunda stations. Murray Bridge station is successfully using the network.

OPERATIONS

Training

The following training courses were conducted during 2001-2002:

- Hazardous Materials and Positive Pressure Ventilation training sessions were delivered to all country stations.
- Light Road Crash Rescue training sessions were delivered to stations at Berri, Loxton, Renmark, Pt Lincoln, Whyalla, Pt Augusta & Mt Gambier.
- Recruits:
 - Breathing Apparatus training
 - Hose & Ladder training
 - Live Fire training
- Delivery of Certificate IV, Workplace Assessment and Training to Pt Pirie Station.
- Managing Dignity in the Workplace sessions were delivered to Pt Pirie & Peterborough Stations.

Future Directions

The appliance replacement program within Country Operations will continue through the next financial year, with the replacement of some older vehicles with the new Medium Urban Pumpers.

Supervisor training will be instigated as part of the Staff Development Framework.

A close working relationship with the Community Safety Education Section will see a greater involvement in the communities currently being served.

OPERATIONS

MAJOR INCIDENTS

Light plane crash Montague Road, Pooraka 29 May 2002

Crews attended a light plane crash at Pooraka at approximately 1650hrs. The plane, a Cessna 150 Aerobat had been in the air only a few minutes when it lost altitude and crashed into an aluminium light pole on Montague Road. SAMFS crews were called to the incident and immediately doused the plane with foam eliminating the potential of any fuel igniting. The pilot suffered shoulder injuries and was taken to the Royal Adelaide Hospital.



Home, Timber & Hardware Store Lower North East Road, Dernancourt 24 May 2002

The fire started in a garden display fitted with ornate lights. It was determined that the lights had dried a chipboard part of the display to the point where the board ignited. More than forty SAMFS personnel fought the fire for 90 minutes before it was contained. Damage to the Lower North East Road business was estimated to be around \$1.5 million.

Spectrum Transformer Systems 1381 Main North Road, Para Hills West 12 April 2002



On arrival SAMFS crews found the factory well alight. Exploding gas cylinders further fuelled the blaze, which began at approximately 2150hrs. SAMFS crews fought the blaze with aerial appliances. The fire was brought under control by 2250hrs ending fears of it spreading to adjacent factories. Estimated damage to the factory was \$1.5 million.

Dripco Australia Plastics 9 Pinda Street, Kilkenny 6 March 2002

The Kilkenny plastics factory was ablaze when SAMFS crews arrived. 50 firefighters and 10 appliances spent most of the morning fighting the fire. The fire gutted the factory and caused damage estimated at \$2 million.

OPERATIONS

ETSA Sub Station
Mitsubishi Motors Australia Ltd
1284 South Road, Clovelly Park
10 January 2002



The sub station, owned by ETSA, is located in the property of Mitsubishi Motors Australia. The fire involved a transformer attached to high voltage wires, adjacent a nearby condenser and oil storage.

On arrival at the scene SAMFS crews could do nothing until ETSA cut off the power. This complex process took 30 minutes. SAMFS crews then proceeded with a comprehensive foam attack involving aerial appliances which quickly brought the fire under control.

Power supply along Marion Road was turned off and the incident affected power to as many as 4 000 homes in the area.

ETSA engineers at the site determined that the cause of the fire was an internal electrical fault inside the transformer which ultimately caused the oil to ignite. This caused an explosion which ruptured the wall of the transformer releasing burning oil.

Tanker rollover
Port Wakefield Road, Dry Creek
7 January 2002

More than 100 firefighters, including two specialist units from the Edinburgh RAAF base, took more than an hour to extinguish a blaze which was caused when a tanker rolled over and exploded in a fireball at Dry Creek. Approximately 80 000 litres of foam and water were used to extinguish the fire.



Toxic fumes: An inferno lights up the sky after the accident on Port Wakefield Road Dry Creek. (Picture courtesy of The Advertiser: Photographer Damir Ivka).

OPERATIONS

Festival City Freight Management 26 Gum Avenue, Dry Creek 27 December 2001

SAMFS crews responded to this fire at 0414hrs. On arrival crews found the premises, which was used as a transport storage yard, well involved in fire. Multiple hose lines and aerial appliances were used to bring the fire under control. Due to the extreme radiant heat, the only effective firefighting streams were from the aerial appliances. Firefighting was hampered by the lack of water supplies. Estimated damage to the property was \$1.2 million.

Disused factory Pym Street, Dudley Park 8 December 2001

The factory, which was previously used for manufacturing doors and windows, had been vacant for the past two years. Fourteen firefighters wearing breathing apparatus and using high-pressure hoses battled the fire for 30 minutes before bringing it under control. Firefighters had been called out three times to this Dudley Park factory, which was the target of determined arsonists who eventually succeeded in causing \$100 000 damage to the property.



Suspected arson attack on factory at Pym Street Dudley Park; firefighters inspect damage. (Picture courtesy of The Advertiser;; Photographer Toby Zerna).



Smoke billows from the Olympic Dam mine site. (Picture courtesy of The Advertiser; Photographer Ian Boyce).

Olympic Dam Mine Roxby Downs 21 October 2001

A fireball launching flames 50m into the air engulfed kerosene-filled ponds at the Olympic Dam Mine. The fire in the uranium and copper extraction ponds caused extensive damage, with steel girders and pipes within the complex melting in the intense heat.

Shortage of foam had hampered efforts to contain the fire. An extra 9 500 litres of foam was transported from SAMFS Headquarters in Adelaide and about 20 000 litres was flown in from Melbourne and Sydney. The blaze burned for about nine hours before being extinguished.

COMMUNICATIONS

Goal

To continue to improve efficiencies within the Communications Centre to further assist crews from all emergency services in our combined endeavour to protect the community from the negative effects of fire and other emergencies.

Achievements

Improvements to the Brigade Operations Management System

The Brigade Operations Management System has been upgraded over the last two years to improve the features required to provide a more customised response for individual areas.

A number of CFS brigades have taken advantage of these upgrades, with the SAMFS Communications Centre now assisting twenty-eight CFS brigades with handling their emergency calls while direct paging forty-three CFS brigades.

South Australian Government Radio Network

The South Australian Government Radio Network radios were used extensively throughout the metropolitan area and in some country areas for the first half of this financial year. However, interfaces between the old technology and the new radio system proved to be too much of a risk and the Network equipment in the communications centre was switched off on 24 December 2001.

Radio communications between the communications centre and operational vehicles will remain through the SAMFS owned VHF network until the introduction of the new Audio Management System which will interface with the Government Radio Network.

The South Australian Government Radio Network portable radios are still being used on the incident ground throughout the greater metropolitan area and in country areas as the Network rollout permits. Some difficulties are still being experienced over short distances.

Audio Management System

Planning and development of the new Audio Management System consoles and associated infrastructure is proceeding with the first stage being the provision of a demonstration console and audio management system equipment due by mid September 2002.

Communications Centre Environment

During this financial year the communications centre handled a total of 18 259 incidents that included 3 062 CFS dispatches. These figures are comparable with the previous year despite the fact that the summer of this year was considerably milder.

Future Directions

It is envisaged that the Audio Management System will be operational during the first quarter of 2003.

The next step will be to investigate the feasibility of establishing the Brigade Operations Management System databases on a more commonly used platform. It is anticipated that this process will occur during the second half of 2002.

PLANNING & LOGISTICS

The Planning and Logistics Department is responsible for Building Services, the Engineering Workshop, Project Management and Technical Communications. The combination of these sections contribute to excellence in the delivery of emergency services to the South Australian community through the provision of properly researched and developed acquisition plans and processes for services and equipment.

BUILDING SERVICES

Goal

To continually improve procedures to coordinate maintenance and projects for all SAMFS properties which will ensure increasingly effective outcomes.

Achievements

All requests for maintenance at both metropolitan and country stations have been processed in accordance with our goals. Some delays have been experienced due to difficulties with contractor services.

Fire alarm systems have been installed in metropolitan stations that have not previously had that protection.

A prototype truck washing system has been installed at the Oakden Station. This type of unit may be installed at other stations where it is necessary to comply with environmental requirements.

With the view to reduce the risk of back related injuries, the motorising of the rear engine room doors to all stations has commenced and will be completed as soon as possible.

Gym facilities have been provided at Brooklyn Park and O' Halloran Hill Stations.

The Adelaide Station Building Management System has been modified to start the standby generator when the maximum power demand is reached.

Future Directions

The Building Services Section is continuing to provide a comprehensive maintenance service to all stations.

More research to reduce energy consumption is being undertaken.

The use of solar thermal or photo voltaic cells for power generation at some stations is to be studied.

To complete motorising engine room doors at country stations.

The installation of a water recycling system at the Angle Park Training Facility.

PLANNING & LOGISTICS

Performance against annual energy use targets

	<i>Energy Use (GJ)</i>	<i>Expenditure (\$)</i>	<i>Emissions (t/CO2)</i>
CBD and Metropolitan	10 722	\$320 122	2 694
Country	789	\$30 977	241
Total	11 511	\$351 099	2 935

Contestable sites

	<i>Energy Use (GJ)</i>	<i>Expenditure (\$)</i>	<i>Emissions (t/CO2)</i>
CBD and Metropolitan	8 007	\$196 434	1 797
Country	-	-	-
Total	8 007	\$196 434	1 797

Emergency consumption targets

	<i>Energy Use (GJ)</i>	<i>Expenditure (\$)</i>	<i>Emissions (t/CO2)</i>
Base year 2000-2001	12 663	\$369 186	3 290
Year being reported 2001-2002	11 511	\$351 099	2 935
Portfolio target for year being reported (energy use in base year less 0.45%)	12 606	-	3 275
Portfolio target for year 2010 (energy use in base year less 15%)	10 764	-	2 797

PLANNING & LOGISTICS

ENGINEERING WORKSHOP

Goal

To provide a customer focused, cost effective support service group with expertise and resources to repair and maintain fire appliances and equipment as required.

Achievements

The engineering staff and mobile service truck 28 supported the SAMFS contingent to the New South Wales bushfire with on-site repair and maintenance support in December 2001 - January 2002. This proved to be an invaluable resource and was utilised extensively throughout the entire operation.

The SAMFS has researched and tested mechanical seals in SEH Darley pumps which have been developed by a Western Australian Company as opposed to the existing packing seals for minimising pump maintenance and water leaks. A 93 series Scania pumper has had the new seals fitted and is now operational on completion of a successful trial.

The midlife refurbishment of all Scania 93 series pumpers is underway. The refurbishment of the pumpers will extend the working life of the vehicles and provide an economical alternative to vehicle replacement.

Ladder gantries on appliances are currently being modified to accept the new style Angus Sacol ladders.

The acceptance and fit out of the new Scania 94 series pumpers will be completed by September 2002.

The new Hazardous Materials unit is now completed and is operational at Adelaide station.

Fleet no. 95 'Adelaide Crash Rescue Tender' has had its rebuild completed and is now operational.

The proven Hook-Lift (Drop Pod) system is operational. The Hook-Lift fitting of the foam tender has been completed and several other body and tray configurations built for varying applications.

A new Bronto Skylift was delivered in June and is currently undergoing a body build, which will be completed in November-December 2002.



Mobile service truck and engineering staff

PLANNING & LOGISTICS

Training

A National Darley pump training course, conducted by a representative for Darley Pumps USA, was held at the SAMFS Engineering complex at Deeds Road, North Plympton. Attendees at the training course included representatives from:

- South Australian Metropolitan Fire Service
- MILLS TUI
- Department of Defence
- Melbourne Fire & Emergency Services Board
- Country Fire Authority
- Australian Capital Territories Fire Board
- Queensland Fire & Rescue Service
- Skilled Manufacturing
- Northern Territory Fire & Rescue Service
- Tasmanian Fire Service

Training has been conducted on the Scania 94 series pumper and on the Bronto Skylift .

Future Directions

Maintain the SAMFS fleet in a safe and operationally efficient condition at all times in a cost effective manner.

Assist in the research and development for the allocation for new appliances.

Provide an engineering workshop facility and human resources to maintain operations during emergencies.

RESEARCH AND DEVELOPMENT

Goals

To provide cost effective and efficient use of plant and equipment appropriate to the SAMFS.

To manage the assessment, acquisition and distribution of such equipment as timely as possible.

Achievements

Capital expenditure within the operations division appliance replacement program has been achieved by the completion of the Build Contract for the new model Scania 94 series Heavy Urban Pumpers. These appliances symbolise the operational interface and uniting of departments to achieve a desired outcome.

The mid life refurbishment of the model Scania 93 series is proving to be an economical alternative to replacement. The standardising of the locker layout has been achieved in consultation with the operational crews.

Future Directions

The SAMFS will continue to review and improve Research Development and Co-ordination Committee processes.

We will continue to consult and involve operational staff in the processes for procurement, modifications, repairs and concepts for equipment.

We will enhance the Hook-Lift System to include a standby Hazardous Materials Demountable Recoverable Operational Pod System and will continue with further research to develop an Urban Search and Rescue Demountable Recoverable Operational Pod System.

PLANNING & LOGISTICS

TECHNICAL COMMUNICATION

Goal

To provide an efficient, cost effective maintenance group with expertise and resources to repair and maintain operational fire service communications both in South Australian metropolitan and regional township areas where there is a SAMFS presence.

Performance Indicators

- Minimum disruption to service in accordance with SAMFS operational requirements.
- Continuous improvement to current technical standards in accordance with manufacturers specifications.
- All repairs achieved within accordance with SAMFS operational requirements.

Achievements

Country Operations

Portable computers with the 'Firemon' software package for fire alarm monitoring and pager activation for auxiliary staff response have been installed in 95% of the regional fire stations.

The five SAMFS country stations in business regions 1 & 2 of the South Australian Government Radio Network have mobile and portable radios operating on the trunked system and are capable of communicating with SAMFS Communications Centre. Network paging is also being utilised in these business regions. The five stations concerned are Mt Gambier, Murray Bridge, Tanunda, Kapunda and Victor Harbor.

Metropolitan Operations

The SAMFS has taken delivery of all mobile and portable radio equipment associated with the South Australian Government Radio Network. Project planning is well advanced for the refurbishment of the SAMFS Communications Centre to operate over the trunked network.

A 24-hour technical support service is provided by the Technical Communication team throughout the SAMFS gazetted fire districts on an on-call roster system.

This section also offers technical advice on procurement and service issues.

Future Direction

Planned upgrade of technical workshop area.

HUMAN RESOURCES

Goal

To ensure Human Resource Management services are provided to the management and staff of the emergency services agencies which address all personnel and employee relations matters relating to paid staff and results in employees being treated fairly and equitably.

Performance Indicators

- New Enterprise Agreement for firefighters and support staff.
- Firefighter recruit intake for 2001-02.
- Selection for promotional positions in Commander, District Officer and Station Officer ranks.
- Workplace Dignity training across the organisation.
- Human Resource Development initiatives.

Achievements

Enterprise Agreement for firefighters

The negotiations for the Enterprise Agreement commenced on 6 April 2002 and concluded 18 April 2002. The negotiations were conducted in a positive manner that is reflected by the short timeframe in which agreement was reached.

The new Enterprise Agreement extends by Proclamation of the Governor the Long Service Leave provisions of the Public Sector Management Act 1995 to all firefighters bringing them into line with other public sector employees.

The SAMFS and the United Firefighters Union are meeting regularly to implement the Enterprise Agreement outcomes.

Enterprise Agreement for support staff

The Enterprise Agreement covering support staff expired on 1 October 2001.

SAMFS has a proposed agenda currently with the Office for the Commissioner for Public Employment which will then be submitted to the Industrial Claims Coordinating Committee for approval prior to entering negotiations with the relevant unions.

Conform with industrial legislation requirements

As a requirement of the Workplace Relations Act 1996 the Firefighting Employees Award was subject to the 'award simplification' process. Changes are now before the Australian Industrial Relations Commission for consolidation into the Award.

Firefighter recruit intake

- Firefighter Recruit intake commenced in January 2002.
- 693 applications were received for 36 available positions.
- A recruit squad of 18 commenced a thirteen-week training program in May 2002 with a further 18 scheduled to commence in September 2002.
- An extensive review of the current recruit process will commence in June 2002.



The Australian Institute of Sport 'shuttle run' is used in the physical aptitude testing of potential recruits.

HUMAN RESOURCES

Selection for promotional positions

Selection processes commenced in the 2001-02 reporting period for positions in the ranks of Commander, District Officer and Station Officer.

- Three positions at Commander rank were filled.
- Five positions at District Officer rank were filled.

Twenty-four applicants were nominated for Station Officer rank from the Sub-Station Officer rank, however, the nominations have been withdrawn as the Sub-Station Officer rank has been rescinded and the occupants made up to Station Officer rank through the enterprise bargaining process.

Equal Opportunity

A training program commenced in April 2001 across the emergency service agencies under the heading of 'Workplace Dignity'. In addition to workplace bullying, this training also encompassed awareness in sexual harassment and awareness of cultural diversity (including Aboriginal cultural awareness). This training was delivered in metropolitan and country areas.

The Training strategy involved three components:

- Awareness training for all staff
- Additional training for managers and supervisors; and.
- Support for work areas in developing and implementing action plans to address identified problems

Diversity reporting requirements

- Details on the ethnicity of the whole of SAMFS operational workforce are currently not available.
- Data is being collected from candidates for full-time firefighting positions through the application process. The 2002 recruitment program secured thirty-six new recruits. Seven of those thirty-six have been identified as having a culturally diverse background.

Human Resource development

Throughout 2001-02, the Human Resource Branch has coordinated a regular Managers Network program for managers across the emergency service agencies. This program involves monthly meetings with a presentation on a topical leadership or management issues from subject experts, combined with an opportunity to network with colleagues from across the services. The program makes it easy for managers to access information on current trends in management, and issues across the broader emergency services.

The Human Resource branch has also facilitated strategic planning for the Inter-agency Training Committee. With the newly approved strategic plan, the Committee will foster greater cooperation, sharing of ideas and resources across the emergency services to leverage the best return from human resource development investment for the emergency service agencies.

Future Direction

An extensive review of the firefighter recruitment process will be finalised by the end of the 2002-03 financial year. The review will address the gender imbalance and diversity issues that currently exist, with a view to improving employment opportunities for woman and diverse groups.

A survey collecting data from existing employees on ethnicity will be conducted on a voluntary basis in 2002-03 to meet the Office of the Commissioner for Public Employment requirements.



Dedicated Teams: Only 16 of the 935 MFS firefighters around the state are women: (Picture courtesy of The Advertiser: Photographer Brodie Campbell).

HUMAN RESOURCES

WORKFORCE STATISTICS

SAMFS Employees as at the last Pay Day in June 2002

Appointment type	Ongoing		Contract long term		Total	FTE (1)
	Male	Female	Male	Female		
Executives			2		2	2.00
Weekly paid	18				18	18.00
Emergency Services						
Full time	718	2			720	
Part time	201	14			215	741.50
Public sector salaried						
Full time	6	2			8	8.00
Total	943	18	2		963	769.50

Changes in FTE employment

	2002	2001
Full time	748.0	725.0
Part time	21.5	20.4
Total	769.5	745.4

SAMFS staff numbers have been increased to cover employees who have been on long term sick leave and are unlikely to return to the workforce.

SAMFS has had difficulty in the past attracting people to fill vacancies in the retained (part-time country) firefighting ranks and additional effort has been made in the last 12 months to fill these positions.

Leave Management: Sick and family carer leave: Number of leave days taken as per FTE

(these numbers do NOT need to match any other form)

	2001-02	2000-01	1999-00
Total number of sick leave days taken	*6 452.06	6 570.00	6 571.00
Total number of family carer leave days taken	315.75	315.00	151.00

*Average sick leave = 8.8 days

HUMAN RESOURCES

All employees by age, appointment types and gender as at the last payday in June 2002

Age Group (years)	Number of Employees (persons)			% of all agency employees	% of Australian Workforce **	% of Australian Population***
	Male	Female	Total			
15-19		1	1	.0010	8.0	7.0
20-24	30	3	33	.0343	11.4	7.1
25-29	62	5	67	.0695	11.9	7.5
30-34	97	4	101	.1049	11.9	7.5
35-39	171	1	172	.1786	11.8	7.6
40-44	227	1	228	.2369	12.3	7.6
45-49	135 ⁺¹	2	138	.1433	11.5	7.0
50-54	148	1	149	.1547	9.9	6.6
55-59	63 ⁺¹		64	.0665	6.7	5.1
60-64	8		8	.0083	3.1	4.1
65+	2		2	.0020	1.6	12.5
Total	943	18	963			

⁺ Contract - long term

** Australian Workforce information (as at April 2002) sourced from ABS Supertable C2

*** Australian Population information (as at June 2001) sourced from ABS 3201.0

HUMAN RESOURCES

OCCUPATION HEALTH, SAFETY AND WELFARE

Trends

There has been a shift in the activities that caused new injuries during this financial year. Operational incidents accounted for 50%, station duties 27% and sporting injuries 23%.

Analysis of the statistics shows that knees, ankles, shoulders and psychological claims are the most expensive and most common. A total of 688 days were lost due to these injuries. The introduction of improved manual handling techniques, trunk stability programs and improved design of appliance lockers has reduced the number of back claims. Strategies utilising the expertise of occupational physicians, occupational therapists, podiatrists, physiotherapist and psychologists, in conjunction with firefighters, are being developed to minimise these incidents.

Performance

Target: 10% reduction in the number of new claims for 2001-02. This target was achieved with an overall reduction of 15.3%.

Target: 10% reduction in claims costs for all claims for 2001-02. This target was not achieved with an overall increase of 2% for this period due to the increase in severity of lost time injuries.

Target: 90% of all newly elected health and safety representatives complete level 1 training. Successfully achieved through providing training on site using an external provider.

100% of OHS&W Committee members completed the training program successfully in a one-day training session off site.

Integration of station and appliance inspections into the Station Management System is now completed. New forms have been created for better information gathering. Inspections are now conducted in accordance with the Standard Administrative Procedure No.18 (Station Activity Schedule).

The introduction of a management framework based on quality and continuous improvement is ongoing.

An independent audit was conducted and action plans were developed. The action plans are to be implemented in September 2002.

HUMAN RESOURCES

EMPLOYEE ASSISTANCE PROGRAM (EAP) - STATISTICAL DATA

CATEGORY REFERRALS	NUMBER OF REFERRALS	NUMBER OF
	JULY-DECEMBER 2001	JANUARY-JUNE 2002
<i>Ongoing cases carried through from previous six month period</i>	1	6
• Staff	1	6
• Immediate family members	0	0
<i>New referrals for six month period</i>	26	31
• Staff	25	29
• Immediate family members	1	2
<i>Cases closed this six month period</i>	21	29
• Staff	20	27
• Immediate family members	1	2
<i>On going cases being carried into next six month period</i>	6	8
• Staff	6	8
• Immediate family members	0	0
<i>Total consultations conducted in six month period</i>	56	87
• Staff	53	84
• Immediate family members	3	3

WORKERS COMPENSATION

Goal

To ensure fair and equitable management of all claims by adhering to the requirements of the Workers Rehabilitation and Compensation Act and Exempt Employer Standards and thereby ensuring the SAMFS retains its exempt employer status.

Performance Indicators

- Reduction in total number of work injuries
- Accurate analysis of causes of injury
- Reduction in future liability

Achievements

During 2001-02 the SAMFS experienced a 15.3 % decrease (177 to 150) in the number of compensation claims lodged as a result of injuries. Although the number of claims decreased significantly, the severity of claims has risen again with 55% of claims incurring lost time compared with 41% of claims in 2000-01 and 55% in 1999-00. However, the cost of new claims has risen dramatically over the last three years from \$187 559 (1999-00) to \$213 656 (2000-01) and now \$416 762 in 2001-02.

Mechanism of Injury

The second year of utilising the IDEAS database to manage claims together with the separate IDEAS RS reporting system to analyse and report on claims has continued to present some difficulties in the analysis of injury mechanisms and related claims management data.

The most frequent cause (mechanism) of injury continues to be **Body Stressing**, representing 31% of all new injuries sustained during 2001-02 compared with 36% in 2000-01 and 54% in 1999-00. The most expensive cause (mechanism) of injury also continues to be **Body Stressing** comprising 31% of expenditure on new claims in 2001-02, compared with 42% in 2000-01 and 65% in 1999-00. However, the number and expense of **Body Stressing** claims continues to decline as a percentage of new claims.

The average cost of the 150 new claims in 2001-02 was \$2778.41 compared with an average cost for new claims in 2000-01 of \$1207.10. During 2001-02 a total of 1172 working days were lost due to new workers compensation claims compared to 908 days in 2000-01 and 1198 days in 1999-00.

Reducing Outstanding Liability

With the aim of reducing the SAMFS outstanding liability, workers have continued to be informed about their entitlements under S.43 of the Act for lump sum compensation for permanent loss of function. The SAMFS received and processed five applications for assessment in 2001-02, predominantly for noise induced hearing loss claims, with an average payment in 2001-02 of \$7 966 compared with \$24 908 in 2000-01.

Agreement was reached with two workers to redeem SAMFS' future liabilities under S.42 of the Act. The finalised redemption agreements enabled SAMFS to reduce its outstanding liabilities with regard to ongoing workers compensation payments by approximately \$460 000 over the life of these two claims.

Future Direction

The integration of record keeping and the reporting of all accidents and incidents, not just those leading to workers compensation claims, continue to be major problems for analysing accident trends. Whilst ESAU has been trialing the Hazard & Incident Reporting System (HIRS) for the recording of SAMFS' incidents, the system's non-integration with IDEAS continues to present problems in accurately reporting and recording all accidents and incidents. The need to maintain and update two separate databases (IDEAS and HIRS) presents an ongoing challenge as far as the provision of adequate resources is concerned. It is expected that the introduction of the proposed IDEAS RS Manual in 2002-03 will enable meaningful reports to be more easily accessed and distributed to SAMFS executive and management over the next twelve months.

HUMAN RESOURCES

WORKERS COMPENSATION TABLE

		2001-02	2000-01	1999-00
1	OH&S Legislative Requirements			
	• Number of notifiable occurrences pursuant to OHS&W Regulations, Division 6.6		1	1
	• Number of notifiable injuries pursuant to OHS&W Regulations, Division 6.6	1	0	0
	• Number of notices served pursuant to OHS&W Act, Sections 35, 39 & 40	0	0	1

		2001-02	2000-01	1999-00
2	Injury Management Legislative Requirements			
	• Total number of employees who participated in the rehabilitation program	45	39	39
	• Total number of employees rehabilitated and reassigned to alternative duties	2	1	1
	• Total number of employees rehabilitated back to their original work	39	32	35

		2001-02	2000-01	1999-00
3	WorkCover Action Limits			
	• The number of open claims as at 30 June	110	170	107
	• Percentage of workers compensation expenditure over gross annual remuneration	2.37%	2.73%	1.99%

		2001-02	2000-01	1999-00
4	Number of Injuries			
	• The number of new workers compensation claims in the financial year	150	177	122
	• The number of fatalities	0	0	0
	• The number of lost time injuries	82	72	70
	• The number of medical treatment only injuries during the reporting period	68	105	52
	• Total number of whole working days lost	1 172	908	1 198

		2001-02	2000-01	1999-00
5	Cost of Workers Compensation	\$	\$	\$
	• Cost of new claims for the financial year	416 762	213 656	187 559
	• Cost of all claims excluding lump sum payments	998 438	769 017	718 723
	• Amount paid for lump sum payments (S.42 of the WRC Act)	100 000	120 000	0
	• Amount paid for lump sum payments (S.43 of the WRC Act)	39 831	224 168	60 009
	• Amount paid for lump sum payments (S.44 of the WRC Act)	0	0	0
	• Total amount recovered from external sources (S.54 of the WRC Act)	3 024	37 683	N/A
	• Budget allocation for workers compensation	1 638 034	1 729 255	1 687 346

HUMAN RESOURCES

		2001-02	2000-01	1999-00
6	Trends			
	• Injury frequency rate (calculated from Australian Standard AS1885) for new lost time injury/disease for each million hours worked	Not available	Not available	48.1
	• Most frequent cause (mechanism) of injury 2001- 02 <i>Body Stressing</i> 2000-01 <i>Body Stressing</i> 1999-00 <i>Body Stressing</i>	46 31% of new claims	63 36% of new claims	66 54% of new claims
	• Most expensive cause (mechanism) of injury 2001-02 <i>Body Stressing</i> 2000-01 <i>Body Stressing</i> 1999-00 <i>Body Stressing</i>	\$127 848 31% of new claims	\$ 89 271 42% of new claims	\$121 798 65% of new claims

		2001-02	2000-01	1999-00
7	Meeting the Organisation' s Strategic Targets			
	• 10% reduction in new claim numbers for the financial year 2001-02 compared to financial year 2000-01.	15.3% reduction		
	• 10% reduction in new claim financial costs for the financial year 2001-02 compared to financial year 2000-01.	95% increase		
	• 10% reduction in gross financial costs for the financial year 2001-02 compared to financial year 2000-01.	2% increase		
	• Service Level Agreement developed between ESAU and SAMFS. Targets and performance indicators established.	100% met		
	• Gap analysis conducted between the WorkCover Performance Standards for Self-Insurers requirements and the agency' s current compliance. Action plans to be developed to address gaps.	100% met		
	• Quarterly SAMFS statistics provided to OHS&W Committee. Trend analysis included.	100% met		
	• Monthly review of a selection of workers compensation claims and rehabilitation cases	100% met		
	• DAIS Workplace Services notification provided within 24 hours of all immediately notifiable injuries	100% met		

FREEDOM OF INFORMATION STATEMENT

An increasing number and variety of documents relating to fire and general safety are prepared and distributed through the agency, both as hard and soft copy.

Documents relevant to agency operations include:

- The Annual Report
- Standard Operational Procedures
- Service Administrative Procedures
- Occupational Health, Safety and Welfare Procedures
- Finance and Administration Procedures
- Service Directives
- Memoranda
- Operational Procedures
- Incident Reports

(note: functional, personnel financial and general daily operational records, rosters and schedules are not included).

STATUTORY INFORMATION - Number of requests made

The Agency received nil requests in accordance with the Act during the 2001-2002 financial year.

Applications

Applications made under the Act are dealt with by a principal officer of the agency who has formal delegation from the Chief Officer.

Request to SAMFS for access to documents under the Freedom of Information Act 1991 must be made in writing and addressed to:

The Freedom of Information Officer
SA Metropolitan Fire Service
99 Wakefield Street
ADELAIDE SA 5000
(BOX 98 GPO ADELAIDE SA 5001)

FINANCE

Goal

As the beneficiary of deliverables provided by the Financial Services Branch of the Emergency Services Administrative Unit (ESAU), to monitor and measure against the current service level agreement all financial outcomes, so that the Corporation will be able to ensure compliance with Australian Accounting Standards, Treasury Accounting Policy Statements, Audit requirements and Government policy in general.

Performance Indicators

Ensuring that the Financial Services branch of the Emergency Services Administrative Unit delivers to the Corporation a high calibre product resulting in the following outcomes:

- Provision of accurate, informative and timely reporting in compliance with Australian Accounting Standards and the Financial Management Framework, including the Treasurer's Instructions, to the Corporation, external stakeholders and other interested parties.
- Meaningful and accurate budgetary planning which is consistent with the Corporate objectives of the SAMFS and the Justice Portfolio, and which uses the practice of budgeting by outputs, performance indicators and the South Australian Budget Reform process in general.
- Involvement with all levels of management in the attainment of the most efficient delivery of the Corporation's services to the community, by producing useful and informative internal reporting, and by training, advice and consultation.
- Implementation where appropriate of recommendations regarding internal control made by external auditors and participation in the internal audit and risk management processes.
- Continued successful implementation of technological change both with equipment and with systems.

Consultancies

Consultancy	No. of consultants	Purpose of consultancy	Cost
(Less than \$10 000)	3		\$ 11 295
(\$10 000-\$50 000)	KPMG	Preparation of business case templates	\$ 12 000
	Williams Alexander	Recruitment services	\$ 20 250
Total			\$ 43 545

Account Payment Performance

For the year ended 30 June 2002 the SAMFS, through the Emergency Services Administrative Unit paid 10 374 creditors' accounts with an aggregate value of \$22 950 285.

Particulars	Number of accounts paid	Percentage of accounts paid (by number)	Value in \$A of accounts paid	Percentage of accounts paid (by value)
Paid by the due date*	9 434	90.94%	\$ 21 351 898	93.04%
Paid within 30 days or less from due date	501	4.83%	\$ 892 502	3.89%
Paid more than 30 days from due date	439	4.23%	\$ 705 885	3.08%

- The due date is defined as per section 11.2 of Treasurer's Instruction 11 Payment of Accounts. Unless there is a discount or a written agreement between the public authority and the creditor, payment should be within 30 days of the date of the invoice or claim.

FINANCE

Overseas Travel

During the financial year the following overseas visits were undertaken in order to conduct the business of the Corporation:

No. of Employees	Destination	Purpose of Travel	Total Cost to Agency
One	USA	Attending Firefighters' O H & S Symposium in Phoenix.	\$ 1 798
	UK	Presenting Memorial Book to NYFD in New York Attending International Standards Organisation Technical Committee 94 Sub-Committee 14 in London.	
	Germany	Attending International Standards Organisation Technical Committee 94 as leader of Australian delegation in Berlin Sub-Committee 15 in Berlin.	\$ 3 721
	Germany	Attending International Standards Organisation Technical Committee 94 as leader of Australian delegation in Berlin Sub-Committee 14 in Berlin.	\$ 3 874

Because of the specialised nature of the business, the same senior employee undertook all three trips, which were partially subsidised by Standards Australia in the amount of \$6 950.

Useful Life of Buildings

In recent years qualified officers of a valuation company have conducted regular annual valuations of land and buildings owned by the Corporation. These assets have been revalued in compliance with applicable accounting standards on a three-year rotating basis.

Depreciation was calculated in the years up to 2000-01 on the basis of a 20-year useful life, notwithstanding estimates by the valuers of up to 50-60 years life in relation to some country properties. The Corporation recognised the need to analyse the basis of variations between useful lives adopted by management, compared with assessments by the valuers, since these variations had the effect of creating uncertainty in respect of depreciation expenses, written-down values for non-current assets, and changes in the Assets Revaluation Reserve.

In the year 2001-02 officers of the Corporation conducted a detailed assessment of the useful lives of its building assets, incorporating demographic and operational considerations (as well as building age and condition) in order to come to an opinion as to the number of years of remaining effective life. During discussion of these issues with representatives of the Auditor-General it was mutually agreed to process a prior period adjustment between Accumulated Surplus and the Asset Revaluation Reserve in the amount of \$6 727 000. This appears in notes 16 and 17 of the 2001-02 financial statements under 'last year'.

FINANCIAL STATEMENTS 2001 - 02

Statement of Financial Performance the year ended 30 June 2002

	Note	2002 \$' 000	2001 \$' 000
REVENUES FROM ORDINARY ACTIVITIES			
Fees & charges for services	3	2 198	2 342
Interest		1 176	1 529
Other revenue	4	903	998
Total Revenues		4 277	4 869
EXPENSES FROM ORDINARY ACTIVITIES:			
Employee entitlements	5	51 633	51 892
Depreciation	6	4 456	4 438
Emergency Services Administrative Unit recharge		3 438	3 534
Government Radio Network costs	7	1 392	1 404
Supplies and Services	8	6 606	5 663
Interest		623	589
Total Expenses		68 148	67 520
NET COST OF SERVICES		63 871	62 651
REVENUES FROM STATE GOVERNMENT:			
Contributions from the Community Emergency Services Fund		57 751	64 036
Total Revenues from Government		57 751	64 036
NET LOSS FROM DISPOSAL OF NON-CURRENT ASSETS	9	(121)	-
NET REVENUES FROM RESTRUCTURING	13	5 000	833
(DEFICIT) / SURPLUS FROM ORDINARY ACTIVITIES		(1 241)	2 218
NON-OWNER TRANSACTION CHANGES IN EQUITY			
Net credit to an asset revaluation reserve on revaluation of non-current assets	16	1 799	471
Total revenues, expenses and valuation adjustments recognised directly in equity		1 799	471
TOTAL CHANGES IN EQUITY OTHER THAN THOSE RESULTING FROM TRANSACTIONS WITH THE STATE GOVERNMENT AS OWNER		558	2 689

FINANCIAL STATEMENTS 2001 - 02

Statement of Financial Position as at 30 June 2002

	Note	2002 \$' 000	2001 \$' 000
CURRENT ASSETS:			
Cash assets	10	30 550	35 028
Receivables	11	1 341	934
Inventories		-	8
Prepayments		5	5
Total Current Assets		31 896	35 975
NON-CURRENT ASSETS:			
Property, plant and equipment	12	63 416	56 205
Total Non-Current Assets		63 416	56 205
Total Assets		95 312	92 180
CURRENT LIABILITIES:			
Payables	14	5 365	3 618
Provision for employee entitlements	15	5 474	5 333
Total Current Liabilities		10 839	8 951
NON-CURRENT LIABILITIES:			
Payables	14	867	824
Provision for employee entitlements	15	10 495	9 852
Interest bearing liabilities		5 226	5 226
Total Non-Current Liabilities		16 588	15 902
Total Liabilities		27 427	24 853
NET ASSETS		67 885	67 327
EQUITY:			
Asset revaluation reserve	16	40 127	38 328
Accumulated surplus	17	27 758	28 999
TOTAL EQUITY		67 885	67 327
Commitments and Contingent Liabilities	18		

FINANCIAL STATEMENTS 2001 - 02

Statement of Cash Flows for the year ended 30 June 2002

	2002	2001
	Inflows (Outflows)	Inflows (Outflows)
Note	\$' 000	\$' 000
CASH FLOWS FROM OPERATING ACTIVITIES:		
PAYMENTS:		
Employee entitlements	(50 495)	(48 383)
Supplies and Services	(5 162)	(5 052)
Government Radio Network costs	(1 392)	(1 404)
Emergency Services Administrative Unit recharge	(3 438)	(3 534)
Interest	(623)	(589)
	<u>(61 110)</u>	<u>(58 962)</u>
RECEIPTS:		
Fees and charges for services	2 383	2 687
Interest	1 201	1 413
Other revenue	286	952
	<u>3 870</u>	<u>5 052</u>
CASH FLOWS FROM GOVERNMENT:		
Contributions from the Community Emergency Services Fund	57 751	64 036
Net Cash provided by Operating Activities	19 <u>511</u>	<u>10 126</u>
CASH FLOWS FROM INVESTING ACTIVITIES:		
Proceeds from the sale of non-current assets	136	11
Payments for non-current assets	(5 125)	(2 665)
Net Cash used in Investing Activities	<u>(4 989)</u>	<u>(2 654)</u>
CASH FLOWS FROM FINANCING ACTIVITIES:		
Repayment of interest bearing liabilities	-	2 000
Loan funds provided	-	(2 000)
Net Cash provided by Financing Activities	<u>-</u>	<u>-</u>
NET (DECREASE) / INCREASE IN CASH HELD	(4 478)	7 472
CASH AT 1 JULY	35 028	27 556
CASH AT 30 JUNE	10 30 550	35 028

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS

1. Objectives and Funding

The SA Metropolitan Fire Service (the Corporation) is a statutory authority under the *South Australian Metropolitan Fire Service Act 1936* (the Act).

(a) Objectives

The Corporation's objectives are to provide for the fighting and prevention of fires in its fire districts, and to provide for the protection of life, property and the environment threatened by other emergencies.

(b) Funding and Administrative Arrangements

The Corporation is funded from the Community Emergency Services Fund (the Fund), which was established by the Emergency Services Funding Act 1998, for the cost of its operational services in the protection of South Australian citizens and their property, and the cost of strategic and administrative services delivered to it by the Emergency Services Administrative Unit (ESAU).

2. Significant Accounting Policies

(a) Basis of Accounting

The financial report is a general purpose financial report prepared in accordance with Treasurer's Instructions and Accounting Policy Statements under the provisions of the Public Finance and Audit Act 1987, Statements of Accounting Concepts, applicable Australian Accounting Standards, and mandatory professional reporting requirements (Urgent Issues Group Consensus Views). It has been prepared on the accrual basis of accounting using the historical cost accounting method, with the exception of certain major non-current assets which have been revalued to their current deprival value.

(b) Accounting for Non-Current Assets

Property, plant and equipment are carried at cost or deprival value.

The Corporation revalues land, buildings and vehicles to deprival value. On an ongoing basis, revaluations are made in accordance with a regular policy whereby independent valuations are obtained every three years and carrying amounts adjusted accordingly.

Items acquired since the last revaluation are valued at cost. In accordance with a management plan, land and buildings comprising country fire stations were revalued as at 30 June 2002. These valuations were performed by the following qualified officers of Valcorp Australia Pty Ltd:

Andrew J Lucas MBA, B.App.Sc., (Val.), AVLE (Val.), ASA
Fred Taormina B.App.Sc., (Val.), AVLE (Val. & Econ.), RV (Fiji)

Depreciation on property, plant and equipment, excluding freehold land, is calculated on a straight-line basis, based on the expected useful lives of the assets which are reviewed annually.

Major depreciation periods are:

	Years
Vehicles	15
Computer equipment	5
Communications equipment	10
Plant and equipment	10
Buildings	1-30

A detailed assessment was undertaken during 2000-01 of the useful lives of buildings. The basis of this assessment was analysis of the operational capacity of buildings and analysis of the variation between the useful life recommended by SAMFS management compared to the assessment reported by the independent valuer.

(c) Employee Entitlements

(i) Wages and Salaries, Annual Leave and Sick Leave

Liabilities reflect employee entitlements to accrued wages and salaries and annual leave. These liabilities are calculated on current wage rates. Relevant employment on-costs are shown under the item Payables. Sick leave is not provided for as it is non-vesting.

(ii) Long Service Leave

Long service leave is recognised on a pro-rata basis in respect of services provided by employees to balance date. The liability has been calculated at nominal amounts based on current salaries and wages rates using a bench-mark of 8 years as advised by the Department of Treasury and Finance. Relevant employment on costs are shown under the item Payables.

(iii) Superannuation

Contributions are made by the Corporation to several Government and externally managed superannuation schemes. These contributions are treated as an expense when they occur. The Corporation has no liability for payments to beneficiaries as they have been assumed by the respective superannuation schemes.

(iv) Workers Compensation

A liability has been reported to reflect unsettled workers compensation claims. The amounts recorded are based on an actuarial assessment and reflect an apportionment of the whole-of-government estimate of workers compensation liability according to the Corporation's experience of claim numbers and payments. A separate valuation of the liabilities of the Corporation has not been undertaken and if such a valuation was performed it may result in a different assessed liability. The Corporation fully funds this provision.

(d) Goods and Services Tax

Revenues, expenses and assets are recognised net of the amount of goods and services tax (GST), except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO). In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of expense.

Receivables and payables are stated with the amount of GST included.

The net amount of GST recoverable from, or payable to, the ATO is included as a current asset or liability in the Statement of Financial Position.

Cash flows are included in the Statement of Cash Flows on a gross basis.

(e) Revenue Recognition

Interest

Interest revenue is recognised as it accrues, taking into account the effective yield on the financial asset.

Sale of non-current assets

The gross proceeds of non-current asset sales are included as revenue at the date control of assets passes to the buyer. The gain or loss on disposal is calculated as the difference between the carrying amount of the asset at the time of disposal and the net proceeds on disposal.

Fees and Charges for Services

Revenues are recognised when services are provided, at fair value of the consideration received.

Charges for a number of services, including Fire Safety, Brigade Attendance and Private Fire Alarms, are made on a fee-for-service basis. These charges are reviewed and approved by the State Government annually. (Refer Note 3)

Grants

The Commonwealth Government provides reimbursement to the State for the provision of emergency services to protect Commonwealth properties. Under a South Australian Department of Treasury and Finance formula, this grant is apportioned between the Country Fire Service Board and the Corporation. The grant reported as revenue is the portion received by the Corporation. (Refer Note 4)

(f) Cash

For the purposes of the Statement of Cash Flows, cash includes cash on hand and at bank.

FINANCIAL STATEMENTS 2001 - 02

(g) State Government Funding

The financial report is prepared under the assumption of ongoing financial support being provided to the Corporation by the State Government.

3. Fees and Charges for Services

	2002	2001
	\$' 000	\$' 000
Fees and charges for the reporting period comprised:		
Fire alarm monitoring fees	980	944
Fire attendance fees	809	777
Commercial training fees	-	78
Fire safety fees	197	197
Marine commercial operations	4	120
Other recoveries	208	226
	<u>2 198</u>	<u>2 342</u>

4. Other Revenue

	2002	2001
	\$' 000	\$' 000
Other Revenue comprised:		
Grants from Commonwealth Government	617	433
Fuel rebate	55	46
Other	231	519
	<u>903</u>	<u>998</u>

5. Employee Entitlements

	2002	2001
	\$' 000	\$' 000
Employee entitlement expenses for the reporting period comprised:		
Salaries and wages	41 987	40 256
Payroll tax and superannuation	6 698	6 330
Long service leave	1 304	841
Workers compensation	1 417	4 182
Other employee related expenses	227	283
	<u>51 633</u>	<u>51 892</u>

6. Depreciation

	2002	2001
	\$' 000	\$' 000
Depreciation expenses for the reporting period were charged in respect of:		
Buildings	2 197	2 239
Computer equipment	213	235
Plant and equipment	397	405
Communications equipment	295	213
Vehicles	1 354	1 346
	<u>4 456</u>	<u>4 438</u>

FINANCIAL STATEMENTS 2001 - 02

7. Government Radio Network (GRN) costs

The Corporation has been charged by the Department for Administrative and Information Services (DAIS) for costs associated with the provision of emergency communication services, including voice, paging and data transmission using the GRN.

	2002	2001
	\$' 000	\$' 000
Contribution towards GRN - voice	672	930
Contribution towards GRN - paging	19	39
Contribution towards GRN - data	424	-
Other GRN costs	277	435
	<u>1 392</u>	<u>1 404</u>

8. Supplies and Services

	2002	2001
	\$' 000	\$' 000
Supplies and services for the period were charged in respect of:		
Consumables and minor purchases	1 432	1 064
Repairs and maintenance	1 476	1 400
Rates, taxes and rent	290	137
Uniforms	411	655
Communication expenses	519	472
Energy	346	339
Lease expenses	423	407
Travel and training	535	397
Other expenses	1 174	792
	<u>6 606</u>	<u>5 663</u>

9. Net Loss from Disposal of Non-Current Assets

	2002	2001
	\$' 000	\$' 000
Proceeds from disposal of non-current assets	136	11
Less: Written down value of non-current assets	(257)	(11)
Net loss from disposal of non-current assets	<u>(121)</u>	<u>-</u>

10. Cash Assets

	2002	2001
	\$' 000	\$' 000
Cash on hand	4	5
Cash at bank	30 546	35 023
	<u>30 550</u>	<u>35 028</u>

FINANCIAL STATEMENTS 2001 - 02

11. Receivables:

	2002 \$' 000	2001 \$' 000
Current		
Sundry debtors	934	744
Less: allowance for doubtful debts	(3)	(2)
	931	742
GST Refunds	319	76
Accrued interest receivable	91	116
	<u>1 341</u>	<u>934</u>

12. Non-Current Assets

(a) Property, Plant and Equipment

	2002		
	Cost/ Valuation \$' 000	Accumulated Depreciation \$' 000	Written Down Value \$' 000
Land at independent valuation	11 958	-	11 958
Land at cost	7	-	7
Buildings at independent valuation	34 193	(3 983)	30 210
Buildings at cost	2 066	(309)	1 757
Vehicles at independent valuation	13 260	(9 411)	3 849
Vehicles at cost	15 724	(7 303)	8 421
Communications equipment at cost	3 362	(1 918)	1 444
Computer equipment at cost	2 573	(1 978)	595
Plant and equipment at cost	6 041	(3 596)	2 445
Work in progress at cost	2 730	-	2 730
Total Property, Plant and Equipment	<u>91 914</u>	<u>(28 498)</u>	<u>63 416</u>
		2001	
	Cost/ Valuation \$' 000	Accumulated Depreciation \$' 000	Written Down Value \$' 000
Land at independent valuation	8 333	-	8 333
Land at cost	172	-	172
Buildings at independent valuation	32 151	(2 687)	29 464
Buildings at cost	1 220	(167)	1 053
Vehicles at independent valuation	13 349	(8 868)	4 481
Vehicles at cost	13 645	(6 589)	7 056
Communications equipment at cost	3 444	(1 747)	1 697
Computer equipment at cost	2 225	(1 765)	460
Plant and equipment at cost	5 810	(3 250)	2 560
Work in progress at cost	929	-	929
Total Property, Plant and Equipment	<u>81 278</u>	<u>(25 073)</u>	<u>56 205</u>

FINANCIAL STATEMENTS 2001 - 02

(b) Asset Movement Schedule

	2002						Total
	Land and Buildings	Vehicles	Communications Equipment	Computer Equipment	Plant and Equipment	Work in Progress	
Gross Carrying amount	\$' 000	\$' 000	\$' 000	\$' 000	\$' 000	\$' 000	\$' 000
Balance 1 July 2001	41 876	26 994	3 444	2 225	5 810	929	81 278
Transfer WIP	445	2 086	1	311	136	(2 979)	-
Transfer from Distribution Lessor Corporation	5 000	-	-	-	-	-	5 000
Additions	116	1	42	37	149	4 780	5 125
Disposals	(265)	(97)	(125)	-	(54)	-	(541)
Net revaluation increments	1 052	-	-	-	-	-	1 052
Balance 30 June 2002	48 224	28 984	3 362	2 573	6 041	2 730	91 914
Accumulated Depreciation							
Balance 1 July 2001	(2 854)	(15 457)	(1 747)	(1 765)	(3 250)	-	(25 073)
Disposals	12	97	124	-	51	-	284
Net adjustment on Revaluation	747	-	-	-	-	-	747
Depreciation expense	(2 197)	(1 354)	(295)	(213)	(397)	-	(4 456)
Balance 30 June 2002	(4 292)	(16 714)	(1 918)	(1 978)	(3 596)	-	(28 498)
Net Book Value							
As at 30 June 2002	43 932	12 270	1 444	595	2 445	2 730	63 416

FINANCIAL STATEMENTS 2001 - 02

	2001						Total
	Land and Buildings	Vehicles	Communications Equipment	Computer Equipment	Plant and Equipment	Work in Progress	
Gross Carrying Amount	\$' 000	\$' 000	\$' 000	\$' 000	\$' 000	\$' 000	\$' 000
Balance 1 July 2000	40 950	24 405	2 352	2 185	5 323	3 145	78 360
Transfer WIP	29	3 109	24	(67)	239	(3 334)	-
Additions	426	-	1 069	113	289	1 118	3 015
Disposals	-	(520)	(1)	(6)	(41)	-	(568)
Net revaluation increments	471	-	-	-	-	-	471
Balance 30 June 2001	<u>41 876</u>	<u>26 994</u>	<u>3 444</u>	<u>2 225</u>	<u>5 810</u>	<u>929</u>	<u>81 278</u>
Accumulated Depreciation							
Balance 1 July 2000	(1 095)	(14 625)	(1 535)	(1 536)	(2 884)	-	(21 675)
Disposals	-	514	1	6	39	-	560
Net adjustments from reassessment of estimated useful lives	(576)	-	-	-	-	-	(576)
Net adjustment on revaluation	1 056	-	-	-	-	-	1 056
Depreciation expense	(2 239)	(1 346)	(213)	(235)	(405)	-	(4 438)
Balance 30 June 2001	<u>(2 854)</u>	<u>(15 457)</u>	<u>(1 747)</u>	<u>(1 765)</u>	<u>(3 250)</u>	<u>-</u>	<u>(25 073)</u>
Net Book Value							
As at 30 June 2001	<u>39 022</u>	<u>11 537</u>	<u>1 697</u>	<u>460</u>	<u>2 560</u>	<u>929</u>	<u>56 205</u>

13. Net Revenues from Restructuring

On 5 June 2002, assets comprising the former ETSA Skills Centre at Angle Park were transferred from the Distribution Lessor Corporation to the Corporation. The values of the assets as assessed by the Valuer-General in 1999 are included in the accounts of the Corporation as at balance date.

During the period ended 30 June 2001, GRN Communications Equipment was transferred from DAIS to the Corporation.

In respect of restructuring activities, the following assets were recognised:

	2002 \$' 000	2001 \$' 000
Assets from Distribution Lessor Corporation		
Land at Valuation	3 407	-
Buildings at Valuation	1 593	-
	<u>5 000</u>	<u>-</u>
Assets from Government Radio Network		
Communications equipment	-	833
	-	833
	<u>-</u>	<u>833</u>
Net revenues from Restructuring	<u>5 000</u>	<u>833</u>

FINANCIAL STATEMENTS 2001 - 02

14. Payables

	2002 \$' 000	2001 \$' 000
<i>Current Liabilities</i>		
Accrued employee entitlements	1 625	1 297
On-costs re employee entitlement provisions	856	873
Creditors	<u>2 884</u>	<u>1 448</u>
	<u>5 365</u>	<u>3 618</u>
<i>Non-Current Liabilities:</i>		
On-costs re employee entitlement provisions	<u>867</u>	<u>824</u>
	<u>867</u>	<u>824</u>

15. Provision for Employee Entitlements

	2002 \$' 000	2001 \$' 000
<i>Current liabilities:</i>		
Annual leave	3 534	3 479
Long service leave	800	800
Workers compensation	<u>1 140</u>	<u>1 054</u>
	<u>5 474</u>	<u>5 333</u>
<i>Non-Current Liabilities:</i>		
Long service leave	6 949	6 455
Workers compensation	<u>3 546</u>	<u>3 397</u>
	<u>10 495</u>	<u>9 852</u>

16. Asset Revaluation Reserve

	2002 \$' 000	2001 \$' 000
Balance at 1 July	38 328	31 130
Revaluation of Land & Buildings	1 799	471
Adjustment in accounting treatment (Refer Note 17)	-	<u>6 727</u>
Balance at 30 June	<u>40 127</u>	<u>38 328</u>

FINANCIAL STATEMENTS 2001 - 02

17. Accumulated Surplus

	2002	2001
	\$' 000	\$' 000
Balance at 1 July	28 999	33 508
(Deficit) / Surplus from Ordinary Activities	(1 241)	2 218
Adjustment in accounting treatment ¹	-	(6 727)
Balance at 30 June	<u>27 758</u>	<u>28 999</u>

¹In the financial year ended June 2001 the Corporation processed a prior period adjustment totalling \$6 727 000 in respect of an error in the accounting treatment of accumulated depreciation consequent upon the change in effective life of buildings. As this error resulted in conjunction with the revaluation of buildings, the net result is a reduction in accumulated surplus and an increase in accumulated depreciation.

18. Commitments and Contingent Liabilities

	2002	2001
	\$' 000	\$' 000
(a) Commitments for Capital Expenditures		
As at the reporting date the Corporation had entered into contracts for the following capital expenditure which are not included in the financial statements.		
These projects are due for completion within one year		
Fire appliances	1 227	1 909
Fire stations and other equipment	1 524	1 911
	<u>2 751</u>	<u>3 820</u>
(b) Contractual Commitments		
At the end of the reporting period the Corporation had the following commitments on contracts.		
Payable not later than one year	36	245
Payable later than one year and not later than five years	4	130
	<u>40</u>	<u>375</u>
(c) Operating Lease Commitments		
Commitments under non-cancellable operating leases at the reporting date are payable as follows:		
Payable not later than one year	282	232
Payable later than one year and not later than five years	94	124
	<u>376</u>	<u>356</u>

These operating leases are not recognised in the Statement of Financial Position as liabilities. The non-cancellable leases are vehicle leases, with rental payable monthly in arrears. Options exist to renew the leases at the end of the term of the leases.

(d) Contingent Liabilities

As at balance date there are no known contingent liabilities.

FINANCIAL STATEMENTS 2001 - 02

19. Reconciliation of Deficit from Ordinary Activities To Net Cash provided by Operating Activities

	2002 \$' 000	2001 \$' 000
(Deficit) / Surplus from Ordinary Activities	(1 241)	2 218
Depreciation	4 456	4 438
Net Revenues from Restructuring	(5 000)	(833)
Net Loss from disposal of non-current assets	121	-
Increase in employee entitlements	784	3 194
Increase in payables	1 790	883
Decrease in prepayments	-	10
Decrease in inventories	8	33
(Increase) / decrease in receivables	(407)	183
Net cash provided by Operating Activities	511	10 126

20. Remuneration of Auditors

	2002 \$' 000	2001 \$' 000
The amount due and payable for audit services provided by the Auditor-General's Department	<u>18</u>	<u>17</u>
The auditors provided no other services.		

21. Consultancies

	2002 Number of Consultants	2001 Number of Consultants
Total expenditure (excluding GST) on 5 (3) consultancies in 2001-02, amounted to \$57 000 (\$23 000).		
Less than \$10 000	3	2
\$10 000 - \$50 000	2	1

22. Remuneration of Employees

	2002 Number of Employees	2001 Number of Employees
The number of employees whose remuneration received or receivable fell within the following bands were:		
\$100 001 - \$110 000	-	1
\$130 001 - \$140 000	1	1

The aggregate remuneration for all employees referred to above was \$131 000 (\$233 000).

FINANCIAL STATEMENTS 2001 - 02

23. Targeted Voluntary Separation Package (TVSP) Scheme

	2002	2001
	<u>Number</u>	<u>Number</u>
Number of employees paid TVSPs:	-	4
Amounts paid to these employees:	\$' 000	\$' 000
TVSP	-	109
Accrued Annual Leave and Long Service Leave	-	12
	<u>-</u>	<u>121</u>

24. Financial Instruments

(a) Terms and Conditions

Financial Instrument	Note	Accounting Policies and Methods	Nature of Underlying Instrument
<i>Financial Assets</i>			
Cash at bank	10	Cash at bank comprises cash held in a Department of Treasury and Finance Deposit Account. Interest revenue is recorded on an accrual basis.	Interest on cash at bank is calculated quarterly by the Department of Treasury and Finance and is based on the average daily balance of the Deposit Account. The interest rate is the Treasurer's Approved Rate of Interest on Deposit Accounts, which varied between 4.06 percent and 4.80 percent during 2001-2002 (5.06 percent and 6.10 percent in 2000-2001).
Receivables	11	Receivables are recorded at the amounts due to the Corporation, less an allowance for doubtful debts. They are recorded when goods have been supplied and services completed.	Receivables are due within 30 days of the rendering of an account.
<i>Financial Liabilities</i>			
Payables		Creditors are recorded at the agreed amounts at which the liabilities are to be settled. They are recorded when the goods and services have been provided to the Corporation.	Terms of payment are 30 days unless otherwise agreed in the terms and conditions of individual contracts.
Interest bearing liabilities		Borrowings are recorded at the amounts equal to proceeds received, less repayments of principal made. Interest expense is recognised on an accrual basis.	Interest is calculated at 6.25 percent of the 1986 base 'net capital cost' adjusted by movements in the Adelaide Consumer Price Index since 1986. The Corporation may exercise an option to repay the borrowing on 1 July 2005.

FINANCE

Financial Instruments (cont' d)

(b) Interest Rate Risk

Financial Instrument	2002			2002 Total
	Effective Interest Rate at 30.6.02	Interest Bearing	Non-Interest Bearing	
	%	\$' 000	\$' 000	
<i>Financial Assets</i>				
Cash assets	4.12	30 546	4	30 550
Receivables		-	1 341	1 341
		<u>30 546</u>	<u>1 345</u>	<u>31 891</u>
<i>Financial Liabilities</i>				
Payables		-	6 232	6 232
Interest bearing liabilities	10.91	5 226	-	5 226
		<u>5 226</u>	<u>6 232</u>	<u>11 458</u>

Financial Instrument	2001			2001 Total
	Effective Interest Rate at 30.6.01	Interest Bearing	Non-Interest Bearing	
	%	\$' 000	\$' 000	
<i>Financial Assets:</i>				
Cash assets	5.06	35 023	5	35 028
Receivables		-	934	934
		<u>35 023</u>	<u>939</u>	<u>35 962</u>
<i>Financial Liabilities:</i>				
Payables		-	4 442	4 442
Interest bearing liabilities	10.91	5 226	-	5 226
		<u>5 226</u>	<u>4 442</u>	<u>9 668</u>

(c) Net Fair Values of Financial Assets and Liabilities

Financial Instrument	Note	2002	
		Total Carrying Amount	Net Fair Value
		\$' 000	\$' 000
Cash assets	10	30 550	30 550
Receivables	11	1 341	1 341
		<u>31 891</u>	<u>31 891</u>
Payables	14	6 232	6 232
Interest bearing liabilities		5 226	5 226
		<u>11 458</u>	<u>11 458</u>

FINANCIAL STATEMENTS 2001 - 02

Financial Instrument	Note	2001	Net Fair Value
		Total Carrying Amount \$' 000	\$' 000
Cash assets	10	35 028	35 028
Receivables	11	934	934
		<u>35 962</u>	<u>35 962</u>
Payables	14	4 442	4 442
Interest bearing liabilities		5 226	5 226
		<u>9 668</u>	<u>9 668</u>

(d) Credit Risk Exposure

The Corporation's maximum exposure to credit risk at the reporting date in relation to financial assets is the carrying amount of those assets as indicated in the Statement of Financial Position.

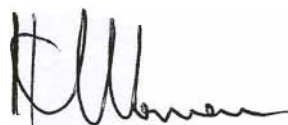
The Corporation has no significant exposures to any concentrations of credit risk.

Declaration

In our opinion, the attached Financial Statements of the Corporation, being the Statement of Financial Performance, Statement of Financial Position and Statement of Cash Flows for the year ended 30 June 2002 and notes thereto, present fairly, in accordance with the Treasurer's Instructions and Accounting Policy Statements promulgated under the provisions of the *Public Finance and Audit Act, 1987* (as amended), Statements of Accounting Concepts, applicable Australian Accounting Standards and applicable Urgent Issues Group Consensus Views. In addition, internal controls over financial reporting have been effective throughout the reporting period.



G N Lupton
CHIEF EXECUTIVE OFFICER
SA METROPOLITAN FIRE SERVICE



A K J Norman
BUSINESS MANAGER
SA METROPOLITAN FIRE SERVICE

INDEPENDENT AUDIT REPORT



TO THE CHIEF OFFICER SOUTH AUSTRALIAN METROPOLITAN FIRE SERVICE

SCOPE

As required by section 31 of the *Public Finance and Audit Act 1987*, and subsection 11(2) of the *South Australian Metropolitan Fire Service Act 1936*, I have audited the financial report of the South Australian Metropolitan Fire Service for the financial year ended 30 June 2002. The financial report comprises:

- A Statement of Financial Performance;
- A Statement of Financial Position;
- A Statement of Cash Flows;
- Notes to and forming part of the Financial Statements;
- A Certificate by the Chief Officer and the Business Manager.

The Chief Executive Officer and the Business Manager are responsible for the financial report. I have conducted an independent audit of this financial report in order to express an opinion on it to the Chief Executive Officer.

The audit has been conducted in accordance with the requirements of the *Public Finance and Audit Act 1987* and Australian Auditing Standards to provide reasonable assurance that the financial report is free of material misstatement.

Audit procedures included examination, on a test basis, of evidence supporting the amounts and other disclosures in the financial report and the evaluation of accounting policies and significant accounting estimates. These procedures have been undertaken to form an opinion whether, in all material respects, the financial report is presented fairly in accordance with Treasurer's Instructions promulgated under the provisions of the *Public Finance and Audit Act 1987*, Accounting Standards and other mandatory professional reporting requirements in Australia so as to present a view which is consistent with my understanding of the South Australian Metropolitan Fire Service's financial position, its financial performance and its cash flows.

The audit opinion expressed in this report has been formed on the above basis.


QUALIFICATION

With respect to 2000-2001 I issued a qualified Independent Audit Report for the South Australian Metropolitan Fire Service. The qualification related to a loan transaction for an amount of \$2 million from the South Australian Metropolitan Fire Service to the Emergency Services Administrative Unit. I was of the opinion that the loan was unlawful as it was not in accordance with the relevant statutory requirements as set out in the *South Australian Metropolitan Fire Service Act 1936*.

QUALIFIED AUDIT OPINION

In my opinion, except for the effects on the financial report of the matter referred to in the qualification paragraph, the financial report presents fairly in accordance with the Treasurer's Instructions promulgated under the provisions of the *Public Finance and Audit Act 1987*, applicable Accounting Standards and other mandatory professional reporting requirements in Australia, the financial position of the South Australian Metropolitan Fire Service as at 30 June 2002, its financial performance and its cash flows for the year then ended.

16 September 2000


K I MacPHERSON
AUDITOR-GENERAL

AUSTRALIAN FIRE INCIDENT REPORTING SYSTEM

The following tables are produced using the Australian Fire Incident Reporting System. The Australian Standard AS2577 'Collection of Data on Fire Incidents' has been adopted by fire authorities in Australia.

FIRE STATISTICS

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Table 1. Primary response to incidents attended by Metropolitan Fire Stations by classification

STATION	Structure and Outdoor Property Fires													Total								
	Public Assembly	Educational	Institution	Residential	Shopping	Industrial	Manufacture	Special	Grass	Tree Rubbish	Mobile Property	Emergency #	Installation		Installs	Faults	Salvage	MFA	Justified Calls	Our of District	Total	Assistance to other Stations
(20) ADELAIDE	15	2	6	68	19	38	4	1	86	148	65	475	755	1081	60	117	99	9	3048	1903	4951	
(22) GLYNDE	8	2	1	48	5	6	-	4	32	73	60	212	110	159	14	30	49	16	829	130	959	
(24) WOODVILLE	4	3	4	46	4	6	9	5	22	83	41	183	123	211	9	20	45	2	820	847	1667	
(25) PORT ADELAIDE	3	4	1	24	2	5	-	4	10	48	48	75	40	108	7	10	31	2	422	328	750	
(27) MARINE																						
(28) LARGS NORTH	5	-	-	20	2	7	-	1	12	76	53	50	50	77	3	12	17	-	385	42	427	
(30) OAKDEN	5	9	3	46	5	5	2	4	28	162	55	200	115	166	11	49	39	3	907	1260	2167	
(31) RIDGEHAVEN	6	6	1	37	2	3	-	3	40	121	51	138	54	77	11	35	35	34	654	46	700	
(32) SALISBURY	7	8	-	57	3	4	5	11	44	340	112	234	111	227	11	68	72	145	1459	706	2165	
(33) ELIZABETH	12	10	3	67	5	7	-	12	29	443	100	182	122	189	11	102	74	190	1558	354	1912	
(35) GAWLER	2	-	1	12	3	2	-	1	9	60	17	56	18	32	1	13	28	27	282	6	288	
(36) ANGLE PARK	2	3	-	29	2	4	6	7	7	98	65	120	103	163	10	19	35	4	677	335	1012	
(37) PROSPECT	4	2	-	45	4	2	1	6	21	65	49	146	114	138	14	39	27	1	678	536	1214	
(40) ST MARYS	6	3	1	65	5	5	6	8	46	96	71	240	183	276	17	36	33	13	1110	849	1959	
(41) CAMDEN PARK	6	-	-	34	2	2	1	1	25	31	28	113	123	165	7	19	25	3	585	179	764	
(42) O' HALLORAN HILL	4	4	1	19	2	4	-	-	19	110	42	151	55	86	6	35	38	61	637	306	943	
(43) CHRISTIE DOWNS	8	2	1	46	3	3	4	11	17	214	80	172	66	133	14	44	69	165	1052	336	1388	
(44) GLEN OSMOND	3	1	1	30	2	3	-	2	27	23	26	129	136	238	16	18	24	36	715	68	783	
(45) BROOKLYN PARK	1	1	1	32	3	9	2	6	10	42	43	160	82	133	10	24	26	-	585	385	970	
TOTAL	101	60	25	725	73	115	40	87	484	2233	1006	3036	2360	3659	232	690	766	711	16403	8616	25019	

• Properties not classified in other categories and mainly outdoors eg signs, fences, properties under construction or demolition.
 • # Category includes dangerous substances, rescues, vehicle accidents etc.

Table 2. Primary response to incidents attended by Country Fire Stations by classification

Structure and Outdoor Property Fires

STATION	Public Assembly	Educa-tion	Institu-tion	Resi-dential	Shop-ping	Indus-trial	Manu-facture	Store	Special	△ Rubbish	Grass Tree Fire	Mobile Prop Fire	# Emer-gency	Instal-lation Calls	Faults	Salvage	MFA	Justified Calls	Out of District	Total
(50) PORT PIRIE	3	1	-	10	-	1	3	-	3	3	41	6	59	21	89	1	21	16	16	291
(51) PORT AUGUSTA	2	2	-	24	4	2	-	1	3	3	90	12	42	24	65	3	14	11	22	321
(52) WHYALLA		4	2	27	3	1	7	-	3	3	88	23	96	41	87	13	45	35	8	483
(54) PORT LINCOLN	1	1	1	15	1			1	4	4	71	8	39	21	59	2	8	17	28	277
(55) PETERBOROUGH				6					1	1	8	1	5	2	21			4	3	51
(56) BURRA				3							8	2	7	4	12		1	1	-	38
(60) BERRI			1	9	3	1	1	1	2	10	3	3	26	15	26	1	4	57	57	216
(61) RENMARK		1		15	3	1	3	3	1	19	6	6	32	21	24		5	18	16	165
(62) LOXTON				2	3	3	1	1	1	12	1	1	42	4	23	2	2	12	17	122
(63) TANUNDA				3	1				1	4	4		14	8	40	2	2	1	11	87
(64) KAPUNDA						1	2			5	5	1	1	4	17		4	4	6	45
(66) KADINA				3						3	3	2	8		33		2	2	27	80
(67) WALLAROO									4	2	6		6	2	36	1	1		9	61
(68) MOONTA				1						6	6		4	2	8				5	26
(70) MOUNT GAMBIER	3	1	1	23			5	10	7	47	8	8	110	70	157	9	19	21	9	500
(71) VICTOR HARBOR	4			13	3				2	9	3	3	48	14	31	2	7	8	8	152
(72) MURRAY BRIDGE	1	1	1	13				1	3	23	12	12	42	35	69	2	9	16	35	263
TOTAL	14	11	6	167	21	7	15	20	35	446	88	88	581	288	797	38	144	223	277	3 178

• △ Properties not classified in other categories and mainly outdoors eg signs, fences, properties under construction or demolition.

• # Category includes dangerous substances, rescues, vehicle accidents etc.

Table 3. Response by classification

Calls are comparatively classified below:

	2001-2002	2000-2001	1999-2000	1998-1999	1997-1998
'A' Risk Fires 1st Alarm	52	43	37	53	46
'B' Risk Fires 1st Alarm	169	120	57	90	147
'C' Risk Fires 1st Alarm	1 571	1 937	1 122	1 137	1 490
'A' Risk Fires Greater Alarm	4	3	3	5	7
'B' Risk Fires Greater Alarm	13	15	-	5	16
'C' Risk Fires Greater Alarm	20	15	6	13	18
Vehicle Fires	1 210	1 124	533	508	738
Brush Fences	213				
Grass Fires	2 925	2 975	1 606	1 609	2 338
Dangerous Substances	1 481	1 214	673	713	840
Rescue	1 545	1 365	908	1 013	1 101
Salvage Calls	243	308	152	136	169
Emergency Incidents	633	777	463	313	422
Animal Rescues	197	174	85	118	187
Justified	1 134	1 146	662	902	-
False Alarms					
Malicious	892	941	511	327	367
Workman/Tester	997	1 031	609	648	761
Line Faults	731	885	736	562	773
No apparent cause	3810	3 687	2 135	2 458	3 427
Equipment Fault	-	-	-	-	-
Steam, Dust etc	1685	1 625	1 126	1 218	1 871
Undetermined/ No Arrival	56	43	29	4	39
CFS Dispatch	1 668	1 560	734	811	996
Total	21 249	++++20 988	+++12 187	++12 643	+17 018

++++ Due to Industrial Dispute no metropolitan reports were recorded for the periods from 01/07/2000 to 02/07/2000 & 21/02/01 to 22/02/01.

+++ Due to Industrial Dispute no metropolitan reports were recorded for the periods from 25/01/2000 to 30/06/2000.

++ Due to Industrial Dispute no metropolitan reports were recorded for the periods from 15/12/98 to 28/04/99 & 12/05/99 to 28/05/99.

+ Due to Industrial Dispute no metropolitan reports were recorded for periods from 15/09/97 to 26/09/97 & 24/02/98 to 20/03/98.

Table 4. Method of Notification to the Fire Service of Incident

Exchange Telephone Direct to Fire Service	897
Direct Fire Service Alarm	6 063
Radio	168
Direct Report to Fire Station (Verbal)	951
Direct Telephone Tie-line to Fire Service (including '000' Emergency Service)	11 681
Telephone/Paging Alarm System	1 489
Total	21 249

Note: This figure includes 3 062 incidents to which SAMFS Communications Centre responded the CFS.

(This figure was recorded by the Communications Centre independently of the Australian Fire Incident Reporting System).

Table 5. Summary of Incidents Attended by Day of Week and Time of Day

Hour to	Sun	Mon	Tue	Wed	Thur	Fri	Sat	Total	%
1 am	156	85	99	78	84	103	126	731	3.44
2 am	131	68	92	87	99	110	122	709	3.34
3 am	118	77	64	72	71	85	149	636	2.99
4 am	96	50	65	59	55	83	110	518	2.44
5 am	93	45	71	55	59	47	101	471	2.22
6 am	78	59	52	55	60	61	90	455	2.14
7 am	76	76	73	65	61	68	68	487	2.29
8 am	88	98	110	100	123	96	118	733	3.45
9 am	103	127	146	151	155	135	140	957	4.50
10 am	122	131	141	133	166	149	130	972	4.57
11 am	145	143	118	171	126	142	142	987	4.64
12 noon	120	136	136	156	168	145	142	1 003	4.72
1 pm	134	153	148	156	132	137	171	1 031	4.85
2 pm	156	170	131	129	129	169	149	1 033	4.86
3 pm	118	155	148	170	154	163	148	1 056	4.97
4 pm	127	184	157	188	160	176	143	1 135	5.34
5 pm	156	171	175	169	140	164	161	1 136	5.35
6 pm	165	172	174	161	181	194	172	1 219	5.74
7 pm	152	189	154	157	148	173	173	1 146	5.39
8 pm	164	138	139	127	155	185	153	1 061	4.99
9 pm	134	152	144	137	159	162	149	1 037	4.88
10 pm	143	117	139	144	139	162	153	997	4.69
11 pm	120	104	111	118	131	177	167	928	4.37
12 midnight	79	103	81	98	125	159	166	811	3.82
Total	2 974	2 903	2 868	2 936	2 980	3 245	3 343	21 249	
Percentage	14.00	13.66	13.50	13.82	14.02	15.27	15.73		100.00

Table 6. Fatalities and Casualties

Deaths:	
-- of members of the Public in fires attended by the Fire Service	13
-- to members of the Fire Service	0
Injuries:	
-- to members of the Public in fires attended by the Fire Service	103
-- to members of the Fire Service (refers only to those firefighters who were injured and could not continue their duties at the incident scene).	8
Total	124

Type of property in which fatalities occurred	Number of Fatalities
-- Private Dwelling	11
-- Boarding House	1
-- Other	1
Total	13

Table 7. Summary of Emergencies Other Than Fires

Type of Emergency	Number
<i>Rescue</i>	
Provision of direct medical assistance	1
Support of emergency medical services	308
Lock-in	9
Extrication (includes road crash rescue, persons trapped, trench rescue, etc)	1 194
Water rescues	1
Electrocution	2
Assisting other emergency services in EMS Rescue	1
Conducting EMS Rescue	16
<i>Hazardous Condition</i>	
Flammable Spill/leak	1 146
Explosive	1
Heat related / electrical	247
Hazardous Materials	42
Hazardous Conditions	300
Miscellaneous Hazardous situations	83
Aircraft	7
<i>Service or Salvage</i>	
Water and Smoke	297
Assisting to other agencies	207
Severe Weather	12
Animal Rescue	197
Service calls	67
Location Related	3
Investigations	589
Good Intent	346
Bomb Scare	3
False Calls; False Alarms (No Cause Found)	3 808
Total	8 884

Table 8. Estimated Value of Fire Damage in Structures and Mobile Property

Type of Property	\$ Damage										Total Actual Damage \$
	0-99	100-999	1000-9999	10000-24999	25000-49999	50000-249999	250000-999999	1000000-4999999	5000000 or more		
PUBLIC ASSEMBLY	6	28	11	6	0	6	3	0	0	0	2 178 375
EDUCATIONAL	1	16	5	2	1	2	0	1	0	0	1 335 695
INSTITUTIONAL	0	1	2	2	0	1	0	0	0	0	226 200
RESIDENTIAL	14	62	117	43	34	49	2	0	0	0	6 667 175
SHOP, STORE, OFFICE	1	18	15	10	4	4	1	1	0	0	3 065 960
BASIC INDUSTRY	13	37	5	0	1	1	0	0	0	0	167 235
MANUFACTURING	0	5	6	5	1	3	1	1	0	0	2 276 900
STORAGE PROP.	0	10	45	22	7	1	0	2	0	0	3 461 500
SPECIAL PROP.	23	164	289	68	8	9	1	0	0	0	3 739 215
MOBILE PROP.	2	92	315	78	16	5	0	0	0	0	3 119 710
Total Actual Damage										\$26 237 965	

Note: Statistics for the twelve months show that in 193 cases, fires had reached such a proportion that without the intervention of the Fire Service the damage would have been considerably higher. A comparison of the pre-fire valuation of the properties and the actual fire loss figures is as follows:

	Structures	Mobile Property	Marine Property
Number Involved	416	167	0
Pre-Fire Valuation	\$233 604 815	\$2 729 150	\$0
LESS--Property Damage	\$ 11 404 230	\$ 930 735	\$0
Value Potential Saved	\$ 222 200 585	\$1 798 415	\$0

Table 9. Possible Causes of Ignition Factor For All Categories of Fire - Property, Grass

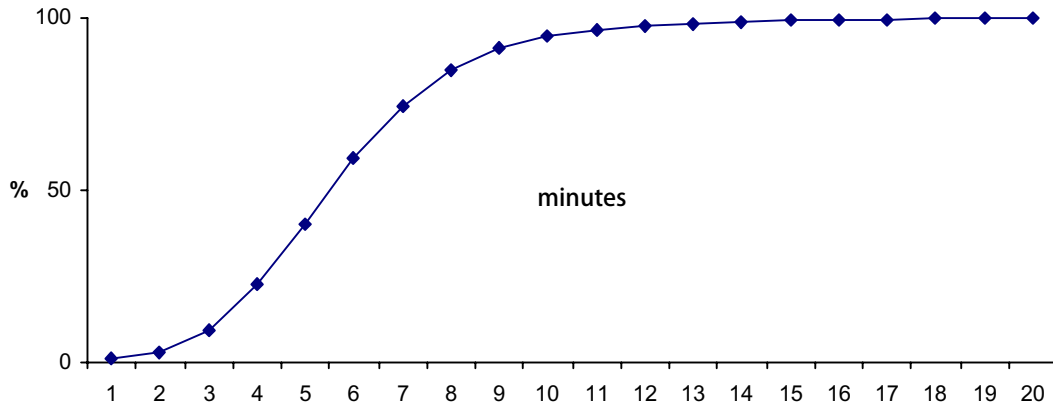
Incendiary	
Incendiary	1 824
Incendiary, During a Civil Disturbance	20
Suspicious	
Suspicious	646
Suspicious, During a Civil Disturbance	1
Misuse of Heat of Ignition	
Abandoned, Discarded Material	287
Falling Asleep	5
Inadequate Control of Open Fire	75
Cutting, Welding	18
Children Playing	37
Unconscious, Mental or Physical Impairment	14
Misuse of Heat of Ignition, Not Classified	5
Misuse of Material Ignited	
Fuel Spilled	49
Improper Fuelling Technique	3
Flammable Liquid Used to Kindle Fire	4
Washing, Cleaning, Painting with flammable liquids	2
Improper Container	11
Combustible too Close to Heat	108
Child With, Child Playing	65
Misuse of Material Ignited, Not Classified above	1
Mechanical Failure, Malfunction	
Part Failure, Leak, Break	90
Automatic Control Failure	2
Manual Control Failure	3
Short-Circuit, Ground Fault	53
Other Electrical Failure	157
Lack of Maintenance, Worn Out	59
Backfire	14
Mechanical Failure Not Classified Above	1
Design, Construction, Installation Deficiency	
Design deficiency	1
Construction Deficiency	3
Installed too Close to Combustibles	8
Other Installation Deficiency	8
Property too Close to Other Heat Sources	17
Operational Deficiency	
Collision, Overturn, Knockdown	15
Accidentally Turned On, Not Turned Off	71
Unattended	131
Overloaded	96
Spontaneous Heating	52
Improper Start-up, Shut-down Procedure	7
Failure to Clean	29
Operational Deficiency, Not Classified Above	2
Natural Conditions	
High Wind	1
Other Ignition Factors	
Rekindled	38
Separate, Removed Exposure	8
Attached, Protected Exposure	39
Ignition Factor, Unclassified Above	28
Unclassified	1 192
Total	6 070

Table 10. SAMFS Alarm to Arrival Times Summary

For incidents where an appliance arrived in the period 1/7/2001 to 30/6/2002 inclusive - excluding out of district calls. Time is taken from the time of 'Alarm Receipt' to the time of first appliance arrival.

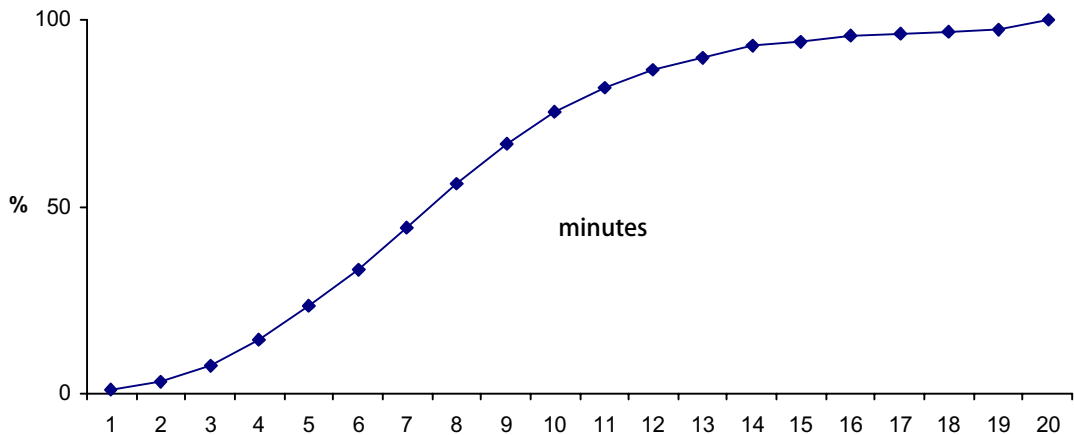
FREQUENCY OF SAMFS TO 1ST ARRIVAL TIMES SUMMARY -- METROPOLITAN (Stations 20 to 49)

Average arrival time to incidents 6.35mins. (15 653 calls)



FREQUENCY OF SAMFS TO 1ST ARRIVAL TIMES SUMMARY -- COUNTRY (Stations 50 to 72)

Average arrival time to incidents 10.19 mins. (2 630 calls)



FREQUENCY OF SAMFS ALARM TO 1ST ARRIVAL TIMES -- TOTAL SERVICES (Stations 20 to 72)

Average arrival time to incident 6.90 mins. (18 282 call)

