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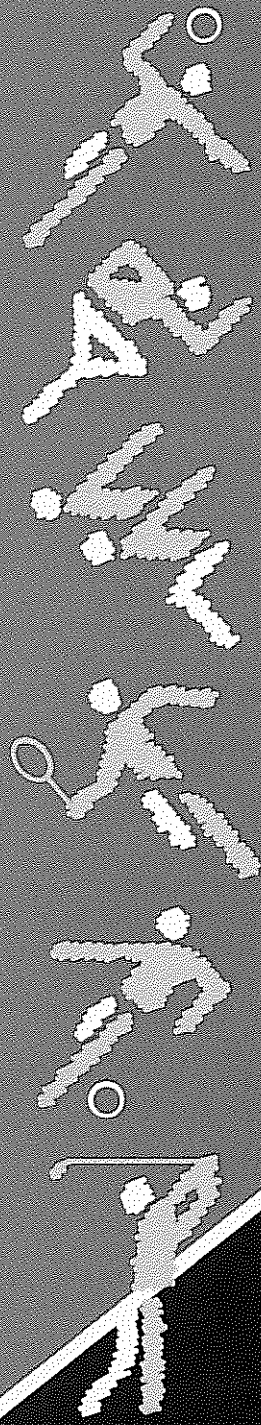
ANNUAL REPORT — 1989/90



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Australian Sports Commission

Australian Sports Commission

Annual Report
1989–90

Australian Government Publishing Service
Canberra

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Chairman's Report

The year 1989–90 was a landmark for the Australian Sports Commission and for sport generally, with the announcement of unprecedented increases in Federal Government funding for sport over the next four years.

In August 1989, the Minister for the Arts, Sport, the Environment, Tourism and Territories, Senator the Hon Graham Richardson, officially launched the Government's "The Next Step" initiative which represents a $230 million package over four years and addresses all areas of sport — the elite, coaches, drugs, participation for youth, women and children, sports science and medicine, talent identification and sport for the disabled. The total package represents a funding increase for sport of $100 million for the period from 1989 to 1993.

As a consequence of this announcement and this being the first year of the new four year plan, most of the Commission's programs were started and some existing programs expanded.

The Board is now placing an even higher degree of importance on accountability and performance as part of the increased activity generated by the new funding.

The Australian Institute of Sport, which has now been successfully amalgamated with the Commission continued to provide world class coaching, sports science and medicine services, training facilities and education and welfare programs for elite Australian athletes in the 17 residential sports programs. The increase in Government funding has enabled the Institute to expand the existing Sports Talent Encouragement Plan and to establish the Elite Athlete Assistance Scheme and Athlete Advisory Service.

A full range of high level support services complemented the coaching and training programs offered to elite athletes through the programs of the Institute. Sports Science and Sports Medicine provided specialised and sophisticated services to athletes participating in Commission programs. Research projects funded through the National Sports Research Program and the Applied Sports Research Program continued to ensure that problems faced by Australian sportsmen and women are being addressed and overcome.

A major initiative of the Commission during 1989–90 was the identification of seven sports considered to offer sound hopes for success at the games of the XXVth Olympiad in Barcelona in 1992, and other major world championships. These targeted sports — basketball, canoeing, cycling, hockey, rowing, swimming and track and field — received an additional $10 million in funding in 1989–90. As part of this increased assistance, intensive training centres were established in conjunction with State Government departments and sports institutes and State and national sporting organisations.

The Commission also provided $1 million to the Australian Olympic Committee in 1989–90 as the first instalment of a total allocation of $7 million for the preparation of potential Olympians. This funding was allocated specifically for international competition and training prior to the games, thus providing a guaranteed level of funding identified in advance to facilitate better planning and administration.

"The Next Step" for Australian sport acknowledged that in order to produce high performance athletes it was necessary to ensure that there are enough well-trained coaches available. As a result, a career structure has been developed for AIS coaches which will be extended to cover all coaches supported financially by the Commission. The Australian Coaching Council (ACC) increased its service to sport during 1989–90, with the appointment of a technical co-ordinator and elite coach co-ordinator, the completion of new National Coaching Accreditation scheme (NCAS) level 1 and 2 manuals and an increased number of workshops. The NCAS was extended and now includes more than 7,000 coaches. During 1989–90 the ACC also introduced the High Performance Coach Award program.

Participation rates of children, women and youth in sport have also been addressed to ensure that the health, social and economic benefits of a physically active community are achieved. The successful AUSSIE SPORTS program, aimed at primary school children, will be expanded over the next four years. Funding for the Women's Sport Promotion Unit was almost doubled in 1989–90 so that the problems of the high drop-out rate of adolescent girls and the under-representation of women in key administrative and coaching positions could be addressed. Sport for people with disabilities received a significant boost, with funding reaching the $1 million mark for the first time. Additional AIS scholarships for athletes with disabilities were also awarded during the year.

The Senate Standing Committee Report on Drugs in Sport highlighted in a public forum many of the problems facing sport that the Australian Sports Commission and the Australian Institute of Sport had been addressing over recent years. The Committee, headed by Senator John Black, published its Interim Report on Drugs in Sport in May 1989 and tabled its second report in May 1990. The reports listed a series of recommendations concerning the use of performance enhancing drugs by athletes and the associated health and social issues. One of the significant outcomes has been the Government's decision to establish the Australian Sports Drug Agency (ASDA) as an independent organisation. The Commission, following consultation with the Australian Olympic Committee and the Australian Commonwealth Games Association has agreed to adopt complementary policies with those organisations which recognise ASDA as the drug testing authority in Australia. Further, the Commission has made it mandatory that sporting organisation which receive funding from the Commission must adhere to the Commission's Doping Policy.

A major feature of 1989–90 was the bid by the Melbourne Olympic Committee to win the right to host the 1996 Olympic Games in Melbourne. The Committee's bid competed with the bids of five other cities — Athens, Atlanta, Belgrade, Manchester and Toronto.

In 1989–90 Australia hosted a diverse number of sporting events including the 7th Women's Hockey FIH World Cup, Sydney; the World Cup in Skiing, Thredbo; the World BMX Championships, Brisbane; the World Under-21 Snooker Championship, Brisbane; the World Lacrosse Cup (Men's), Perth; the World Lacrosse Cup (Women's), Perth; the APUKO (Karate) Championships, Sydney and the Moomba International Weightlifting titles, Melbourne.

During the year, Mr Perry Crosswhite acted as Executive Director and Dr Ross Smith as Director of the AIS program pending permanent appointments to these positions. On behalf of the Commission, I take this opportunity to thank them for their dedication and contribution during this period.

In July 1990 Mr Jim Ferguson was appointed Executive Director of the Commission and Mr Robert de Castella was appointed Director of the Institute.

In April 1990 the Hon Ros Kelly MP took over portfolio responsibilities for sport from Senator the Hon Graham Richardson. I take this opportunity of thanking Senator Richardson for his efforts on behalf of sport and to welcome Mrs Kelly as our new Minister.

Lastly, I wish to convey to my fellow Commissioners and the staff of the Commission, my appreciation for their support during a time of great change for sport in this country. I am sure that the Commission is now well equipped to meet the many challenges of the future and that its staff will continue to apply dedication and enthusiasm to the tasks that lie ahead.

A E HARRIS AC
Chairman
Australian Sports Commission

Australian Sports Commission

INCORPORATING THE AUSTRALIAN INSTITUTE OF SPORT

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The Hon Ros Kelly
Minister for the Arts, Sport, the Environment
Tourism and Territories
Parliament House
CANBERRA ACT 2600

My dear Minister

I am pleased to present to you the Australian Sports Commission's Annual Report for the year ended 30 June 1990. This report has been prepared pursuant to the requirements of section 63M(1) of the Audit Act 1901 as required by section 48 of the Australian Sports Commission Act 1989.

Yours sincerely

AE HARRIS AC
Chairman
Australian Sports Commission

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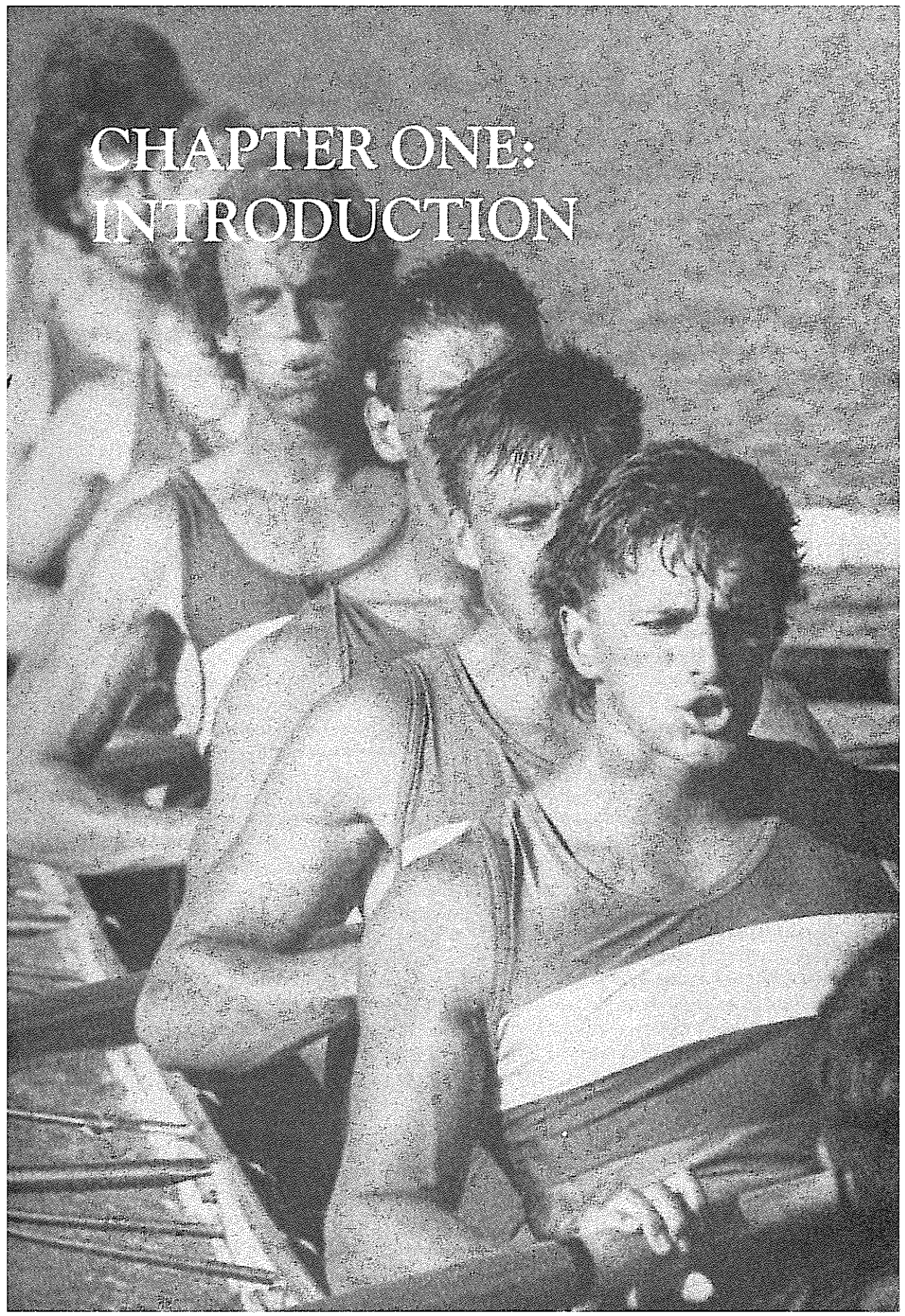
CHAPTER ONE: INTRODUCTION



CHAPTER ONE: INTRODUCTION

Overview

The Australian Sports Commission in its present form was established by Act of Parliament on 1 May 1989. Through this Act the previous Australian Sports Commission, the Australian Institute of Sport and elements of the Department of the Arts, Sport, the Environment, Tourism and Territories were amalgamated to form a new Commission.

The Commission aims to provide a co-ordinated leadership to sport in Australia at all levels by providing support to athletes, coaches and administrators. During 1989–90 it operated through three divisions and within these, addressed issues related to elite sports, sports administration, research and information. The Commission promotes community participation, fosters the development of elite athletes through AIS residential and sports development programs and intensive training centres, supports elite athletes through sports science and sports medicine, funds and assists national sporting organisations, conducts research and develops coaching. It is also concerned with consequent issues such as athlete employment and education, drugs in sport, the administration of facilities, assistance from the private sector and the co-ordination of government and private efforts in sport development.

In the administration of its programs, and through the distribution of funds, the Commission works co-operatively with many other participants in the Australian sporting community. These include the Australian Olympic Committee, the Australian Commonwealth Games Association and the Confederation of Australian Sport; the national sporting organisations; State and Territory governments, Commonwealth departments, institutes and sporting organisations; local government authorities and many other specialist and community organisations. The Commission co-operates with these bodies to ensure the most efficient and effective use of available funds and resources.

The Commission works closely with the Sport and Recreation Branch of the Department of the Arts, Sport, the Environment, Tourism and Territories. While the Commission, a statutory authority, delivers services to sport in Australia, the Department services the Minister and advises the Minister on policy issues relating to sport.

This report covers the performance of the Commission and its programs for the financial year 1989–1990.

Goals and Objectives

The goals of the Australian Sports Commission are:

- to significantly improve Australia's sporting performance;
- to promote widespread community participation in sport.

The objects of the Commission, as stated in the *Australian Sports Commission Act 1989*, are:

- to provide leadership in the development of sport in Australia;
- to encourage increased participation and improved performance by Australians in sport;
- to provide resources, services and facilities to enable Australians to pursue and achieve excellence in sport while also furthering their educational and vocational skills and other aspects of their personal development;
- to improve the sporting abilities of Australians generally through the improvement of the standard of sports coaches;
- to foster co-operation in sport between Australia and other countries through the provision of access to resources, services and facilities related to sport; and to encourage

the private sector to contribute to the funding of sport to supplement assistance by the Commonwealth.

Commissioners

There were twelve members of the Board of the Australian Sports Commission at 30 June 1990.

- Ted Harris AC (Chairman), Chairman of Australian Airlines, and the Director of numerous companies and foundations;
- John Coates AM (Deputy Chairman), lawyer and Senior Vice-President of the Australian Olympic Committee;
- Herb Elliott MBE, dual Olympic gold medallist, world record holder, company director and businessman;
- Lindsay Fox, businessman and sport and charity activist;
- Roy Masters, teacher, journalist and coach;
- Margaret Pewtress OAM, teacher, sportswoman, umpire and sports administrator;
- Phil Coles AM, Secretary-General of the Australian Olympic Committee, Olympian, team manager and administrator;
- Michael Wenden MBE, Olympic gold medallist;
- David Prince, champion hurdler, sports administrator and businessman;
- Debbie Bowman-Sullivan OAM, captain of the 1988 gold medal Olympic hockey team;
- Barbara Worley, champion sportswoman and prominent worker and administrator in sports for disabled persons;
- David Hatt, sportsman, journalist and administrator.

Organisational Development

Following on from the challenge offered by the significant injection of funds for sport under "The Next Step", and the recommendations of the Committees of Inquiry into sport, the Commission commenced an evaluation program during the year. This program aims to be comprehensive through its inclusion of the following components:

- the development and implementation of an evaluation policy and action strategy
- a review of the structure of the organisation
- a review of objectives at all levels of the organisation, and for all programs
- a review of current performance indicators
- a review and upgrade of the management information system
- an upgrading of the content and format of Commission documents that report on Commission activities
- the development and introduction of a staff training program to assist program managers implement the evaluation program
- the implementation of a policy analysis process
- the implementation of a program of internal and external evaluations of all programs by the end of the current strategic plan (and the period for which the "Next Step" funds were allocated); and
- the implementation of performance-based agreements with national sporting organisations and the States and Territories, and a program of efficiency audits of national sporting organisations.

At year's end, a draft evaluation policy encompassing these aspects had been prepared and circulated widely in the Commission prior to endorsement by the Executive and the Board.

The report on activities in the next chapters is based around the current objectives and performance indicators for each of the Commission's program areas and the individual programs those areas comprise.

As the evaluation policy and action strategy are implemented, it is expected that better data on program performances will become available and improved reporting on Commission activities will result.

Achievements in Sport

The sporting highlight of 1989–90 was the performance of the Australian team at the 1990 Commonwealth Games in Auckland. In an expanded Games program the team led the

medal tally ahead of 51 other nations with 52 gold, 54 silver and 56 bronze medals for a total of 162 medals. Australia's gold medal tally equalled England's record tally in Edinburgh and its overall tally broke England's record also set in Edinburgh.

In the five Games sports with AIS residential programs — athletics, swimming, cycling, gymnastics and diving — the Australian team won 40 gold, 40 silver and 33 bronze medals. Of this total, the winners of 25 gold, 28 silver and 28 bronze medals were either current or former AIS athletes.

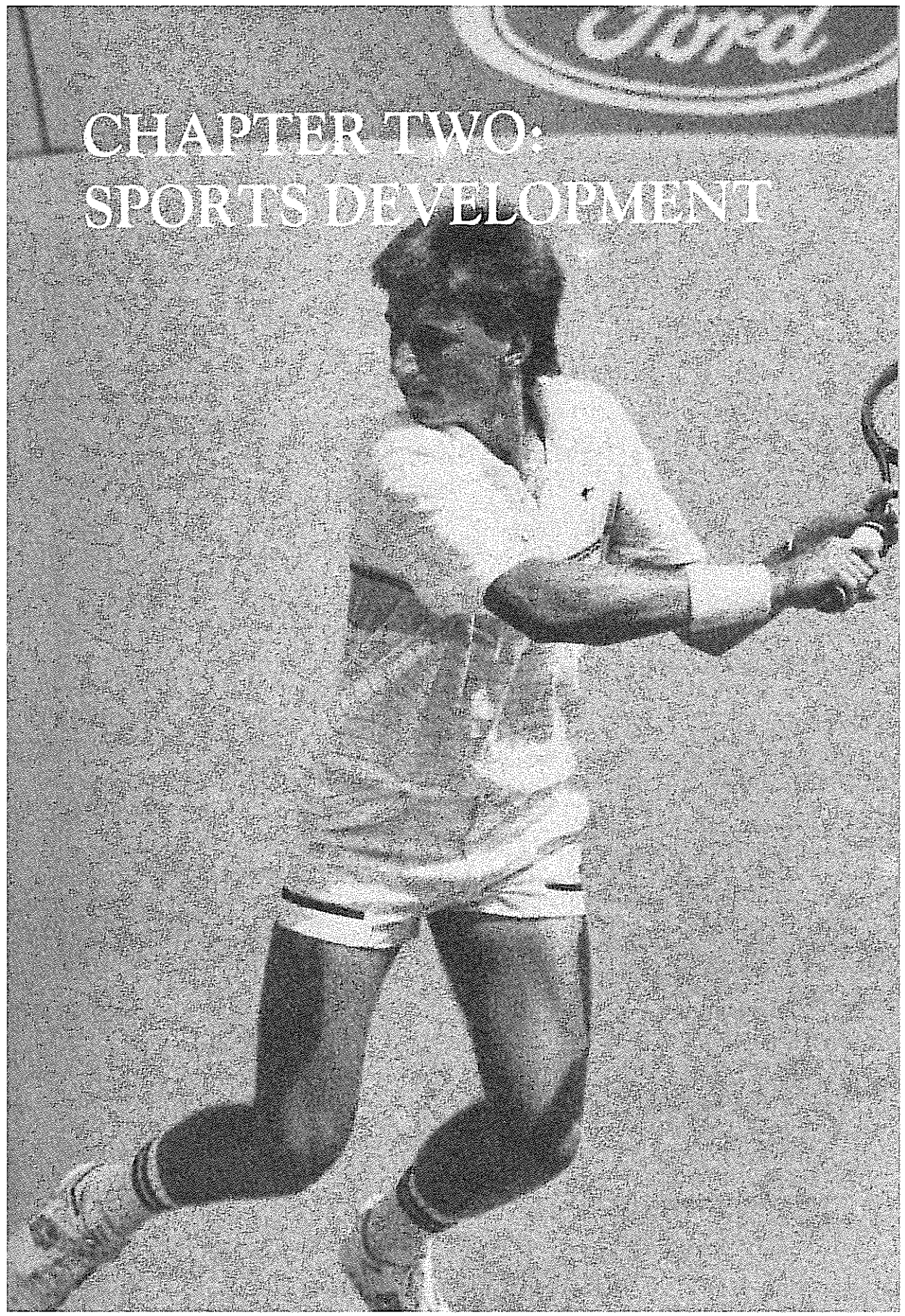
Some of the outstanding performances by Australians at the Games included:

- Hayley Lewis, swimming — 5 gold (equalling the highest number of gold medals ever won by an Australian at the Games);
- Andrew Baildon and Lisa Curry, swimming — 4 gold;
- Phillip Adams, shooting — 3 gold;
- Jane Flemming, athletics and Ben Sandstrom, shooting — 2 gold;
- Simon Baker and Lisa Martin, (athletics), Martin Vinnicombe, Gary Neiwand (cycling) retained their Commonwealth titles won in Edinburgh.

In addition to the performances at the Commonwealth Games, Australian teams and individuals registered the following outstanding achievements during the year:

- the Australian men's cricket team regained the Ashes for the first time on English soil in more than 50 years with a comprehensive 4–0 victory;
- the Australian men's squash team of Chris Dittmar, Rodney Martin, Chris Robertson and Brett Martin won the world championships held in Singapore, defeating Pakistan 3–0 in the final;
- Jeff Harding retained the WBC Light Heavyweight title with a series of successful title defences;
- canoeist Martin Hunter became the first Australian to win a world sprint title with a victory in the K1 500 event;
- Kerry Saxby continued to build on her imposing number of world records in both track and road walking races. Ms Saxby and marathoner Robert de Castella were named by *Track and Field News*, the most authoritative journal in the sport, as the athletes of the decade in their respective events;
- Australian yachtsmen won nine world championships during the year, including the Laser, Laser Masters, 14 and 18-foot Skiff and Fireball;
- Wayne Grady and Peter Fowler won golf's World Cup, while Australian golfers continued to win numerous tournaments in Europe, Japan and the United States;
- the Australian Speed Roller Skating team won the overall teams event at the World Championships in New Zealand, with Perth's Stephen Whyte taking out the 500 metres and 10,000 metres events;
- the women's junior rowing four of Anna McFarlane, Courtney Johnstone, Ballanda Sack and Samantha Stewart, all AIS scholarship holders, won the World Junior Fours in Hungary, becoming the first Australian junior team to win a world championship rowing event;
- at the Far East and South Pacific Games Federation for the Disabled (FESPIC) Games in Japan the Australian team returned with a total of 82 gold, 44 silver and 30 bronze medals, finishing second out of 37 nations;
- Australia won the most medals and finished second overall out of 34 countries in the World Transplant Games in Singapore; 29 of the team's 44 members won medals at the Games;
- the blind powerlifting team won two world championships and finished runner-up in another at the championships in California; and
- Australian teams and individuals also won world titles in parachuting, trampolining, triathlon, amateur surfing and underwater hockey.

CHAPTER TWO: SPORTS DEVELOPMENT



CHAPTER TWO: SPORTS DEVELOPMENT

Objectives

The Commission's objectives for sports development are:

- to provide national sporting organisations with the resources and ability to administer effectively and to co-ordinate the development of their sport at all levels, but particularly among children, throughout the country;
- to contribute towards improved performance levels of Australian athletes in international competition, and to increase the opportunities for competition at home and overseas;
- to encourage people with disabilities to participate in sporting pursuits and to promote, where appropriate, the integration of disabled sporting activities with those of the able-bodied.

Overview

In providing leadership to Australian sport for able-bodied sportsmen and women and those with disabilities, the Commission works primarily through national sporting organisations (NSOs) to which it contributed funding through the Sports Development Program (SDP) in 1989–90. Generally only one organisation per sport in considered eligible, although exceptions may be made, for example where separate organisations exist for men and women. Assistance is also available to national umbrella groups such as the Confederation of Australian Sport and to special interest groups such as the Australian Sports Medicine Federation and the Australian Society of Sports Administrators. Those organisations which meet the selection criteria are eligible to apply for assistance in the areas of administration, coaching, competition, meeting attendance and increased participation.

Each year, national sporting organisations submit applications for funding to the Commission. The requests are reviewed and grants are announced as soon as possible after the Federal Budget is handed down. In keeping with the objectives of the Sports Development Program, the Commission includes the following criteria in assessing grant applications: number of participants, potential for development, international success, public profile, public acceptability and standard of administration, including effectiveness of programs undertaken and efficiency in reporting on and acquitting previous grants. The Commission also takes into account a range of other factors which include the use of the previous grant by an organisation, its degree of self-help, the quality of programs submitted and the degree of initiative it displays. All applications are assessed in the context of the aims and objectives expressed in the sport's development plan. Grants under the Sports Development Program for 1989–90 are set out in detail in Appendix 2.

Sports Development Program

The specific objectives of the Sports Development Program are:

- to provide national sporting organisations with the resources and ability to effectively administer and co-ordinate the development of their sport at all levels throughout the country;
- to provide national sporting organisations with the support necessary to ensure the development of coaching to the highest possible standard;
- to contribute towards improving the performance standards of Australian athletes in international competition, and to increase the opportunities for such competition at home and overseas;

- to provide the opportunity for Australian administrators, coaches and officials to establish a higher profile at the international level;
- to assist national sporting organisations in developing programs which will increase participation, especially by children, both at competitive and recreational levels, ensure high safety standards for all participants and provide more qualified referees, umpires and technical officials.

To achieve these objectives the aims of this program were:

- to improve the performance of Australian athletes/teams and coaches in international competition;
- to increase the numbers of Australians participating in sport;
- an improvement in the number of coaching courses approved under the National Coaching Accreditation Scheme;
- to increase the number of people attending coaching courses and becoming accredited;
- to maintain the number of international events conducted in Australia;
- to increase the number of full and part-time administrators employed by national sporting organisations;
- to increase the number of full and part-time coaching directors employed by national sporting organisations;
- to increase the number of athletes travelling overseas to international competition.

Sports Administration

Administration continues to be a vital aspect of the sporting scene and national sporting organisations are finding that as they grow and develop, their administrative and managerial needs become more complex.

The Commission responds to these needs, and implements programs to meet the objectives outlined above through comprehensive advisory services, a seminar and workshop program and a publications program, in addition to the financial assistance provided under the Sports Development Program.

The employment of personnel continues to be the most significant area of funding under the Sports Development Program. Grants for full-time positions ranged from $25,000 to $45,000 per person (on a pro-rata basis), depending on the level of responsibility, duties and total salary package. Sporting organisations were thus also required to make a significant financial commitment to the position by topping up the salary subsidy and covering additional costs such as administrative support, travel, and office costs. The level of assistance towards part-time positions ranged from $12,000 to $15,000. During 1989–90, 52 administrative positions were assisted at a total cost of $1,654,000 representing 14.7% of total Sports Development Program funding. In total, the Commission assisted 102 full and part-time administrative, coaching and development positions in 58 organisations. The total cost of this assistance was $3,176,500.

Although the Commission has not been in a position to meet all requests for assistance in the area of employment, the number of full or part-time positions supported increased by 16 from 1988–89.

In instances where national sporting organisations employed a full-time national executive director, a full-time coaching director and/or development officer and support staff, an additional grant was generally provided. These grants ranged from $10,000 to $30,000. In this area 29 sports received support staff grants at a total cost of $580,000 representing 5.2% of total funding.

Most sporting organisations not receiving support for full-time administrative positions were allocated general administrative grants. These varied depending on the size and profile of the sport and the total expenses incurred in this area. The maximum level of assistance was $25,000 and 51 sports received administrative grants at a total cost of $509,000 representing 4.5% of total funding.

The Commission also provided financial asssistance to national sporting organisations for delegates or Australian members of international executive committees to attend

international administrative, coaching, technical and executive meetings. Fifty seven sports received assistance to attend overseas meetings in 1989–90 at a total cost of $144,000 representing 1.3% of total funding.

Coaching

Coaching represents a vital focus for the Australian Sports Commission which considers effective, competent and accessible coaching to be a key element in any attempt to improve and sustain a nation's sporting performance. To achieve this aim, the Commission has established five objectives related to coaching. These are to:

- increase the quality of coaching support at all levels;
- improve the quantity and quality of accredited coaches;
- assist sports in their efforts to broaden the base of participation;
- provide opportunities for all coaches to undertake some form of training in sports coaching; and
- promote the development and dissemination of coaching education resource materials.

In order to achieve these objectives, in 1989–90 the Commission provided $2,478,500 in financial assistance to national sporting organisations. This represents an increase of 76% over the 1988–89 financial year. The allocation consisted of:

Salary subsidies for NCD positions	$1,097,500
Coaching projects to be conducted by NSO's	$1,072,000
Assistance to the Australian Coaching Council	$ 309,000
Total	**$2,478,500**

The Commission regards the employment of National Coaching Directors (NCDs), along with the employment of professional administrators by sporting organisations, as one of the most significant advances in the development of sport in Australia. Under the SDP in 1989–90 a total of $1,097,500 was provided for the employment of 34 full-time and one part-time NCDs. Five of these were new positions.

Coaching projects totalling $1,072,000 were funded under the SDP in the 1989–90 financial year. The 213 projects funded represented an increase of 77 over the previous financial year. Examples of these projects are:

- Australian Rugby League, for the production of a new level 2 course, the conduct of level 1–3 courses, and a coaching and development officers workshop ($50,000);
- Australian Women's Hockey Association, for elite coaches seminars, a coaching workshop and an educational overseas tour by an apprentice coach ($45,000); and
- Athletics Australia, for coaches meetings and workshops, an overseas scholarship for an Australian coach and a visit by a prominent overseas coach ($30,000).

Competition Overseas

In recognition of the importance of Australian sporting teams gaining exposure to competition at the highest level, the Commission provided $1.7 million to 58 national sporting organisations for international competition overseas under the 1989–90 Sports Development Program (SDP).

A feature of the Commission's support of international competition in 1989–90 was an allocation of $1,000,000 to the Australian Olympic Committee (AOC), which was the first payment of a total contribution of $7 million for the preparation of Australian athletes and teams in the lead up to the 1992 Olympic Games in Albertville and Barcelona. The $7 million contribution represents the largest level of Federal Government assistance allocated to the AOC, and will provide Olympic athletes and coaches with the necessary resources to adequately prepare for the 1992 Games. The Commission has entered an agreement with the AOC under which allocations for international competition for Olympic sports will be determined by the AOC's Planning and Review Commission, which includes representation from the ASC.

Priority for international team travel in 1989–90 was again directed towards official world or major championships. The level of funding allocated for these events varied according to the importance and frequency of the event, the size of the team selected and the profile of the participant sport. During 1989–90, Australian teams competed in over 200 international sporting events ranging from world championships to two-nation competitions. Australian athletes performed with distinction in world championships in such diverse sports as billiards, cycling, fencing, gymnastics, ice skating, judo, orienteering, squash, triathlon and yachting.

1990 Auckland Commonwealth Games

The Australian team at the 1990 Auckland Commonwealth Games, of 311 athletes and officials, represented the largest Australian contingent ever to participate at the Games.

The Australian Government, through the Australian Sports Commission, provided a total grant of $1,000,000 over two financial years (1988–89 $300,000, 1989–90 $700,000) for the preparation of the team.

Competition in Australia

In recent years Australia has earned a reputation internationally for staging successful major sporting events. The Commission believes that attracting major international events has significant benefits to Australian sport and to the wider Australian community and as such encourages national sporting organisations to host international events in this country.

Under the SDP in 1989–90, grants totalling $953,000 were provided to assist 30 national sporting organisations host events in Australia, an increase of over $300,000 on the previous year. The amount represents 7.8% of SDP funds.

Some of the major grants to national sporting organisations last year included:

- $150,000 to the Western Australian Government, (the first instalment of a total grant of $500,000) for the conduct of the World Swimming Championships in Perth in January 1991. The championships, which will include swimming, diving, water polo and synchronised swimming, will involve up to 70 countries and 3,000 competitors and officials. This is the first time Australia has hosted this prestigious event, which is held every four years.
- $110,000 to the Australian Rowing Council to assist in the staging of the World Rowing Championships at Lake Barrington, Tasmania, from 28 October — 4 November 1990. A total of $250,000 will be provided by the Commission for this event. Up to 40 countries and 1,500 competitors and officials are expected to participate in the championships which are being held in the southern hemisphere for only the second time.
- $100,000 to the Australian Women's Hockey Association (final instalment of total assistance of $150,000) to conduct the 7th Women's Hockey FIH World Cup in Sydney from 2–13 May 1990. The top 12 countries in the world took part.
- $50,000 to the All Australia Netball Association to host the World Netball Championships in Sydney in July 1991. (This grant represents the first instalment of a total of $200,000 towards the event). The championships are returning to Australia after 24 years and at least 16 countries and 400 competitors and officials will be involved.
- $40,000 to the Australian Hockey Association to stage the Champions Trophy in Melbourne in November 1990. (A total grant of $100,000 has been allocated to this event). The top 12 countries in the world will be participating in the event, which is being held in Australia for the second time.
- $40,000 to the Australian Squash Rackets Association, the first instalment of a total grant of $90,000 to host the Women's World Squash Championships in Sydney in October 1990.

- $25,000 to the Australian Softball Federation to stage the 1991 Junior Girl's World Championships. A total grant of $50,000 will be provided for this event, which will be held in Adelaide from 20–28 April. This is the first time the championships have been held in the southern hemisphere.
- $25,000 to the Australian Clay Target Association for the conduct of the World Shotgun Championships in Perth in 1991. The Commission will allocate a second and final instalment of $50,000 in 1990–91. Between 30–40 countries and over 400 competitors and officials are expected to attend the championships.

Development Projects

Under the Sports Development Program for 1989–90, a total of $1,411,000 was provided to 71 national sporting organisations for a broad range of developmental programs and projects. This is consistent with the Commission's flexible approach in responding to the needs of the various sports. The main areas to receive support were junior development (including children in sport and youth sport), umpiring, judging and refereeing programs, safety and technical development, and increased participation. Some examples of specific development projects are:

Junior development
- athletics — support for the national junior development officer position and the conduct of camps and clinics.
- cycling — employment of a national development officer and conduct of a national schools program.
- rugby union — further development of Walla rugby (modified rules) and employment of a national junior development officer.

Officiating
- Australian football — coaching course for umpires.
- basketball — referee training and education programs.
- hockey (W) — a national umpires seminar.
- netball — development of coach/umpire program.

Safety and technical development
- parachuting — safety training video.
- rugby union — scrummaging techniques materials.
- surfriders — national safety and skills program.
- underwater — national underwater safety/ education program.

Increased participation
- gymnastics — community based development program.
- korfball — youth sports video and workshop.
- soccer(women) — youth leadership award scheme.
- tennis — research into women in tennis.

Under the development category 12 full-time national development officer positions were supported in 1989–90, with a range of duties involving junior development, talent identification, increased participation and modified rules programs.

Elite Projects

Assistance is available under the program for special high performance athlete development projects not catered for under Australian Institute of Sport or other Commission programs. The projects include the development and conduct of national leagues, and national talent identification/development programs for junior and senior athletes.

A total of 25 national sporting organisations received assistance under the program for 1989–90 for elite projects totalling $495,000. Examples of these projects appear below.
- basketball — administration of the Women's National Basketball League.
- cricket — national talent identification program.
- equestrian — national squad training for dressage, showjumping and three-day event disciplines.
- soccer(M) — administration of the National Soccer League and National Youth League.

- water polo — conduct of the National League.
- yachting — development of State/national class squad program.

National Executive Directors' Workshop and Seminar Program

At the end of March the Australian Sports Commission hosted a National Executive Directors' workshop. Full-time executives from national sporting organisations and representatives from State institutes and State departments were invited to attend the workshop for three days at the Australian Institute of Sport. Representatives from 66 national sporting organisations attended the workshop to discuss various topics related to sport.

The group discussed issues such as the media, drugs in sport, the development of a national sport information policy, the management of Australian sporting associations and recent developments in sport and the law. The workshop proved a successful forum for the discussion of key issues. A number of resolutions relating to the future direction of sport were passed.

The Commission concluded its seminar program during 1989–90 with the staging of the Planning-People and Politics Seminar in Hobart. Once again the seminar was well attended and the Commission received positive feedback.

Since 1987, the Commission has staged seminars in every State except the Northern Territory. The continued support by our sponsors, Southern Pacific Hotels and more recently Australian Airlines, has helped to ensure the success of the program. Before any new seminar program is initiated the Commission will evaluate and reassess its role in staging seminars within each state.

Disabled Sports Program

The specific objectives of the Disabled Sports Program are:

- to encourage people with disabilities to participate in sporting pursuits;
- to provide sporting opportunities which will enable people with disabilities to participate at their desired level and to achieve their personal goals;
- to ensure that people with disabilities are provided with the same sporting opportunities as able-bodied persons and that these opportunities are not conditional on gender, race, age or level of disability; and
- to encourage and promote, where appropriate, the integration of disabled sporting activities with those of the able-bodied.

To achieve these objectives the aims of this program were:

- to increase the number of national sporting organisations for the disabled registrations;
- to increase the number of accredited 'disabled' coaching courses developed and conducted;
- to increase the number of people attending coaching courses and becoming accredited;
- to improve the performance of Australian teams at international competitions;
- an improvement in the efficiency and performance of national sporting organisations for the disabled administration, including adequacy of development plans;
- to increase the number of national sporting organisations catering for the needs of the disabled;
- to increase the number of people with disabilities participating in integrated or parallel activities;
- to increase the number of research projects being conducted;
- to increase the number of information resources produced by national sporting organisations for the disabled and the Australian Sports Commission.

In November 1987, the Australian Sports Commission assumed responsibility for government sports assistance to people with disabilities. Following this transfer, the Commission conducted a review into the area

to ensure that the Government's activities were in fact appropriate to the sporting needs of the disabled community and in line with the Commission's general objectives. The recommendations of the review form the basis of the Disabled Sports Program (DSP) which formally commenced operations in 1988–89.

One of the recommendations of the review was that the DSP should be aligned with other Commission programs and policies where appropriate. It was recommended that the Commission should encourage people with disabilities to become integrated into able-bodied sporting activities taking into account that the pace of integration must be dictated by the willingness and enthusiasm of the disabled. To this end, the DSP is no longer a component of the Sports Participation Section, but as of February 1990, falls under the auspices of the Sports Development Program.

To achieve the objectives of the program in 1989–90, funds were provided to national sporting organisations for the disabled for the employment of personnel, general administration expenses, travel to international competitions overseas, the staging of competitions in Australia, attendance at international meetings, study tours and seminars, administration of international meetings and conferences in Australia, integration projects, research, support for elite disabled athletes, coaching development and projects of national significance.

Funding is available both to national sporting organisations for the disabled (NSODs) and able-bodied national sporting organisations for integration projects. Under the DSP, a total of $959,640 was provided to ten national sporting organisations for the disabled, six able bodied NSOs and four other complementary programs.

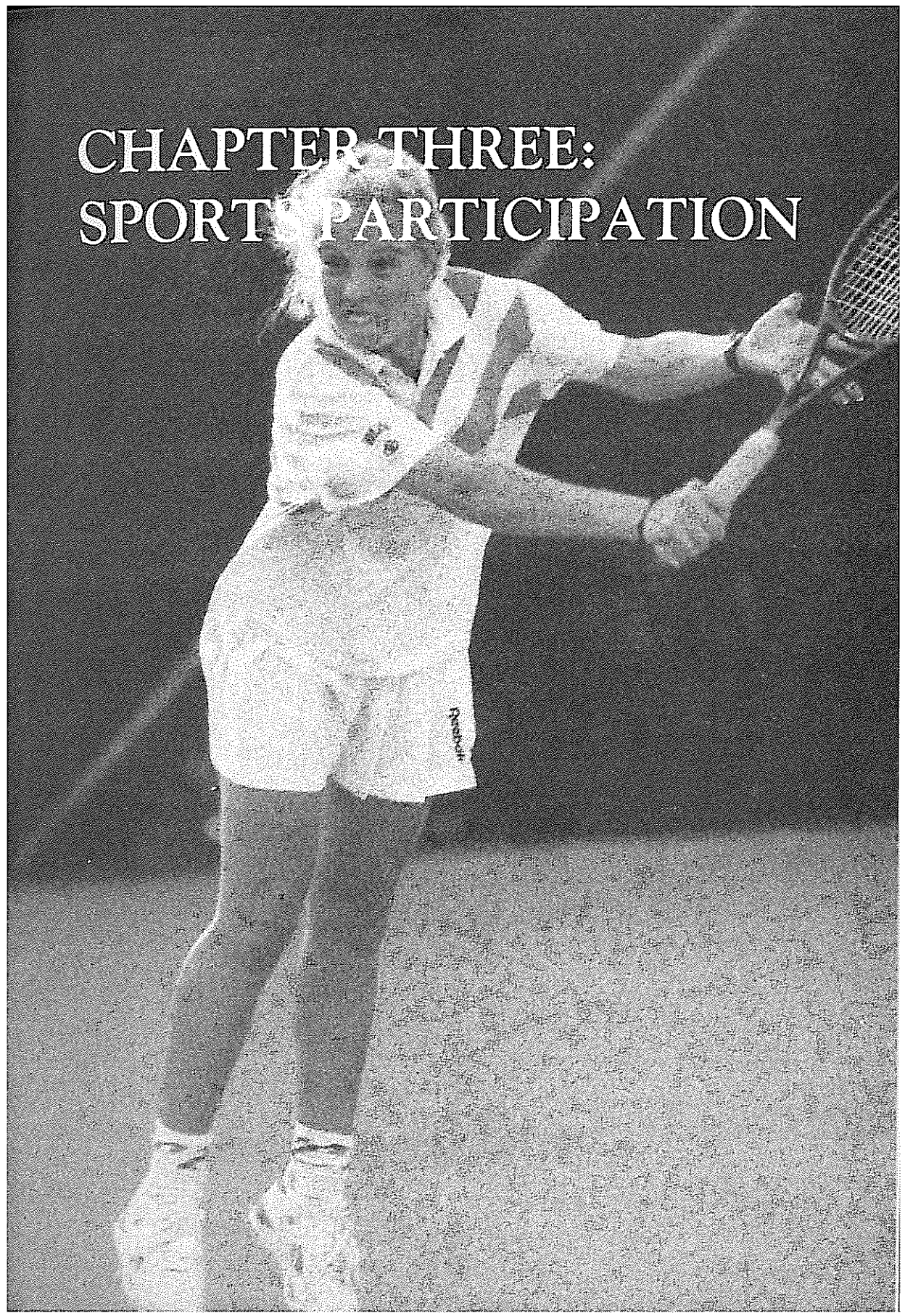
Formerly funds were made available to the Australian Coaching Council for the employment of a national coaching co-ordinator for the disabled (NCCD). In 1990, this position became aligned with the DSP and is now responsible to the program co-ordinator. The duties include the provision of a coaching advisory service to NSODs and NSOs and the production of appropriate resource materials. In addition, coaching projects initiated by NSODs and NSOs which are funded under the DSP will be co-ordinated and conducted in liaison with the NCCD.

The DSP allocates funds under the Commission's Sports Talent Encouragement Plan (STEP) to provide direct support to elite athletes and teams. In 1989–90 $85,000 was allocated through STEP.

Also, an allocation is made to the Commission's National Sports Research Program (NSRP) which funds research aimed at improving athletic and coaching performances and safety in sport. DSP funds will be specifically targeted for research projects concerning people with disabilities. $20,000 was provided for the funding of 2 projects in 1989–90.

This year for the first time, the DSP (through the Australian Institute of Sport) was able to offer scholarships to elite disabled athletes. In 1989–90 this program catered for three scholarships and will be increased to cover one additional place in 1990–91.

CHAPTER THREE: SPORT PARTICIPATION



CHAPTER THREE: SPORTS PARTICIPATION

Objectives

The objectives of the sports participation program are:

- to improve the quality, standard and variety of sporting activities available to Australian children;
- to enhance sports participation and to expand opportunities for those aged 13–18 years; and
- to encourage girls and women to participate in sport and to take a more active role in its administration, while increasing media coverage of their sport.

Overview

Programs encouraging the participation in sport of children, youth and women are the focus of the activities of the Sports Participation Section.

AUSSIE SPORTS has been an enormous success with modified sports now in both schools and community-based clubs. The continuing challenge is to encourage more teachers and community officials to become involved in the program. This will be more readily achievable through the work of the Junior Sports Development Units, a successful co-operative Commonwealth/State venture initiated in 1989–90.

A new youth program targeting young people has been developed to encourage young Australians to remain in sport: to compete, coach, umpire and officiate. To achieve this aim, two elements — Aussie Sportsfun and a sports leaders award — are being developed.

The issues confronting women in sport continue to be addressed by the Women's Sport Promotion Unit. In addition to its regular on-going activities, during the past year the Unit developed a proposal for a program to address the high drop-out rate from sport of adolescent girls.

AUSSIE SPORTS Program

The specific objectives of this program are:

- to improve the quality, quantity and variety of sporting activities available to Australian children and adolescents;
- to provide all children and adolescents with the opportunity to participate in appropriate sporting activities;
- to encourage participation and skill development in a variety of sports;
- to reduce the emphasis on 'win at all costs' and to promote enjoyment and good competition through participation in sport;
- to promote the principles of good sporting behaviour; and
- to improve the quality of sports instruction available to Australian children and adolescents.

To achieve these objectives the aims of the AUSSIE SPORTS Program were:

- to increase the number of schools buying AUSSIE SPORTS resources;
- to increase the number of children involved in the program through schools;
- to increase the number of modified sports available to children;
- to increase the level of improvement in skill levels in children;
- to increase the number of level 0 coaching courses held;
- to increase the number of resources sold to coaches, teachers, etc.

The AUSSIE SPORTS program is a comprehensive national sporting program which commenced in 1986. Originally it was specifically for children in the last three years of primary school but recent funding increases have allowed the program to be extended into the high schools under the working title of 'Youth Sport'.

AUSSIE SPORTS represents a timely investment in the future and will generate a growing pool of Australians with strong

motivation to develop a basic set of sporting skills and to continue to play sport as a lifelong activity.

Schools become involved in AUSSIE SPORTS in a number of ways — through the Awards Scheme, through Expo's, the Sport in Australian Society materials or by adopting the principles of AUSSIE SPORTS. Approximately 3,000 schools are registered AUSSIE SPORTS schools and many more schools have adopted the AUSSIE SPORTS philosophy and practise this in their sporting programs.

Performance

In 1989–90, the program achieved the following in working towards the fulfilment of its objectives:

- placement of an AUSSIE SPORTS co-ordinator in each education department and the placement of a second co-ordinator in Victoria;
- placement of an AUSSIE SPORTS co-ordinator in Sport and Recreation departments in Victoria, Western Australia (2) and Queensland;
- professional development workshops;
- development of children's coaching through the AUSSIE SPORTS Coaching program including:
  - placement of a coaching program co-ordinator with the Australian Sports Commission
  - development of coaching resources
  - preparation of lecture kits
  - promotion of coach education at community level
  - extension of the AUSSIE SPORTS Club development scheme;
- licensing of the AUSSIE SPORTS brand of sporting equipment specifically to service primary schools with appropriate modified equipment;
- production and distribution of educational resource materials including development of Topical Booklets relating to activities for children within the home environment;
- production and distribution of a quarterly newsletter aimed at enthusing and informing teachers and club officials; and
- public education and promotional materials, including TV community service advertisements, brochures and promotional literature.

The fourth edition of the AUSSIE SPORTS Activities Manual was published in December 1989 as a two-volume set. Information in the manual was significantly up-dated and expanded and now over 40 national sporting organisations are part of the program. An AUSSIE SPORTS Children with Disabilities Manual was published in March 1990. The manual focuses on the integration of children with disabilities into the AUSSIE SPORTS program. Two booklets were also produced addressing the concept of integration in schools and clubs.

Four issues of the AUSSIE SPORTS News were published in 1989–90 with circulation increasing to 30,000. The newsletter is targeted specifically at teachers and officials in clubs. It aims to inform about developments and happenings in AUSSIE SPORTS in the various primary schools and clubs throughout Australia and raise and discuss issues relevant to children's sport. An AUSSIE SPORTS Club News is also published quarterly and 12,000 copies are distributed to sporting clubs and associations enrolled as AUSSIE SPORTS Clubs. During 1990–91, the Commission intends to produce a larger, different style of magazine incorporating both former publications. Circulation will be 60,000 and it will be sent to high schools as well. The first issue will be published in October 1990.

During 1989–90 the first national evaluation of AUSSIE SPORTS in the sporting community was conducted by Dr Ron Traill and Dr Jim Clough from the University of Canberra. Over 80 national sporting organisations participated in the evaluation, entitled Report of the Australian Sports Commission Study of Modified Sports. It confirmed that the AUSSIE SPORTS

philosophy is gaining strong recognition and acceptance within the community.

The club development scheme is being further developed and over 2,000 clubs have committed themselves to the AUSSIE SPORTS philosophy by adopting coach training, modified sport and the Codes of Behaviour. A series of radio advertisements were released in November, 1989. These were played widely, particularly in regional areas, raising public awareness of the importance of coach education. A television campaign was launched in May 1990 featuring Robert de Castella and Kerry Saxby to promote coach education with the theme 'Good Coaching makes Good Sense'.

The AUSSIE SPORTS Coaching program aims to improve the quality of coaching available to children and adolescents and great emphasis has been placed on the development and conduct of Level 0 coaching courses. These courses are accepted as a non-accredited part of the National Coaching Accreditation Scheme. They provide a basic introduction to the basics of coaching children.

Seventeen sports have developed Level 0 courses and twelve have produced manuals in association with the Australian Council for Health, Physical Education and Recreation (ACHPER) and AUSSIE SPORTS. These are Australian football, baseball, basketball, cricket, cycling, golf, hockey, korfball, netball, orienteering, soccer, softball, squash, table tennis, tennis, touch and yachting. Several other sports have courses which are currently under consideration.

Junior Sport Development Units

To facilitate the expansion and delivery of the Australian Sports Commission's programs at a local, regional and state level, the Commission has established Junior Sport Development Units (JSDU) in each State and Territory as joint ventures between the Commission and State departments of Sport and Recreation and State departments of Education. Junior Sport Development Unit contacts for each State are listed at Appendix 3. In 1990, there are 60 full and part-time JSDU members implementing both the AUSSIE SPORTS and Youth Sport programs. In addition to JSDU staff, there is also provision for 200 honorarium 'field officer' positions to support the programs at a local level.

In addition to implementing and servicing the programs, JSDU's have several other important roles. These include the co-ordination of the development of policy and strategies that will enhance co-operation and the effective provision of sporting opportunities in schools and the community as well as development and promotion of programs that will increase the quality and quantity of volunteer involvement in sport. They will also identify and target groups within schools and communities with low participation rates in junior sport and promote sports education programs to these schools and groups.

In order to provide JSDU staff, field officers, Aussie Sportsfun teachers and leaders with a program identity and affiliation, a range of clothing items have been developed and are supplied as part of the program budget.

Youth Sport Program

The specific objectives of this program are:

- to provide opportunities for participation at appropriate competitive levels;
- to develop leadership qualities through involvement in official positions in sport;
- to assist sports to improve their recruitment and retention of volunteer officials;
- to develop demonstration projects for sporting bodies and 'at risk' youth;
- to raise awareness of good practices, strategies and of the issues for the providers of sport to young people;
- to improve the quality of sports instruction available to young people;
- to promote enjoyment of the benefits of, and good competition in, sport for young people;
- to provide co-ordinated policy development; and
- to foster closer school/community links.

To achieve these objectives the aims of this program were:

- to increase in numbers of young people participating in sport;
- to increase the number of schools involved in Aussie Sportsfun programs and the number of young people trained as Sportsfun leaders;
- to increase the number of participants in the National Youth Leaders Award;
- to increase the number of clubs/schools inservices conducted;
- to increase the number and distribution of club and Youth Sport newsletters;
- to increase the number of level 0 coaching courses held and the number of coaches trained;
- to increase the number of level 1 and 2 courses targeted at youth coaches;
- to increase the number of honorariums deployed.

The Youth Sport program has been established to improve the quality of sporting experiences for young people and to provide opportunities for government, school and community target groups, consistent with the Commission's aims of fostering better sporting experiences for youth between 13 and 18 years.

In 1989 an extensive consultation process was undertaken throughout Australia in which the views, concerns, ideas and recommendations regarding young people and sport were expressed by many people representing education, sport, recreation and youth organisations. Overwhelmingly, these consultative forums supported the need for a program to address sport for young people. A summary of the forums is published in the Australian Sports Commission report 'Youth Sport — the Next Step'.

The issues to be addressed are complex and varied, and require the program to look towards a multi-strategy approach to take into account the high drop-out level especially amongst girls; access to quality coaching, school/community provision of sport; talent identification and development; sport leadership opportunities; the appropriateness of sport delivery; special need groups and the lack of appropriate resources.

Budget

The budget allocation for 1989–90 for the Youth Sport Program was $1,600,000 with a total four-year budget commitment of $8.54 million over the period 1989–90 to 1992–93.

Performances

To assist the development of this program an extensive market research project has been commissioned which will enable the Commission to gain a better understanding and insight into the attitudes, participation and expectation of young people regarding sport.

In the meantime, Youth Sport is developing and implementing two program elements — Aussie Sportsfun and a sports leaders award.

The Aussie Sportsfun program will involve 100 high school and colleges and 300 primary schools in its first year. In 1990, 1,800 leaders and 20,000 children will be involved in the program. It offers opportunities for the high school and college students to realise leadership development through the coaching of primary school children in sports skills after school. They are supervised throughout the program by Australian Sports Commission and State personnel and physical education teachers.

The Sportsfun leaders are 15 years or over and are thoroughly prepared by attending an induction day, a two to three day sport leadership training camp and one or two refresher days during the program. They participate twice per week for eight weeks for two terms. Leaders receive a Sportsfun manual and clothing.

Primary school children participating in the program are those who are not involved in community sport or go home to unsupervised homes after school. The program, using AUSSIE SPORTS, encourages children to participate in and enjoy sport and physical activity. Primary school teachers provide the essential supervision of the program and also assist the leaders.

The sports leader award is being developed in

conjunction with thirteen national sporting organisations. It offers young people in the age group 15–20 years the opportunity to learn new skills, provide service and participate in two or more of the following activities:

- Administration
- Sports organisation
- Sports health
- Aussie Sportsfun
- Refereeing, Judging and Umpiring
- Participation
- Coaching knowledge and assistance.

Three levels of sport award will be offered and require minimum time commitments: bronze (20 hours), silver(40) and gold (60). The sports leader concept is one which the sports will develop within a national framework and be administered by the sport in conjunction with the Australian Sports Commission.

Also in the Youth Sport program in 1990, ten pilot projects have been funded by the Australian Sports Commission in regional communities with a view to developing a greater number of program components and addressing special needs groups. Applications for pilot projects must, among other criteria, display a 'transferability' to other communities and incorporate agencies such as local government, education authorities and the sporting community.

The Commission is examining further program initiatives to achieve Youth Sport objectives including a school/community transition program designed to develop strategies and link opportunities between schools and clubs; the promotion of alternative sporting structures that could be incorporated by clubs and associations to offer a greater diversity of sports participation including shorter units of competition, social sport and mixed sex sport opportunities where appropriate; and an apprentice coach scheme to assist the many Aussie Sportsfun leaders who wish to continue their leadership/coaching involvement in community sports clubs.

Women's Sport Program

The specific objectives of the Women in Sport program are:

- to increase the quality and quantity of opportunities for women and girls to participate in sport as players, coaches, administrators and/or referees in a fair and unbiased environment;
- to encourage participation and skill development by women in all aspects of sport and to increase the quality and quantity of sporting opportunities available to Australian women; and
- to facilitate the implementation of the Australian Sports Commissions 'National Policy and Plan for Women in Sport'.

To achieve these objectives the aims of this program were:

- to increase the participation rates in seminars, workshops and sporting organisations;
- an increase in the distribution and usage of resources and publications;
- to increase the number of projects initiated with other agencies;
- to increase the number of requests for information/assistance handled;
- to improve media coverage;
- to enhance awareness levels of the achievements and participation of women in sport.

The Women's Sport Program is administered by the Women's Sport Promotion Unit, a sub-committee of the Australian Sports Commission, with the responsibility of assisting the Commission to implement its National Policy and Plan for Women in Sport (December, 1987).

Membership of the Women's Sport Promotion Unit during 1989–90 consisted of:
Mrs Hazel Hawke (Patron)
Mrs Margaret Pewtress (Chairperson)
Ms Libby Darlison
Mr Ray Sneddon
Ms Henny Oldenhove
Mr Roy Masters

Ms Debbie Bowman-Sullivan
Ms Donna Edman (Secretary)
Ms Sue Baker-Finch

Budget

The original budget allocation for 1989–90 was $314,400. A further $135,000 was re-allocated from Australian Sports Commission savings in May. The extra funds allocated were to supplement the development of a National Adolescent Girls in Sport campaign. An extra $22,000 was provided (from carry over commitments) bringing the total budget for the year to $471,400.

Performance

In 1989–90, the program achieved the following in working towards fulfilment of its objectives:

- production and distribution of education resources and promotional materials;
- distribution of the program newsletter, 'Active', to in excess of 20,000 Australians four times per year;
- expansion and up-date of the media contact list and the very successful 'Fact Sheets' — eleven A4 sheets dealing with statistics and facts about women and sport;
- servicing over 2,000 written requests for information and resources; and
- expansion of video resources for use by schools to include two new educational videos, 'Winning Women' and 'The Game is Up' and production of study guide resources for schools. The Nine Network gave permission for their video, 'Winning Women' to be reproduced for public use. 'The Game is Up' is a joint project of the Commission and the Film and Sound Archives which, together with the study guide resources for schools, will be available in 1991.

A Program Consultant was contracted during 1989–90 to work in the areas of girls and physical activity; the development of the National Adolescent Girls in Sport Campaign; resource development; and liaison with national sporting organisations and Commission officers on equal opportunity strategies.

The Women's Sport Promotion Unit also gave extensive assistance to national sporting organisations on issues such as sponsorship, sex discrimination and equal opportunity, access to Sport Development Program funding, developing female role models and encouragement of women in coaching and administration.

The Unit has worked closely with other Australian Sports Commission programs, such as the Youth Sport Program, to ensure that the objectives and implementation of the National Adolescent Girls in Sport campaign suitably complement their efforts. Examples of such co-ordination include the Youth Sport initiatives and the Sports Development Program regarding a number of special projects to improve opportunities for women. This latter included working with Tennis Australia on an investigation of the drop-out rate of adolescent girls in tennis and the production of a coaching video for the Australian Women's Soccer Association. Other programs similarly involved were the Australian Coaching Council regarding the development of a resource on good practices for coaching female athletes and the National Sports Research Program with a financial contribution to support a research project encouraging and developing women as coaches.

State departments of Sport and Recreation have also benefited from liaison with the Women's Sport Promotion Unit. Joint Federal/State achievements have included the development of an in-service program to complement the Register of Sportswomen Project. Registers, which detail sportswomen who are available for presentations and speaking commitments, now exist in six states.

Other joint achievements have included the conduct of an annual workshop with representatives from seven states and territories and delegates from sportswomen's associations (April, 1990) and the conduct of 'Gateways to Participation' seminars in NSW, Victoria, Tasmania and the ACT. Similar successful

seminars were previously held in Western Australia and South Australia during 1988–89.

The Unit has liaised and exchanged information with numerous other agencies such as the National Working Party (to improve the portrayal of women in the media), the community organisation 'Media Switch' (to ensure that women in sport are part of its agenda) and the Office of the Status of Women (to promote the importance of women's involvement in physical activity and its broader relevance with regard to policy development).

Discussions also took place with the organisers of the National Campaign Against Drug Abuse regarding the use of physically active images of young women in the 'Young Women and Smoking Campaign' advertising.

The Unit has also been involved with other organisations such as Sports Hall of Fame, Confederation of Australian Sport, Sportswomen's Association, QUIT, Heart Foundation of Australia, Australian Universities Sports Association and the Australian Sports Medicine Federation.

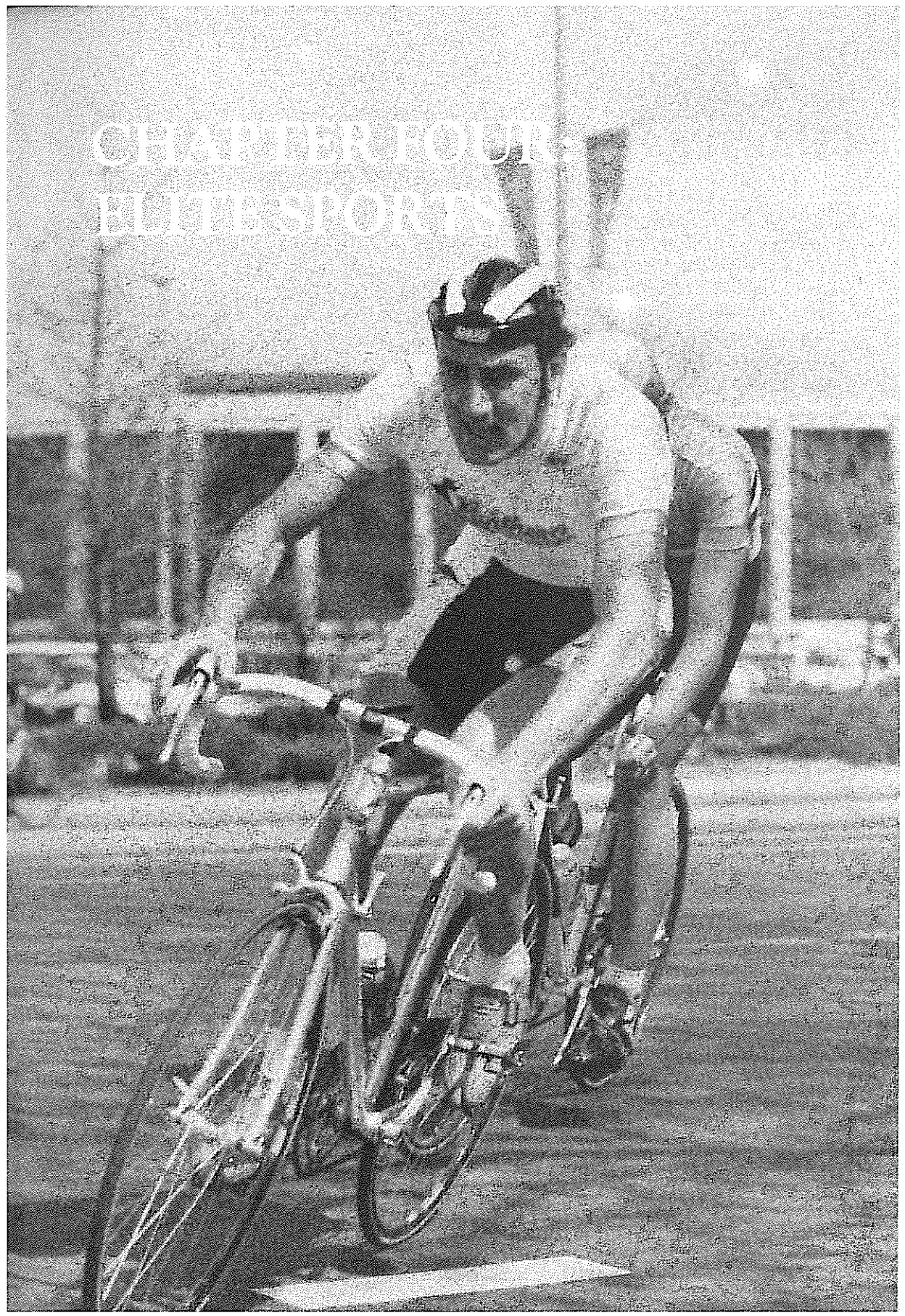
During 1989–90 the Women's Sport Promotion Unit made a submission to the Federal Government's Standing Committee on Legal and Constitutional Affairs Inquiry into Equal Opportunity and Equal Status for Australian Women.

National Adolescent Girls in Sport Campaign

The Women's Sport Promotion Unit applied for and received additional funds of $135,000 from savings to commence development of the National Adolescent Girls in Sport Campaign.

To date this has included the development of various Campaign resources, production and distribution of the 'Adolescents Girls in Sport Campaign' report which summarises objectives and implementation strategies for the national campaign, contracting Leonardi & Curtis Advertising Pty Ltd to identify and implement an advertising strategy for the campaign and the commissioning of market research on the appeal of a proposed advertising strategy to the target adolescent audience.

CHAPTER FOUR
ELITE SPORTS



CHAPTER FOUR: ELITE SPORTS

Objective

The objective of the Elite Sports Program is:

- to identify potential elite sports people and provide resources, services and facilities to enable Australians to pursue and achieve excellence in sport while furthering their educational and vocational skills and other aspects of their personal development.

Overview

The Australian Institute of Sport, the elite sports program of the Australian Sports Commission, provides facilities and assistance, including sports science and sports medicine services, to high performance athletes. This occurs at Institute campuses in Canberra, Perth, Adelaide, Brisbane and the Gold Coast as well as through an Australia-wide system of satellite coaches and other assistance programs.

The Elite Sports Section administers the Sports Talent Encouragement Plan; assists AIS coaches in non-coaching duties; administers the AIS Elite Coaching Assistance Scheme; handles details relating to athlete and coaching scholarships; organises athlete orientation programs; maintains personal athlete data on file and computer; and administers the Facility Pass Scheme for non-AIS elite athletes.

Full administrative support is provided by the Section to Canberra-based residential sports, and partial support is provided to those residential sports located outside Canberra, which also receive administrative support from their local AIS Administrative Units.

Athlete Education and Welfare

The objectives of the Athlete Education and Welfare program are:

- to provide an environment for resident athletes conducive to the support and enhancement of their training, competition, study and work programs;
- to ensure student athletes are enrolled in appropriate courses of study and that they are achieving satisfactory progress in these courses;
- to ensure that non-student athletes are engaged in appropriate employment;
- to encourage and provide appropriate recreational activities and experiences for resident athletes, particularly junior athletes.

To achieve these objectives the aims of this program were:

- an increase in the proportion of athletes placed into educational or work opportunities;
- the maintenance of progress of athletes undertaking educational courses;
- to improve the level of assistance provided to obtain work experience opportunities;
- to enhance the nature and range of recreational opportunities provided.

The Education and Welfare Unit is concerned with the lives of the scholarship athletes at those times when they are not under the direction of their coaches. This includes their life in the Institute's Halls of Residence and their study or employment activities.

The Assistant Manager, Athlete Education and Welfare, oversees the work of the Education Officer, House Parents and Tutors and is responsible for the well-being of all resident scholarship athletes. The Education Officer administers all aspects of athlete education and co-ordinates the educational work of the Tutors and House Parents.

There are six House Parents — two couples and two single people and 13 Residential Tutors. The two single House Parents look after the young female gymnasts while the general House Parents supervise all other athletes under 18 years of age. The Tutors assist the athletes in their studies, in addition to arranging recreational activities and

maintaining a general supervisory role in the Halls of Residence.

All student athletes receive encouragement and support from the Residential Tutors who supervise the athletes to ensure that they are attending to their homework and studies. The Education Centre set up late in 1988, allows athletes to use the computer, study in private carrels, obtain specialised tutoring in Maths, Physics and Computing and use the encyclopaedias and textbooks.

Early 1989 saw the establishment of a Junior Lounge. This was set up to provide athletes under 18 years with a place to relax. Since its opening the Junior Lounge has become an activities centre, with a sewing machine and a fully equipped photographic dark-room.

The Halls of Residence can accommodate over 300 people at any one time. During the year there was an average of 150 scholarship athletes in residence. The balance of accommodation was used by visiting athletes, parents of scholarship-holders and other visitors. At most times during the year, athletes involved in camps conducted under the National Sports Program were also in residence, although they do not come under the control of the Education and Welfare services.

The Halls of Residence comprise 21 blocks, each containing 12 single rooms and one self-contained flat used for married athletes, House Parents, other staff members and visitors. Throughout 1989, 16 of these blocks accommodated scholarship athletes and the remaining 5 were used for visiting athletes and other casual guests. The Tutors live in the blocks with the scholarship athletes and in most cases there is a female Tutor in blocks of female athletes and a male Tutor in the male blocks.

Athletes attending the Institute are encouraged and assisted in continuing their studies. In 1989, 133 athletes were enrolled in educational courses at primary, secondary and tertiary levels. In 1990 the number was 127. The following table provides a breakdown of athletes undertaking studies as at 30 June 1990.

Level	Number
Primary	4
Secondary	
High School (years 7 to 10)	10
Secondary College (years 11 and 12)	61
Tertiary	
Australian National University	10
University of Canberra	20
Canberra Institute of the Arts	
Signadou College of Education	
External Studies	2
ACT Institute of TAFE	20
Total	127

Athletes in Years 11 and 12 attend Lake Ginninderra College, a nearby government Secondary College, which not only offers a wide range of academic courses but also gives athletes recognition and credit for their AIS training and participation. The college's AIS Sports Program was developed jointly by its staff and Institute coaches.

Athletes undertaking tertiary studies are enrolled in a variety of disciplines. At the ANU, for example, athletes pursue studies in Economics, Arts, Commerce, Arts/Law, Science and Linguistics, while at the University of Canberra they are undertaking studies in Sports Administration, Sports Coaching, Sports Journalism, Banking and Finance, Accounting, Administration, Communications, Engineering, and Architecture.

The ACT Institute of TAFE has attracted athletes into courses such as Fitness Leadership, Health, Fitness and Recreation, Business Management, Business Accounting and Finance, Surveying, Electrical Trades, Typewriting and Horticulture.

An annual Education Award is presented to the AIS scholarship holder who is deemed to have been most outstanding in the field of education. At the end of 1989 this award went to Ian McInness, a Water Polo athlete who graduated from the Canberra Institute of the Arts with a Bachelor of Arts (Visual), majoring in Ceramics.

Sports Talent Encouragement Plan

The objective of the Sports Talent Encouragement Plan is:

- to assist Australia's top athletes to improve or maintain world rankings and achieve success in the international sports arena.

To achieve this objective the aims of this program were:

- to increase the number of top athletes (including teams) for the able bodied and disabled receiving assistance under the plan;
- to improve the success of grant recipients in maintaining or improving their world ranking;
- to increase the proportion of the athletes costs met by the STEP grant.

The Sports Talent Encouragement Plan (STEP) is designed to provide high performance athletes with direct financial assistance which offsets financial expenses incurred through the development and pursuit of their sporting careers and complements the training and competitive opportunities provided by their national sporting organisation, State Government or by private enterprise. A total of $655,500 was given in STEP grants in 1989–90, an increase of $34,150 on the previous year. A table of such assistance for 1989–90 is at Appendix 4.

This year the program was further expanded in two areas:

- support for both elite junior and potentially elite senior athletes who are now assisted through the difficult transition period to reach international senior ranks;
- the introduction of education grants for senior athletes, fifteen of whom received funding for education expenses in this new venture which endeavours to assist elite athletes combine their academic and athletic careers.

National Sports Program

The specific objectives of the National Sports Program are:

- to provide national sporting organisations (including those sports not resident at the AIS) access to the Institute's services and facilities for national training camps and development projects;
- through access to the Institute's services, facilities and expertise, to supplement the established elite programs of national sporting organisations;
- to assist high profile international sports (senior and junior) prepare for major international competition;
- to assist national sporting organisations conduct high level courses/seminars for coaches, referees and officials.

To achieve these objectives the aims of the program were:

- to promote further the perceived benefits to Australian teams and national sporting organisations of camps under the NSP;
- to increase the number of camps applied for and conducted under the NSP;
- to increase the number of athletes/coaches/officials participating at camps under the NSP;
- to increase the contribution of national sporting organisation and AIS funds to this program.

The National Sports Program is a program of assistance to national sporting organisations to conduct national training camps and technical seminars for elite athletes, coaches and officials at the Australian Institute of Sport in Canberra or at other appropriate locations. A total of 200 camps were conducted in 1989–90, compared to 105 in the previous year.

Increased funding has allowed expansion of this program — more sports now participate providing more camps for their national teams' or squads' preparation and their talented athletes' development.

The program enables national sporting organisations to keep abreast of latest developments in sports sciences and sports medicine through the AIS centre and its various state centres. This is imperative in order to become or stay competitive in the international sporting arena.

AIS coaching staff also make valuable contributions to non-resident sports through this program.

Elite Coaching Assistance Scheme

The specific objectives of the Elite Coaching Assistance Scheme are:

- in conjunction with the respective national sporting organisations to:
  - provide the opportunity for AIS sports to develop top level coaches,
  - enhance the experience, knowledge and expertise of coaches of elite athletes,
  - promote co-operation between AIS coaches and programs, and other top coaches in the field within the respective sport,
  - increase the number of top level coaches in Australia,
  - provide recognition to coaches of elite athletes;
- to provide information support and services to a coaching network in each AIS sport;
- to provide the opportunity for the professional development of AIS coaches

To achieve these objectives the aims of this program were:

- to increase the number of elite coaching workshops conducted;
- to increase the number of coaches assisted under the program;
- to increase the number of coaches on scholarship working with AIS head coaches;
- to increase the number of requests to the Information Centre by coaches assisted under the program.

The Elite Coaching Assistance Scheme is aimed at raising the standard of coaching for Australia's high performance athletes in sports that have Australian Institute of Sport residential programs. Grants made under the scheme for 1989 are listed at Appendix 5.

Intensive Training Centres

The system of Intensive Training Centres in eight selected sports, basketball, canoeing, cycling, gymnastics, hockey, rowing, swimming and track and field was established in 1989–90. The centres employ full-time coaches, funded by the Commission, to work with national, state and institute coaches. The centres are co-ordinating the efforts of state bodies and state institutes to find and develop elite athletes and elite coaches in the eight sports and to develop the infrastructure of support necessary to locate and develop talent.

Residential Sports Program

The Australian Institute of Sport Residential Sports Program offers residential and visiting scholarships to elite and developing elite sportsmen and women to enable them to participate in one of the seventeen sports units existing under the program. The educational and social welfare of these athletes is assisted by the provision of expert guidance and facilities. As well, comprehensive sports science and sports medicine programs are provided for residential athletes and are considered to be an integral part of their program of preparation.

The sports catered for in the residential program are:

Basketball
Canoeing
Cricket
Cycling
Diving
Gymnastics
Hockey
Netball
Rowing
Rugby Union
Squash
Soccer
Swimming
Track and Field
Tennis
Volleyball
Water Polo

Detailed accounts of the activities of each of these sports are contained below. A full list of scholarship holders for 1989 and 1990 is given at Appendix 6.

Basketball

Basketball continues to expand rapidly and the Institute performs a vital role in this development. Currently the national men's and women's teams are ranked fourth in the world, the junior women's team third and the junior men's team fifth. The Institute has played an important role in the achievement of these results.

The 1989–90 year was an outstanding success for both the men's and women's programs. In the South Eastern Australian Basketball League the men's team finished in second place in the Eastern Conference with 15 wins and 5 losses, an outstanding effort for such a young side. It was the Institute's best result since 1983. With an average age of 17 years, the team was the only all Australian team in the League. Tony Ronaldson was the only Australian named to the Eastern Conference All Star Five.

Renae Fegent was named the 1989 Youth Player of the Women's National League in which the women's team finished in 12th place. The team had 3 wins and 20 losses. It was extremely young with an average age of 16, and has been rebuilding for the 90's. In the first games of the 1990 season the team had 7 wins and 2 losses. The women's team toured the West Coast of the USA playing much older college teams with a 9 win, 2 loss record for the tour which augurs well for 1990.

In the World Junior Men's Championships nine of the men's team played in the national team which won the gold medal in the Oceania Championship Tournament in Tahiti, and also won the 1990 Oceania Youth Championships, thus qualifying Australia for the World Championships to be held in 1991. Eleven of the men's team toured the USA with the National Junior Team in November 1989 which won 6 and lost 5 games.

In July 1989 the National Junior Women's Team created basketball history by winning a bronze medal at the World Junior Women's Championships. Institute scholarship holders and graduates on the team were Michelle Gubbels, Natasha Bargeus, Narelle McConnell, Anne Robilliard, Julie Wilts, Lucille Hamilton, Shelley Gorman and Jo Moyle. Shelley Gorman was named as the Australian Sports Commission Junior Sportstar of the Year.

Allison Cook and Renae Fegent were selected in the national senior squad and Renae toured Europe with the national team. Six former Institute players were chosen on the Australian Team to compete in the 1990 World Championships. Nine of the ten players chosen for the 1990 Australian Junior Men's Team were Institute scholarship holders. Eight Institute scholarship holders were chosen to represent Australia at the senior level in 1989 and five are members of the 1990 Australian Men's World Championships Team. Tony Ronaldson, an under 18 player, and Andrew Goodwin, under 20, were selected in the National Men's Team.

The ACT Basketball Association again generously supported the Institute teams in domestic competitions. The men's team won the Division One Championship and the women's team was second in the Division One Championship. All Institute scholarship holders represented their States at the National Junior Age Championships and received generous support from the State Associations.

In the 1990 Australian Women's Club Championships, the Institute women's team finished 12th. Jodie Murphy was named as Youth Player of the Championships. With four Institute scholarship holders in their team, Lake Ginninderra College won the Australian Schoolgirls Championships in Queensland in December 1989.

During 1989–90 the Institute men's and women's teams conducted Drug Offensive Clinics in Sydney, Coburg, Grafton, Bulleen, Newcastle, Adelaide, Perth and Hobart. They conducted peer drug education sessions with over a thousand young people and had

extensive media coverage at each venue. The Drug Offensive program will sponsor the Basketball teams again in 1990–91. Also, the Institute women's and men's teams were sponsored in kind during 1989–90 by PUMA Australia for the 10th year.

Institute basketball again supported satellite programs in each State and Territory. These programs assisted junior elite players and coaches to prepare for future national representation. Meanwhile, the Institute again hosted All Australian Camps and Clinics for coaches and players. The largest camp was held in January 1990 and hosted 58 junior athletes and 14 State and National coaches.

The Commission awarded grants to Basketball Australia to implement a national elite junior program in 1990. This will continue at least until the end of 1992 and is expected to have a significant impact on all levels of Australian basketball.

Canoeing

Sixteen full-time scholarships were offered with the Canoe Unit in January 1990, double the initial 1989 intake. A major component in the program's expansion was the appointment of assistant coach, Steven Wood. Steven has been a successful international competitor, taking medals at World Championship level and coming fourth at the Seoul Olympics. His expertise has been largely directed towards the women's program. In 1990 the first full-time scholarships were awarded to women — initially three athletes, later increased to five. The strength of the women's team has been augmented by the arrival of Anna Cox, a bronze medallist for the Netherlands in the Seoul Olympics.

Throughout the year, Institute athletes competed at a number of regattas, including two internationals in New Zealand — one in Hamilton with four competitors gaining excellent results and the second in Twizel which was the New Zealand National Championships. Both regattas had strong international representation. Eight medals were won (six by Institute competitors), and four New Zealand titles were won by Australians.

At the Queensland Championships our final combination was settled for the nationals. Institute athletes won all titles in the open division. The National Championships were held in March 1990 at Lake Barrington with a total of 31 international competitors from 6 nations. All Institute athletes fared well; of the 16 selected in the National team, 12 were from the Institute.

Institute athletes also competed in the gruelling 25 km Du Pont Challenge on Sydney Harbour. There were two Institute male crews and one female crew. The men finished first and second, with the women finishing 11th (the first women's crew to finish).

Following the Seoul Olympics most of our successful competitors retired or "rested" for a year. However, some of these athletes have now resumed their sporting careers. Their influence on the younger athletes has lifted all performances. In January, a visiting coach, Josef Capousek, Head Coach of West Germany, spent three weeks with the unit. To coincide with his visit, an elite coaches seminar was conducted.

David Keating and staff in the Brisbane office have supported the smooth operation of the Canoe Unit with their co-operative administration. A major undertaking, a boat storage facility, is currently planned for Pizzey Park. This facility will be a vast improvement over the 40 and 20 foot containers used for the past 17 months.

The future of the sport looks bright due to the development of our own quality squads in Australia and to the "thaw" in the Eastern Bloc, where canoeing has been successful for many years.

Slalom Canoeing Unit

The AIS Slalom Canoeing program commenced in March 1990 at New Norfolk, Tasmania. The program is part of the commitment by the AIS to assist in the preparation of slalom paddlers for the Barcelona Olympics. Its objective for 1990 was

to provide an intensive training period leading up to the World Cup series followed by the pre-Worlds or, alternatively for juniors, a lead-up to the Junior World competition. It is planned to increase the period of training in the next two years leading up to Barcelona.

In its inaugural season, the unit was successful in its immediate aims of increasing fitness and skill levels. To make the 1992 Olympic Team, Australian slalom canoeists have to achieve a top 15 result in the 1991 World Championship or any of the 1991 European World Cup events. Their performances in this year's competitions are a good indicator that their aspirations for Olympic representation are achievable with continued training and support.

AIS athletes attended World Cup Races in Wausau and Savage River (USA), Ausgsburg (Germany), Bourg St Maurice (France) and Tacen (Yugoslavia) and an international race in Mezzan (Italy). A number of the team achieved top 15 results in these competitions. Matt Pallister's 14th in the first World Cup race and Richard MacQuire's 18th in the pre-World competition were definite considerations for Olympic selection.

The ten week training period in Tasmania was not conducive to employment opportunities for most of the scholarship holders and this aspect will be further investigated in future years. Part-time employment with local businesses will be encouraged to complement training schedules and to fulfil a need for athletes to be fully occupied. Physiological testing was performed at the Tasmanian State Institute of Sport.

Cricket

In its third year of operation, the Cricket program continues to produce excellent results and achieve the objectives set. Many of the previous scholarship holders are now making a strong impact in first class cricket and it is expected that the current squad will have similar successes. Of the 30 scholarship holders in the program in the first two years, 16 have played in first class cricket since leaving the Academy. A recent Australian Cricket Board junior team of 14 players on tour to the West Indies was comprised entirely of Institute athletes.

Highlights of the year were the victories over South Australia in a trial game and over Sri Lanka in a two day fixture at the Adelaide Oval. During their year in Adelaide, many scholarship holders represented their own State in Second XI fixtures. From their outstanding performances in these games five of the group were selected for Sheffield Shield Cricket.

Cycling

The past year has seen further progress in the cycling program. An additional coach, Gary West, has joined the staff along with consultant masseur, Malcolm Morris. More cyclists have been catered for and equipment provision is improving. Training and competition programs have been upgraded with a consequent improvement in international standards of performance.

Six of the eight track endurance cyclists who represented Australia at the 1990 World Championships were inexperienced first year cyclists. The standard of performance they achieved, however, was a reflection of their talent and commitment.

Australia did very well at the 1990 World Championships held in Japan. Stephen McGlede won in the 50 km; the Team Pursuit placed third, while Gary Neiwand finished fifth. In the 1990 Goodwill Games Gary Neiwand came second in the sprint, the Team Pursuit finished third and Brett Aitken placed fourth in the 50 km.

The 1990 Commonwealth Games saw our team win three gold, three silver and two bronze medals, to be the leading Track Cycling country. The results were all the more creditable in view of the inexperience of the group and the events preceding the Games. The preparations for this year's World Championships saw our endurance cyclists, covering almost 35 000 kms and competing in France, Belgium, Holland, East and West Germany, Italy and USA. Road racing in

Europe accounted for around 4 500 kms and saw our team competing effectively against the world's best. 1990 has been an encouraging year in that the experience gained for our young group will enhance their prospects for Barcelona in 1992.

Diving

1989–90 was the most successful year for the Diving Unit so far as demonstrated by results. The 1990 Commonwealth Games in Auckland was the highlight of the year and proved to be a springboard to further success. Institute divers came home with five of six medals won by Australia, coming out as the top diving nation of the Games.

Results:

Craig Rogerson	Gold (3 metre)
Russell Butler	Gold (1 metre)
April Adams	Silver (10 metre)
Simon McCormack	Bronze (1 metre)
Peta Taylor	Bronze (1 metre)

The Australian National Titles held in Melbourne in April provided another highlight with Institute divers winning five of six gold medals in the Open events. At the conclusion of the Nationals, Institute divers were selected to represent Australia at the CAN-AM-MEX series and also the China International.

The CAN-AM-MEX series provided a first for Australian diving with two Institute divers returning with medals. Simon McCormack finished second in the 1 metre event in Canada, and Jodie Rogers placed first in the 1 metre in Mexico. Both divers had a most successful series finalling in all but one event. These were the best results ever achieved by Australians at this series.

The next platform for Institute success was the China International held in Beijing. This competition had the toughest field seen all year. Simon McCormack was successful in finishing 8th in the 1 metre event, and team mate Chris Ryan placed 12th in 3 metre, reaching his highest ever score. The Diving Unit looks set to improve its world rankings at the 1991 World Championships in Perth. At present, divers have embarked on an intensified weight circuit and somersault dry land program in preparation for the Championships. The divers' success over the year was achieved by co-operation between athletes, coaches, support staff and our sponsors — Speedo. The current levels of growth and depth indicate it is realistic to expect that Barcelona in 1992 could be the best opportunity yet for diving to realise its goals.

Gymnastics

The Institute must continue to be the model and catalyst for Australian gymnastics if we are to push into the top 10 nations in the world.

The Institute men: Ken Meredith Institute/QLD, Brennon Dowrick Institute/ACT, Peter Hogan Institute/NSW and Mark Mommsen Institute/ACT, competed well being the top four competitors in the Australian team at the World Championships held in Stuttgart in October 1989. The team placed one rank higher (19th) than in the previous World Championships.

The women's team was comprised of three Institute gymnasts: Monique Allen, Institute/NSW, Kylie Shadbolt, Institute/QLD and Jodie Rogers, Institute/NSW. Unfortunately Clare Scotney Institute/QLD was injured three weeks prior to departure and could not compete. Kylie and Jodie received their FIG Pins for a greater than 9.00 average; Monique received hers in 1987. The women's team climbed one place to 16th, and the most sensational performance was from Monique Allen, who made no major errors, and was the first Australian ever to qualify in the All-Around Finals of the World Championships, and in this competition placed 25th in the world.

For the first time Australia was invited to participate in the prestigious Japanese International Gymnastics Competition, the Chunichi Cup, in Nagoya, Japan. This competition was used as a preparation for the 1990 Commonwealth Games. Tim Lees showed strong performances on all apparatus, but unfortunately fell from the horizontal bar.

His performance on pommel horse and the vault were in the top ten in this event.

The Commonwealth Games saw the inclusion of gymnastics for the first time since the 1978 Games. The Australian Gymnastic Federation and the Institute aimed to present Australian gymnastics in order to show the improvement made over the past five years. It was the first time that Australian Gymnastics had to look analytically at a team of four members competing for eight gold medals in the men's events, and six gold medals in the women's events. Gymnasts were selected for their apparatus medal prospects and their contribution to the team score. The selections proved difficult, but pragmatic selection sent an Australian team with optimal opportunity for success.

The team consisted of:

Head Coach for Men: Warwick Forbes, Institute; Assistant Coach: Tian Wei Shun, Institute

Men: Brennon Dowrick, Institute/ACT, Peter Hogan, Institute/NSW, Ken Meredith, Institute/QLD, Tim Lees, Institute/VIC and reserve Grant Carlyon, WAIS/WA.

Head Coach for Women: Tian Ju Ping, Institute; Assistant Coach: Larry McDough, WAIS; Doctor: Peter Fricker; Visiting Overseas Coach: Qu Derui

Women: Monique Allen, Institute /NSW, Kylie Shadbolt, Institute/QLD, Lisa Read, Institute/NSW and Michelle Telfer, WAIS/WA.

Results of this competition were pleasing, and all gymnasts performed up to their consistent training level in the team competition. Australia came third in the men's team and second in the women's team results. Brennon Dowrick came fourth in the men's All Around, Peter Hogan fifth and Tim Lees eighth. In the women's All Around Monique Allen came second and Kylie Shadbolt third.

On the men's apparatus, Brennon Dowrick came first on the pommel horse and Tim Lees second. Ken Meredith came third on the rings and second on the parallel bars. Tim Lees came second on the vault and Peter Hogan third on the parallel bars. Brennon Dowrick came second on the horizontal bar. On the women's apparatus Monique Allen came third in the vault and first on the uneven bars while Kylie Shadbolt came third on the beam.

These results show Australia's significant progress in international gymnastics. Canada is now discussing the possibility of establishing a training centre similar to ours, as they recognise the rapid progress which Australia is making in gymnastics. The results of the Commonwealth Games vindicated the selectors and has placed Australia in a sound position from which to plan further success.

Australia sent two Institute gymnasts, Kylie Shadbolt and Lisa Read to the China Cup held in Beijing in April 1990. Kylie Shadbolt was placed 3rd in the All Around. Kylie competed the next day in all apparatus finals and managed to secure third place on Beam. This performance in an international event of the status of the China Cup is indicative of the excellence of the women's program.

For the first time in the Australian Gymnastic history, the women qualified for World Cup selections. Monique Allen participated in the American Cup and French International in an attempt to qualify Australia to participate in the 1990 World Cup for individuals. In France, at the French International, Monique placed 11th, and again competed against the World Champion Svetlana Boginskaya from USSR, to achieve a creditable place.

In the 1990 National Championships held in Melbourne in May 1990 Peter Hogan, Institute/NSW came first, Laszlo Montanyi, Institute/NSW second, and Tim Lees, Institute/VIC third. Lisa Read improved on her Commonwealth Games and China Cup performances to achieve a creditable 2nd place in the women's event.

A junior girls camp held after the National Championships in May 1990 aimed at identifying the potential 1996 Olympic gymnasts. All major clubs participated and the best talents were identified and tested by sports

science, enabling further assistance for their development for 1996.

During the Commonwealth Games boys from all around Australia attended a national clinic conducted by Institute satellite and apprentice coaches under the direction of Paul Szyjko, Junior National Coach, and John Curtin, Institute Brisbane coach.

Qu Derui, the former 1988 Women's Head Coach for the Peoples' Republic of China, was invited to Australia to assist in the preparation of the women's team for the Commonwealth Games. This was an invaluable time for the girls and proved to be a great success.

Five satellite coaches have been appointed throughout Australia for men's gymnastics and three for women's gymnastics. These coaches have visited the Institute at various times during the year to work with the Institute coaches or attend training clinics. The satellite men's coaches all attended the Zhang Jian clinic.

In women's gymnastics, Kirsten McGregor Lowndes replaced Debbie Graham in January 1990 as apprentice coach. Ken Meredith retired after the Commonwealth Games and accepted the Men's Apprentice coach position. Ken is working with young boys aimed at the 2000 Olympics as well as with coach Tian Wei Shun. The knowledge we already have plus the input from Wei Shun will see Ken as one of Australia's key coaches in the years to come. This apprenticeship position should continue up to three years as it requires this time to train an elite coach.

John Curtin commenced at the Brisbane unit in January 1989 and throughout the year has conducted talent identification tests on young boys who are in the Brisbane area and from as far afield as North Queensland. The program is still in the embryonic stages and it is important that more young boys are identified and that John works with at least eight to ten boys so that, with the usual drop-out rate, the program will still produce a number of well prepared boys in the future.

Hockey (Men)

The increased funding to the Institute hockey program and to the Australian Hockey Association (AHA) saw an explosion of new programs in 1990. The extra funding paved the way for Frank Murray (National Coach) to be employed full time and be based in the expanded facilities in Perth. This appointment will allow closer monitoring of individual Australian squad members.

The extra funding also enabled the appointment of Intensive Training Centre coaches in each capital city. These coaches will work closely with the Australian and the Institute coaches in player development and talent identification. The best from these programs will be offered scholarships. All Australian Squad members are on scholarships and when in their home states will work closely with the Intensive Training Centre coaches. The Satellite Coaching scheme will also be revamped under the direction of National Coaching Director Ivan Spedding.

Medical services have been extended to include a panel of doctors, physiotherapists, masseurs and eye specialists. This high quality of service has further enhanced our programs and has reduced our long term injury problems.

The Institute Men's Hockey program enters the 1990's with an exciting range of young talent and a new coach. Terry Walsh, senior coach, has resigned to accept an appointment coaching the Malaysian National Team. Barry Dancer replaced Terry in April and has made an immediate impact.

The excellent working relationship between AHA and the Institute allows programs and initiatives to move forward at an exciting pace.

Hockey (Women)

Since the inception of the hockey unit in Perth in 1984, the types of scholarship being offered have altered to suit the movements of the players. There is no doubt that for a team to perform to its potential, the players need to train together. The Institute has encouraged as many Australian players as possible to accept scholarships to assist preparation for major

titles such as the World Cup and Olympic Games. Scholarships for 1990 were offered to all Australian squad members and younger talented players.

Once again in 1989 the overseas tour proved to be successful. The tour was for a period of three weeks during which 13 games were played. The experience of playing games in the Netherlands and England against both national and club teams of high standard is one which cannot be duplicated by playing at home.

The highlight for 1990 was the staging of the World Cup in Sydney in May. Australia went into the tournament ranked No 1 following their 1988 Gold Medal placing and good performances at the Champions Trophy. Australia's highest placing in previous World Cup competition was 3rd at Kuala Lumpur in 1983. In the 1990 World Cup Australia played extremely well to defeat Korea 2–1 in extra time in the semifinal only to lose to the Dutch 3–1 in the Grand Final.

In February 1990, Peter Freitag, the Australian assistant coach was employed by the Australian Women's Hockey Association as a full time coach. Peter is resident in Perth and is working very closely with the Institute coaching staff. Coaches have been funded for Intensive Training Centres in each State. These coaches will work very closely with the National coaches to ensure that our players are being developed continuously.

The Institute program is being run under similar guidelines as in previous years with players being drafted to 1st Division clubs in Perth and playing in the Esanda Western Underwriters Midweek competition where the Institute competes against the 1st Division Clubs. This midweek competition is essential for our match play development.

As our sport enters a more scientific stage we are utilising the services of experts in their respective fields of exercise physiology, sports vision, strength training and sports psychology.

Netball

The Netball program focuses on players considered to have the potential to gain national representation. Generally players are recruited at the conclusion of their secondary schooling. Scholarships are offered annually, with the most successful students being retained for a second year.

New recruits begin the year with a heavy emphasis on building their fitness and individual skill levels. Court tactics are introduced as teams prepare to compete in both the NSW State League and the ACT Interdistrict competitions. Both these leagues provide regular match play, essential for player development. For the first time we shall be eligible to contest the finals of the NSW State League, thus adding the experience of competing in finals, another crucial step in player development.

The Esso Super League competition, with teams vying for the Prime Minister's Cup, was held during March/April. The 1990 format was consolidated along State-based lines rather than club teams. The Institute competed against: Brisbane K'Q's, WA Institute of Sport, Sydney Pulsar Panthers, Melbourne City and Adelaide Quit; the team was extremely competitive against strong opposition.

Both national teams are dominated by either current or former Institute scholarship holders. The same domination applies to the successful State teams of NSW and Victoria. These teams played off in the finals of both the open and under 21 age groups, with NSW taking off the double yet again. All Institute players return to their respective home state or territory, to play in the National Championships.

The highlight on the international scene was the success of the Australian team, winning gold at the Commonwealth Games and continuing this form with a resounding victory over the Kiwis in the Johnson & Johnson series in June 1990. Nine out of the ten players in the current Australian team are past scholarship holders, with the two successful newcomers in the Australian line up, Catriona Wagg and Sharon Finnan, the most recent scholarship holders.

The National under 21 team took part in the Johnson & Johnson series, playing the warm up

matches and recording some impressive wins. Five of the team are currently on scholarship, whilst two have been previous scholarship holders and the remaining five players have attended the Institute on a visiting scholarship basis. The team was coached by Jill McIntosh who also joined the Institute coaching staff on a short term contract to offset Wilma Shakespear's transfer to the Elite Sports Program.

The Institute further contributes to the development of Australian Netball through the National Training Camps for the open and under 21 teams and the National Talent Identification Program for the under 19 and under 17 squads. The Satellite Coaches program, to service the home training needs of National Open and under 21 team members, continued to operate in 1990. The appointed coaches were Elsma Merillo (WA), Margaret Caldow (VIC), Julie Francou (SA), Elizabeth White (QLD) and Carol Sykes (NSW). Satellite coaches co-ordinate fitness testing and monitor players fitness and skills programs, under the direction of respective national coaches.

For the resident scholarship holders, the highlight of the year was competing in the International West Indies Netball Festival, held in Trinidad. With teams from Canada, England, Wales and six other West Indian teams, there was an interesting range of playing styles. The Institute team registered some solid performances to qualify for the final against the strong Trinidadian Marvellites, a team which boasted three current national representatives and three ex-national representatives. The young Institute players matched the Trinidadians in most facets of the game but lost by two goals.

Plans to introduce Netball to China in 1989 were shelved due to the political problems in Beijing and are currently being renegotiated. A tour has been rescheduled for October 1990.

The Institute Netball program acknowledges the importance of their sponsors, Johnson & Johnson. Their assistance enabled us to undertake the West Indies tour. Similarly, we acknowledge the assistance of Mitre Balls and Dunlop Footwear, for their contribution of balls and footwear respectively.

Rowing

Current rowing scholarships are held from November, 1989 to October, 1990 when many of the athletes will compete in the first World Rowing Championships to be held in Australia.

In the second half of 1989 17 of the 25 scholarship holders represented Australia in the Senior, Senior B (under 23 years) or Junior ranks. Coaches Reinhold Batschi and Peter Shakespear coached a men's four and women's pair respectively at the World Senior Championships in Bled, Yugoslavia. The outstanding event for the Institute was the performance of the women's junior four.

An all Institute junior women's crew won Australia's first gold medal in world junior ranks and only the second gold medal won by a western block nation in the history of junior women's rowing. Institute junior women's coach, Ellen Randell, coached the second group of girls identified in the talent identification program, initiated in 1988 with the help of Dr Allan Hahn and his staff in the Sports Science Physiology Department. This follows on Australia's first medal — bronze — in 1988 from the original group.

The specific objective for the next three years leading up to the 1992 Olympics is to develop high performance Olympic rowers in line with the four year plan. Extra funding has allowed the Institute program to re-introduce sculling; former apprentice coach Paul Rowe now has responsibility for this area. The 10 men's sweep oar scholarships will be used to develop an Olympic eight squad initially from Senior B ranks in 1990.

The 13 women's sweep positions will, over the next two years, follow the maturing junior ranks through to the Olympics, opening more senior scholarships and retaining four junior positions to at least 1991. The new sculling positions will see younger scullers following a development path also. Evaluation of the Institute program will be made by various

domestic and overseas regatta performance indicators.

The 1990 scholarship holders provided an excellent evaluation in their domestic selection regattas after commencing training in November 1989. In a restructured season the Institute squad attended the National Selection regattas, the first being the Australian Championships in Tasmania, followed by two selection regattas and trials in Victoria. All of these regattas were rowed in difficult, windy conditions. The young men's sweep squad performed well with the season being dominated by a Victorian Mercantile crew, who were mostly 1986 World Champions and Institute scholarship holders in 1985 and 1986. The current men's squad was led by Bruce McWatt and Peter Murphy, who were always well placed in the pairs finals and combined with the other Institute rowers to feature two fours in all the finals including the National coxed pairs event (McWatt and Murphy).

The women's sweep program had a highly competitive season. New combination Andrea Coss and Kate Dearden won two of three pairs events and combined with Fleur Spriggs and Ballanda Sack to achieve similar results in the fours. Three National titles were won by this young squad featuring the previous year's World Champion Juniors, Anna McFarlane and Sam Stewart at 18 and 19 years winning the under 23 pairs event. World Champion Junior Courtney Johnstone, 19 years of age, was well placed in all open events with new partner, Jodie Dobson.

The new scullers were outstanding with Jenny Luff dominating the women's sculling all season and winning an amazing three national titles. Jenny was awarded the prestigious trophy of Best Performance of the Australian Championships. Jason Day, at 20 years of age, and despite stress fracture injuries stamped himself as a sculler of the future in his races with strong places, capped by a second in the last regatta against a strong and experienced field.

The junior women, although only required to compete for selection at the National Championships, again showed outstanding class in a competitive event. Their win in the fours national title was an achievement backed by a win in the junior double sculls and a first and second in the pairs event, with the second placing by the reserve pair of Thane Dumbrell and Fiona Sutherland. The winning four of Emy Snook, Fiona McCall, Emily Tidey and Margot Tidey had to battle an ACT combination coached by apprentice coach Paul Thompson. Paul's group, and the junior men's group coached by another former apprentice coach, Peter Lanigan, were an extension of the Talent Identification program which is assisted by the Institute and funded by a Sports Science Research grant. The idea of these groups was to establish a model based on the Institute junior group, but using athletes from ACT schools who had never rowed. The resounding success of their performance at the National Championships and their selection in the Australian team have demonstrated a successful formula for talent identification.

Selection trials in May 1990 resulted in all four coaches and 24 of the 27 athletes being selected in Australian crews. Individuals and Australian crews are as follows:

Men's eight: Bruce McWatt, Simon Spriggs, Nick McDonald Crowley, Simon Guerke, Robert Scott, Antony Hall, Reinhold Batschi (Coach) Men's four: Peter Murphy Men's Quad Scull: Jason Day

Women's eight: Andrea Coss, Jodie Dobson, Courtney Johnstone, Kate Dearden, Kaylynn Jorgensen Fry, Fleur Spriggs, Ballanda Sack, Peter Shakespear (Coach) Women's Senior B Four: Anna McFarlane, Samantha Stewart Women's Double Scull: Jenny Luff, Paul Rowe (Coach) Junior Women's eight: Thane Dumbrell, Fiona Sutherland, Fiona McColl, Emy Snook, Emily Tidey, Margot Tidey, Ashley Rundle, Ellen Randell (Coach)

Assistance to the national teams has been readily forthcoming in several areas as well as to those scholarship holders on national teams. Some athletes moving to Canberra for national team training have benefited by being included in the program with full scholarships. ACT

based National crews have the extended use of boats, the new weight training centre, coaching, sports science and medicine and financial support. Due to the large Institute contingent in the National crews, a high proportion of the rowing budget greatly assists the Australian Rowing Council in a direct manner.

The coaching network continues to extend into new areas. The National Coaches seminar and the Olympic Solidarity seminar required direct input from the Institute coaching staff, and the international coaching seminar of the world body (FISA) was attended by Ellen Randell in November, 1989. The significant feature for the future direction in coaching is the visit by Professor Theo Korner from East Germany for six months as a consultant to the Institute. Professor Korner is often hailed as the architect of the East German success in rowing, which has seen him directly involved with 74 gold medals from Olympic games and world championships. He will be a major asset to Institute and Australian coaching in the future. His position sees a temporary halt in the appointment of another apprentice coach — a scheme that has seen remarkable success. The last apprentice coach, Paul Thompson, followed his success with the talent identification group by accepting an appointment as Victoria's Director of Coaching Education in June 1990.

Rugby Union

In its first two years, the Australian Institute of Sport Rugby Unit has fulfilled its obligations to the Australian Sports Commission and to the Australian Rugby Football Union, achieving a significant role in each organisation. From this very strong base, Institute Rugby will contribute to the advancement of Rugby and is dedicated to enhance the performance of Australia's Youth Rugby players as well as the prestige of the Institute.

The initial phase of operation was difficult as the Institute Rugby had to be integrated into a Rugby organisation which was not designed to cater for an intensive development strand. Considerable effort was made to create the correct infrastructure as this will determine the long term success of the venture. Rugby administrators generally recognised the long term benefits and were keen to co-operate. As the Rugby Unit is jointly funded by the Institute and the Australian Rugby Football Union, delicacy was required to protect the interests of both parties.

On December 1, 1989, the start of our second year, sixty-six scholarships were awarded from 118 applications. This apparently large intake consisted of forty-five full scholarship holders who are given every assistance to realise their potential and twenty-one associates who receive less attention and fewer benefits.

Of the forty-five full scholarship holders, thirty-five represented their states at Under 21 level, five not being selected and five unavailable through injury. Eighteen went on to represent in the Australian Under 21 team against New Zealand. Included in that team were three players from the Southern States team, an increase of two from the 1989 Australian team. Twenty-four of the sixty-six athletes were selected in their respective state senior teams and six represented Australia in the full national side.

Institute Rugby competed in a "Seven a Side" tournament in Darwin in January, where the Institute team scored 270 points and allowed only 4 against on the way to becoming champions. At Redcliffe "Sevens", which was the final selection for the Australian "Seven a Side" team to play in the International Hong Kong "Sevens", we were beaten 16–14 by Souths Club of Brisbane. Souths, which contained four of our scholarship holders, were beaten in the final by Fiji, the current World Sevens champions. The Australian team which competed in the Hong Kong Sevens Tournament contained six scholarship holders.

The ARFU appointed both of the Institute Rugby Coaches as technical and tactical advisors to the National Coach of the Wallaby

team for its home series against France and its tour to New Zealand.

Squash

During the year we had 24 scholarships ranging in length from three months to a full year. New full time coach Ken Hiscoe joined Geoff Hunt and Jeff Wollstein in January, while at the beginning of 1990 Heather McKay reduced her consultancy to 10 weeks annually. The other expert consultants who contributed to our program were Sports Psychologist Ian Lynagh and assistant Brad Johnston, Physiologist Enid Ginn from the University of Queensland, Nutritionist Holly Frail, physiotherapist Julie Ross, Sports Medicine Doctor Simon Locke and activities advisor Pam Armstrong.

The senior players gave some very impressive performances during the year and continued to improve their world rankings. Danielle Drady had the most dramatic move in the women's rankings by moving up to number three. She reached many semis and finals of major tournaments and won the Canadian Open. Both Michelle Martin and Sarah FitzGerald played well in open competition to earn world rankings of eight and nine respectively. Like Danielle they were continually featuring in the quarter finals or sometimes semis or finals in the major overseas championships.

Of our men Rodney Martin once again excelled, reaching the final of the prestigious British Open for the third successive year and winning some other major events and thus establishing his world ranking at number five. However Rodney Eyles astonished everyone by reaching number 7 from 14 within a six month period. His best performance was perhaps winning the NSW Open by defeating Australia's number one and two players.

One of the most important events to occur in the year was at the World Teams Championship when Australia beat Pakistan to win the title for the first time in sixteen years. Although Rodney Martin was the only Institute player in the side, he beat Pakistani world champion Jansher Khan in the final to give the Australians a 3–0 victory. Other senior players to move up or establish world rankings included Adam Schreiber (26), Anthony Hill (35), Dean Mason (56), Mark Carlyon (67) and Carol Owens (50).

The Juniors within Australia featured strongly in the State and Australian titles with Robyn Cooper winning the Australian Junior Championship. As well, three of our junior women represented Australia at the World Junior Women's Championships with Carol Owens and Robyn Cooper finishing 3rd and 4th respectively.

Once again we had generous support from Stellar (Australia) our equipment sponsor, Puma for running gear and Dunlop for squash balls. We are expecting a continued improvement in the players next year with special attention being focused on the Women's World Open being played in Sydney. Our Institute players are strong contenders for this important event while our two top male players have chances of winning the world's two events namely the British and World Opens.

Soccer

In August 1989 the winter season of the National Youth League came to a close and the team finished in third place behind Marconi and Sydney Olympic. In the top four competition the team lost 1–0 to Sydney Croatia in minor semi-final.

The players did not have much rest at the end of the season as the first match of the National Youth League took place on 5 November and the competition continued until May 1990. The team finished the season in top position with 11 wins, 4 draws and 1 loss and scored 48 goals in the process. The team reached the Grand Final but lost 2–0 to Apia Leichardt. Unfortunately the players were involved in a National Youth Team camp for the week prior to the Grand Final which was detrimental to their performance on the day. It was particularly important, therefore, that the players took a fresh approach two days later when they had to play St George in the NYL

Cup Final. In an impressive display the team won 3–1 and finished the season on a high note. At the NSL Awards night Kris Trajanovski was voted the NYL Player of the Year. Kris scored a total of 33 goals during the league and cup matches and is destined for a big future in the game.

Following the hectic season from November 1989 to May 1990 the players had a very strenuous program from 22 May to 15 June. The team played 10 matches in 22 days in Hong Kong, China and Malaysia winning 9 and drawing 1.

From the 1989 squad Greg Dickinson and Steve Mautone joined Melita Eagles and Blacktown City respectively. All of the players from the 1989–90 squad have been involved in National Youth team camps in preparation for the Oceania qualification series in September 1990.

Ron Smith and Bruce Stowell (satellite coach) assisted Frank Arok with the Under 20 and Under 17 National Teams selection camps in February 1990 at the AIS. In May 1990 Eddie Thomson and Les Scheinflug were appointed National Coaches and camps for the National Youth Team were held at the AIS in May and June.

In September 1989 the first Elite Coaches Course was held at the Institute which was specifically for current or former National Team players. The coaches completed Part A of the Level 2 Coaching Award and in June 1990, due to the success of the first project, most of the coaches returned to the AIS to complete Part B of the Level 2 Coaching Award and Part A of the Level 3 Award. This coincided with another select group of current or former NSL and National Team players who took the whole Level 2 Award. Of the 32 players on the course some of the more senior players included ex-Socceroo captain John Kosmina, Joe Watson, Robbie Dunn, Steve O'Connor, Jeff Olver, Alan Davidson, Kenny Murphy and Graham Jennings.

Ron Smith, Course Director, had a host of coaches to staff the courses including Eddie Thomson (National Coach), Tim White, Les Bee, Carlos Buzzetti, John Ward, Steve Darby, John Gardiner (ASF Staff Coach and NSL Coach) and special guest Ron Tindall (Consultant with WA Department of Sport). Other AIS staff members who contributed to the success of the courses were John Crampton (Psychology), Dr Warren McDonald, Doug Tumility (Physiology), Harry Wardle (Weight-training) and Peter Blanch (Physiotherapy).

In January 1990, after nearly three years at the Institute, Gary Cole left to take up a new position with the Australian Sports Commission and ex-Socceroo Steve O'Connor was appointed as his replacement in April.

In January 1990 the soccer program had its first selection camp involving 34 players from SA, Vic, Qld, and NSW. The players were on trial for scholarships to be offered during 1990 and 1991. Apart from assessing the playing ability of the select group, the players were given an extensive battery of tests to determine a physiological profile. Testing conducted over the past three years, with the help of Doug Tumility and Alan Hahn, is providing very useful information that may assist in the prediction of players most likely to succeed at international level. Selection of players in the future will be influenced by their performance indicators. To this end the satellite coaches have assisted Ron Smith with the organisation of trials within their state and are to be thanked for their continued support.

The program has been sponsored again by Adidas who have provided clothing and tracksuits, Mitre Sports who have provided footwear, balls and accessories and Reusch who have provided goalkeepers clothing and gloves. The continued support from the sponsors is greatly appreciated by the coaches and players.

Swimming

During 1989, the Australian Institute of Sport swimming team was represented by seven men and five women on the Australian swimming team to the Pan Pacific Swimming Championships in Japan. This represented fifty per cent of the current Institute scholarship holders and approximately thirty per cent of

the total Australian team. Coach Bill Sweetenham enjoyed having every swimmer he coached, with only one exception, make the team. The Australian team on this occasion also included six past Institute scholarship holders.

1989 was the first year of the Talent Identification Program with 22 athletes and four non-Institute coaches attending a camp in Canberra from 17–23 December, under the direction of Institute talent co-ordinator and Assistant Coach for men's swimming, Mr Bill Nelson. Coinciding with this, twelve swimmers worked with Head Coach Bill Sweetenham and Dr Ralph Richards of the South Australian Sports Institute in Adelaide immediately following the National Championships and Selection Trials for the Commonwealth Games. Twelve other swimmers were involved in this scheme throughout the year. Non-resident development scholarships were awarded to Jenny McMahon, Lorayne Botwood and Debbie Mason in 1989.

Extensive sports science testing and profiling was carried out on all involved in our National Talent Identification Program. Assistance was also given to swimmers Rob Woodhouse, Jackie McKenzie, Rod Lawson, Simon Upton and Ian McAdam through the Institute Associate Scholarship Program.

The National Championships and Commonwealth Games Selection Trials in Adelaide in December saw the Institute provide eleven members for the 1990 Commonwealth Games team for Auckland. The Commonwealth Games swim camp for Australia was held in Canberra prior to the Games and Coach Bill Sweetenham represented the Institute staff on this tour. At the Games the current scholarship holders medal tally of 5 gold 2 silver 5 bronze was a most rewarding result.

The Coach Education Program also worked extremely well in 1989–90 with over 20 coaches attending our annual coaching clinic and both scholarship coaches, Peter Willis and Stephen Hill, profiting greatly from their Institute residential experiences.

The Institute team competed in the Vancouver Canada Cup in May 1990 and won the Men's Championship Team Award. Sheridan Burge-Lopez, Karen Lord and Donna Procter competed at the World Cup Meet in London in January and headed the women's point score at this Meet. Institute resident scholarship swimmers won 25 National Open Championships or National Selection Trial events and 9 National Age Championships during the period July 1989 to June 1990.

The men's team under the direction of coach Bill Nelson competed in the Vancouver Canada Cup in May and were successful in winning the men's point score trophy. Along with Canadian teams the meet was attended by the Swedish team and many US swimmers. The outstanding swims for Australia came from Mark Ikin in the 200IM (1st) 2:08.79 and Simon McKillop Davies (2nd) 2:02.79 in the 200 fly. On completion of the Canada Cup the AIS men's team visited Victoria on Vancouver Island, site of the 1994 Commonwealth Game which allowed the team the opportunity to familiarise themselves with the Island and associated facilities. The team then travelled to Hawaii for three days of research and biomechanical filming at the Aquatic Research Laboratory at the University of Hawaii with Dr Jan Prins.

Robert Bruce, Dominic Sheldrick and David Wilson attended a short training camp at the University of California at Berkeley which allowed them to participate in the Santa Clara Meet, Mission Viejo International and the LA Invitational meets. Coach Ralph Richards accompanied the men on much of this tour. Rob Bruce stayed on and competed in the Goodwill Games. This exercise provided great training and competition for those involved and further develops our exchange program with coach Nort Thornton and the University of California at Berkeley (home base of Matt Biondi). The women's team, with coach Gathercole, also participated in the Santa Clara Meet with Michele Von Kotze making a significant breakthrough in her first open international. The women's team trained at a

high altitude camp in Alberquerque, New Mexico and returned to compete in the South Australian Short Course Championships in Adelaide.

The men's team went to Victoria on the weekend of 28th July and competed in the Nunawading Winter Meet. In addition, our men's team competed at the Queensland Winter Championships and all NSW team members competed at the NSW Winter Championships. Our team enjoyed great success and solid swims at both meets. The team also competed at the Qld vs NSW Meet in Brisbane, the AIS Speedo Sprint Meet, and then the Computer One Kippax Meet. These competitions ensured that our team members had race fitness before going into the World Championship trials.

The Swimming Program thanks Speedo Knitting Mills for their much valued support in 1989–1990. The Team achieved 12 World Ranked Performances in the Annual World Ranking List.

Track and Field

The Institute has continued to rationalise its track and field program with the appointment of Coach Tudor Bidder in Perth. The track and field partnership with the Western Australian Institute of Sport was made possible by Federal Government funding. Coach Bidder has already included other Perth coaches in his program to service athletes living in Western Australia.

In Adelaide, high performance Coach Fletcher McEwen resigned to take up the position of Director, IAAF Oceania Region, in April 1990. He was replaced by leading Adelaide Coach Graham Boase in July. A strong partnership continued with the South Australian Institute of Sport. Commonwealth Games Gold Medalist Simon Arkell joined fellow pole vaulter, Tim Foster, on scholarship in Adelaide.

The Queensland Government, together with the Brisbane City Council and the Queensland Athletic Association, joined in partnership with the Institute to establish a Track and Field Unit at Queensland QEII Athletic Stadium. In December, 23 Queensland athletes in the National squad were recognised as Institute athletes and will receive various types of assistance, including equipment, travel, and sports medicine support. Leading world ranked discus thrower Daniela Costian is on full scholarship in Brisbane.

Coaches Efim Shuravetsky and Norm Osborne, with the assistance of National Coach Tony Benson, continued to develop a very large squad of athletes and coaches at Olympic Park in Melbourne and also utilised the training facilities of Melbourne Grammar School. There are three residential scholarship holders in Melbourne — David Culbert (Long Jump), Sharon Stewart (800 metres) and Brendan Tennant (Decathlon).

Canberra is the core of the Institute Track and Field Program. In Canberra, under Coaches Pat Clohessy, Merv Kemp and Craig Hilliard, we cater for scholarships in distance running, throws, race walking, multi-events and hurdles. Our race walkers are the strongest group in the world under Coach Hilliard, with world rankings by Simon Baker first in 50 km, Nick Ahern fourth in 20 km, Andrew Jachno tenth in 20 km and Kerry Saxby, the greatest woman walker of all time. Coach Hilliard also coaches Institute athlete, Jane Flemming, who was ranked second in the world in the Heptathlon.

Pat Clohessy is building up a very strong group of distance runners in Canberra, providing assistance and advice to many of Australia's leading distance runners living in or visiting Canberra. His "Distance Running Update" which is distributed around Australia provides a very useful update on race results, rankings, and current information.

Coach Merv Kemp led a high performance group of Institute throwers, including athletes from Adelaide and Melbourne to the Robin Tait International in NZ in January 1990. He also brought into Canberra the leading national throwers for training camps. The Institute "Thrower Magazine" edited by Merv Kemp is widely read by leading coaches and throwers

throughout Australia. Numerous members of the various national squads visited Canberra for training and sports medicine/science.

The Institute's track and field coaches all hold important positions in the National Coaching structure. The Institute has also officially involved 23 other Australian coaches through its Elite Coaches Assistance Scheme, which further enhanced the activities of the Track and Field Unit. Each of these coaches received a grant, some as high as $5 000.

The Institute National Coaching Information Program which provides a source of information on coaching, continued to flourish under Coach Jack Pross. This program is conducted from Sydney in conjunction with the Australian Track and Field Coaches' Association and the Commission's National Sport Information Centre.

The Institute also assisted athletes in other national squads with accommodation in Canberra and access to training facilities and sports medicine. Approximately 100 high performance athletes were assisted by the Institute this year with competition, travel, and other support.

The Gary Knoke Memorial Scholarship, in memory of a great athlete and Institute Coach, was awarded to Paul Greene, Australian Under 18 400m record holder and finalist in the Commonwealth Games 200m.

Institute athletes on scholarship competed in a number of high level international competitions this year including the Universiade, World Cup, Commonwealth Games, European Race Walking Circuit, European Grand Prix and World Cross Country Championship.

The Universiade is ranked third only to the Olympic Games and World Championships in high performance meets. The last time Australia won a medal at the Universiade was in 1967 when Ralph Doubell won gold in the 800m. In 1989 at Duisberg, West Germany, Australian athletes won three bronze medals — Andrew Jachno 20 km Walk, Simon Doyle 800m and Jane Flemming Heptathlon. All three athletes are Institute athletes. The team was managed and coached by the Institute's Bowman, Hilliard and Shuravetsky.

At the Commonwealth Games, Australia had enormous success in track and field. Institute scholarship holders and Olympic squad members assisted by the Institute who won medals are listed in the table on the following page.

Nick A'Hern was the most outstanding of our male race walkers in the European Walking Circuit, reducing his personal best for the 20 km to 80:18.5 which ranks him fourth in the world. Kerry Saxby broke three world records this year, which brings her total to 29 world records. She won all four Grand Prix races with a world record over 10 km at Softeland, Norway, in 42:25.2. Kerry also won ABC Sportstar of the Year, the Confederation of Australian Sport Award for female athletes and received the American Athletic Federation Award for the Oceania region. In the World Cross Country Championships, Sue Hobson was the best Australian result with 18th place.

The Track and Field Unit was proud to be the first Institute sport to provide a scholarship to an athlete with a disability. Russell Short, aged 19 years, who is in the visually impaired class was coached by Merv Kemp. Russell continued his improvement into 1990 breaking the world record twice for the B2 class discus.

Institute Drug Offensive Athletic Clinics which attracted hundreds of young athletes were conducted in Launceston, Kalgoorlie, Wodonga, Mount Gambier, Alice Springs and Darwin. The Institute Track and Field Unit also conducted Drug Offensive Sports Camps in conjunction with the Illawarra Institute of Sport and Hunter Institute of Sport.

Institute Pole Vault Centres, under the co-ordination of Institute Pole Vault Coach Alan Launder, were created at Perth, Adelaide, Melbourne and Brisbane. A large amount of equipment has been purchased for these Centres.

The Australian Institute of Sport Track and Field Program is now an integral part of Athletics Australia's national athletic plan which is geared to assist high performance

Australian Institute of Sport Scholarship Holders

Women

Jane Flemming	Heptathlon	Gold
	Long Jump	Gold
Kerry Saxby	10 000m Walk	Gold
Lisa Marie Vizaniari	Discus	Gold
Kerry Johnson	4 x 100m Relay	Gold
Tani Ruckle	Marathon	Silver
Sharon Stewart	4 x 400m Relay	Silver
	800m	Bronze
Kerry Johnson	100m	Silver
	200m	Silver
Astra Vitols	Discus	Bronze

Men

Simon Arkell	Pole Vault	Gold
David Culbert	Long Jump	Silver
Andrew Jachno	30km Walk	Silver

Institute Olympic Squad Members

Women

Lisa Martin	Marathon	Gold
Kathy Sambell	4 x 100m Relay	Gold
Maree Holland	4 x 400m Relay	Silver
Debbie Flintoff-King	400m Hurdles	Silver
	4 x 400m Relay	Silver
Susan Andrews	4 x 400m Relay	Silver
Sharon Jaklofsky-Smith	Heptathlon	Silver
Jenny Laurendet	400m Hurdles	Bronze
Kate Farrow	Javelin	Bronze

Men

Darren Clark	400m	Gold
Andrew Lloyd	5 000m	Gold
Sean Carlin	Hammer	Gold
Stephen Moneghetti	Marathon	Silver
Werner Reiterer	Discus	Silver
Paul Nandapi	Discus	Bronze

athletes and coaches throughout the nation. This year has seen a total national program take place involving the Institute, Athletics Australia with its State Associations and all State Governments through their Departments of Sport and Recreation and State Institutes of Sport.

The Institute Track and Field Unit is extremely grateful to the National Campaign Against Drug Abuse, Seiko, The Australia Day Sports Committee, Coca Cola, Adidas and other sponsors. We thank Athletics Australia and its State Athletic Associations for their assistance over the year.

Tennis

The Institute's tennis program, with the support of McDonald's Junior Tennis Australia, has had another successful and progressive year. Current Institute athletes and past graduates are dominating not only the Australian Junior rankings but are also heading senior rankings. Four year scholarship holder Richard Fromberg, who graduated from the Institute program in January 1990, is currently the highest ranking Australian player. His world ranking at the time of writing this report is twenty five. Current scholarship holder Todd Woodbridge has had recent wins over world top ten player Michael Chang and Australian Davis Cup players Wally Masur and Mark Woodforde.

Although still juniors, Kristin Godridge and Kirrily Sharpe have made significant progress in senior ranks. Kristin has improved her ranking to 142 while Kirrily has moved from 470 to 153. An outstanding result was achieved by Kristin in reaching the quarter finals of the Queensland Women's Open. She defeated two players ranked in the top fifty. Kirrily qualified for and won two rounds of the 1990 French Open. In the second round she defeated Reggi (Italy) who was ranked 19 in the world at the time.

These highlights were reinforced by many notable achievements in junior tennis. Kirrily Sharpe was runner up at Wimbledon juniors in both singles and doubles (with Nicole Pratt). Jane Taylor won the NSW junior singles while Kristin Godridge won the MJTA National Championships. Nicole Pratt was runner up in the prestigious Astrid Bowl in Belgium. In junior boys, Joshua Eagle was a semi finalist at Wimbledon and won the MJTA National Championships. Grant Doyle although only 16, was runner up at the South Australian junior championships and performed consistently well in junior boys events over the summer.

In satellite events Richard Fromberg won both the Queensland and Victorian circuits and Todd Woodbridge won the Challenger events in Brisbane and Hobart. Kirrily Sharpe had an outstanding satellite circuit in early 1990. By winning tournaments in Adelaide and Newcastle Kirrily finished first in fields which included several overseas players. Rennae Stubbs was runner up in the $25,000 Victorian Women's event while Jane Taylor was a semi finalist in the same event beating Federation Cup player Janine Thompson.

In overseas satellite events, Kirrily Sharpe was a semi finalist at both Swansea (Wales) and Bournemouth (England). She won the doubles in both of these events with Nicole Pratt. Catherine Barclay was runner-up in the doubles of these tournaments.

The tennis program at the Institute is part of the national junior development program and is jointly funded by the Australian Sports Commission, Tennis Australia and McDonalds Family Restaurants. The Institute tennis program pays tribute to Ray Ruffels who retired from the position of Head Coach in January 1990. Ray had been the Head Coach since the beginning of the Institute in 1981. During this period the program has developed from one with no courts and basic facilities to a program with six outdoor and four indoor courts with modern sports science and medical backup. It is recognised throughout the world. Ray's dedication and hard work were an inspiration not only to Institute athletes but to Australian tennis in general. Chris Kachel joined the staff as Head Coach in April 1990.

Volleyball

Volleyball is a joint project of the Institute, the NSW Department of Sport, Recreation and Racing and the Australian Volleyball Federation. The scholarship holders in the Institute program are the members of the National Senior Men's Team. The program began on 1 January, 1990.

In terms of the initial objective of obtaining the services of the best possible players for a National Team program it is pleasing to report that we were able to draw all but one.

Six three-month trial scholarships were offered and accepted. A system of visiting scholarships was instituted in order to bring in promising athletes for 10 — 14 day periods.

The purpose of these scholarships is to permit assessment and subsequent guidance of the athlete and to allow the athlete to gain first-hand insight into the life of a full time athlete.

Both full time coaches attended the National Junior Titles in Brisbane at Easter with the purpose of identifying promising athletes in the junior ranks. A talent identification camp for athletes identified at this event is planned for December.

The Institute Volleyball Unit is located in the office of the Australian Volleyball Federation. This situation facilitates the integrated approach necessary to co-ordinate a full time National team program. Club Oz, a joint venture between AVF and the Vince Hickey Corporation, outfits the team with all Institute identified training apparel, official National Team uniforms for use within Australia and a range of leisure wear. In return the team acts as the primary marketing focus for the Club Oz range of apparel. This sponsorship is valued at approximately $30,000 per annum.

The team has signed a three year deal with Mizuno which guarantees the supply of all official uniforming for sanctioned international events as well as playing and running shoes, volleyballs and additional accessories such as ball bags and ball trolleys. This sponsorship is valued at approximately $90,000 per annum.

Skills training is comprised of five team sessions per week of 3 1/2 — 4 hours duration on week day mornings. Physical conditioning consists of an intensive weight training program and a program of interval training done three times a week. The sports psychology program involves regular sessions on both a team and individual basis.

Staff at the nearby Cumberland College of Health Sciences are able to cater adequately for our physiological testing and physiotherapy needs. Physiotherapist Andrew Hughes has developed a close relationship with the team, dealing with all our injury problems. Andrew has also been particularly helpful in finding two excellent students to assist with strapping and massage needs at the training venue. Other medical requirements are met by Dr Greg Blight who as coach is ideally suited to deal with immediate minor needs and Dr Stuart Watson of Narrabeen Sports Medicine Clinic who acts as the program's Medical Co-ordinator.

As the program is a full time National Team Program the competitive program represents a major component of the yearly schedule. The objective is to play 60 — 70 international matches each year. Up to 30 June 1990, 28 have been played for a 13/15 win/loss record.

The Tasman Cup, a nine match series against New Zealand played in centres between Sydney and Brisbane, demonstrated the benefit of a program fully intergrated with the Australian Volleyball Federation. In addition to providing the team with its first nine international matches, this tour also worked as a powerful promotional tool in taking international Volleyball to regional centres. Along the way both teams co-operated in making promotional visits to local schools. The series, won 5 — 4 by Australia, culminated in Brisbane on the eve of the National Junior Titles allowing some 450 State Junior players to see their National Men's Team in action.

Korean Air company team (Korea Div 1) visited for a seven match series played in Melbourne, Albury, Canberra, Sydney and Brisbane. Although KAL won the series 4 — 3 the Australian team notched up its first ever victory against a top Division 1 team from one of Asia's big three (Korea, Japan, China).

The team's first overseas trip covered tournaments in Thailand and India. The Thailand Open event resulted in a loss in the final to Royal Thai Airforce (basically the Thai National Team) after three wins. The India Gold Cup produced losses against India Juniors and Dynamo Lugansk (USSR Div 1) and a win against Egypt.

In the Asia Pacific Cup in June a win/loss record in this event of 1/4 was neither expected nor satisfactory, but the experience galvanised the team's resolve to train better, harder and longer to achieve our objectives.

In the Mizuno Cup four very good victories over the Chinese National Champions came

after a big step up in training intensity which followed the poor performance in Japan. The wins on this tour came at a good time being immediately prior to the team's Australia Cup commitment against NEC. The team's performance in this series indicated that it is ready to take on the Chinese National Team (currently ranked third in Asia).

NEC are currently the number two team in the Japan League and as such are one of the strongest club teams in Asia. Although the team did not manage to take a match against this powerful opponent, or in fact a set in the last three matches of the Australia Cup competition, this series undoubtedly produced the best quality volleyball yet seen from an Australian Team. The team was able to be truly competitive with NEC for two sets of each match, including two set losses by the closest possible margin (16 — 17). Despite the heartening performance, the series put the team's improvements in perspective with plenty of ground still to be made up before we can better the top teams in Asia.

The Perth Super Series was a round-robin format competition involving NEC, Sri Lanka, Indonesia, India and the WA Institute. The tournament gave the team an excellent chance to play some of our Asian neighbours on home turf as a lead in to next year's Asian Championships in Perth. The team's performance was very pleasing from the point of view that it defeated all opponents except NEC very convincingly. The final match up against NEC proved a little disappointing by comparison with the first battle against them in the Series opener but the second place finish was a good close to the major competitive season for 1990.

The Volleyball Olympic Jobs Opportunity Program was conceived to allow athletes to develop career skills while being part of the program. Ideally employers would provide flexible employment arrangements permitting players to train and compete while providing a full income. To date, the reality is that while a number of employers have been prepared to employ athletes on a flexible part-time basis, no full VOJOP style jobs have been found outside the Federation. Currently eight athletes have part-time or casual jobs with employers conscious of the need for flexible arrangements, while one is employed full time by the Federation.

Water Polo

The prime aim of the water polo program is to provide Australia with international standard water polo players for the men's National teams, both Junior and Senior. Consequently the Institute is the National Training Centre for Water Polo in Australia. Last year all National Water Polo teams ran camps at the Institute and fully utilised the Institute's scientific, medical and coaching staff and resources. The Institute water polo program has assisted State Associations to conduct coaching programs for players in elite squads. In 1989–90 the Institute assisted programs in Queensland, New South Wales, Western Australia and Victoria. These programs will continue in 1990 and assistance will be extended to South Australia and Tasmania.

Australian Senior and Junior Teams over the past twelve months have included many Institute scholarship holders. Outstanding results for the Australian men's team included the defeat of the Soviet Union for first time in Australia's water polo history, and a silver medal at the Four Nation Tournament in Sevilla, Spain. The defeat of the dual Olympic silver medalist, the United States, in the World Cup and an improved ranking to 7th, and a clean sweep against the 10th ranked Chinese in the Speedo Cup in Perth in February, 1990 were further highlights.

The Institute Squad was runner-up in the Melbourne Cup Challenge (defeated by the Australian Champions, Victoria, after two periods of extra time with a score 12–11), and runner-up in the Institute Cup (defeated 10–9 by the very strong Richmond Club, containing six National team players — all former Institute players).

The Institute assisted with coaching clinics

for level 1 and level 2 candidates. International coach Boris Popov (Head Coach, USSR) was invited to work with the Institute water polo program. Popov also conducted seminars in Sydney, Melbourne, Perth and Canberra, which included members of National teams and junior elite men and women players.

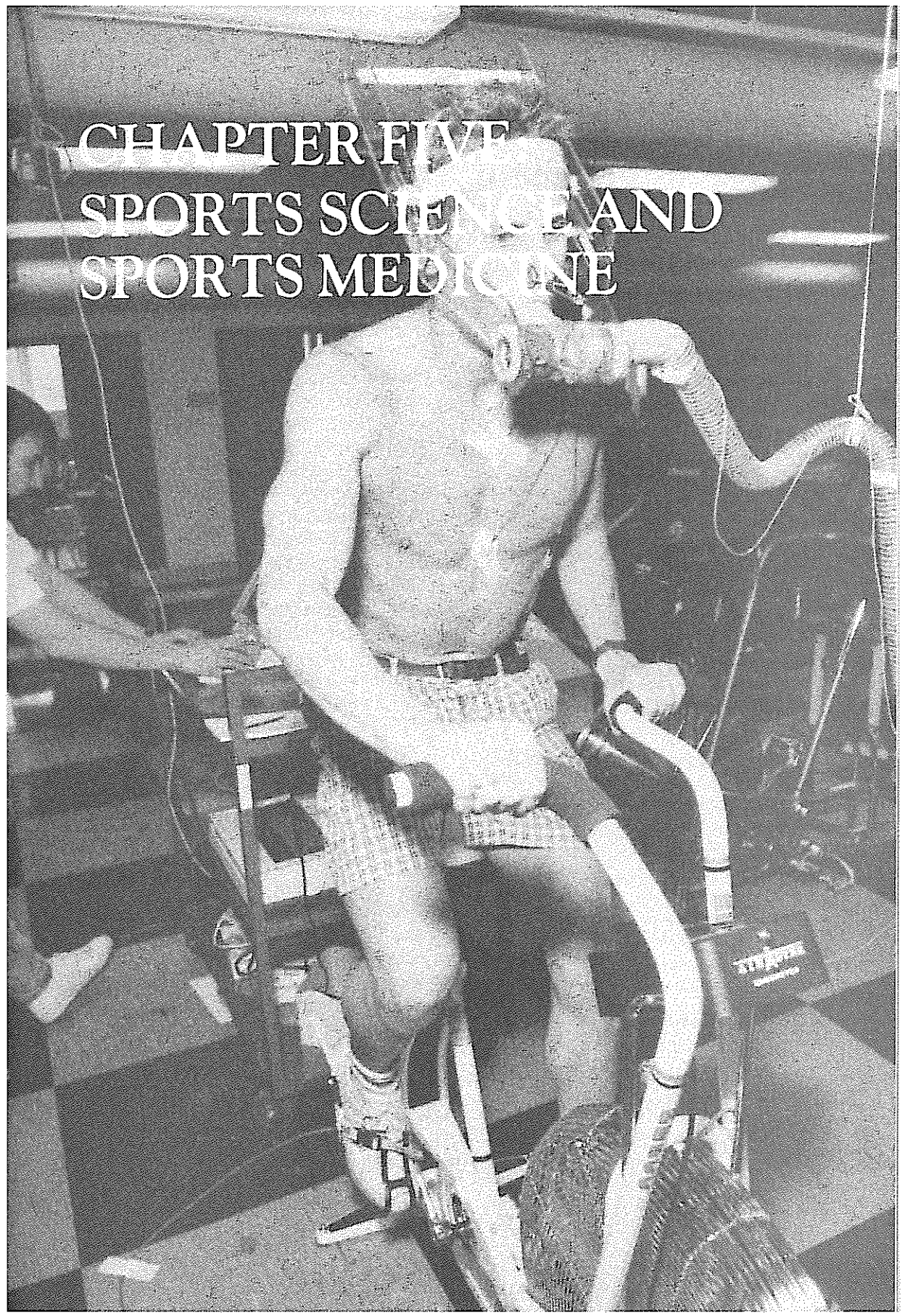
Each year the Institute invites the Australian schoolgirls and boy's teams to attend a camp in Canberra. The Institute also helped in the running of the Under 16 and Under 18 East Coast Challenge for boys and girls, which was held at the Bruce Pool in Canberra.

The Institute recognises that it is not possible for all outstanding athletes to accept full-time scholarships to attend the Institute. Last year, visiting scholarships were provided to a number of junior and senior players to attend the Institute. In order to be considered for an Institute Associate scholarship players must have been selected in the Australian National Men's Squad.

From April to June, 1990 the Australian Water Polo Association conducted its first National League Championship. Institute scholarship holders were permitted to play for their home clubs, where they had one. Scholarship holders who did not belong to a National League Club were drafted to weaker clubs to assist their campaign.

The education of the athletes and their career training are a high priority at the Institute. All programs are carefully designed to allow athletes to pursue their chosen fields. The Institute assists by providing tutors, and study sessions are conducted four evenings a week. The Program is proud that a number of its athletes who have left school in their home towns have chosen to recommence their schooling at the various educational establishments in the A.C.T.

In addition, a high percentage of the water polo athletes gain tertiary qualifications, and we are proud to announce that the 1989 Education Award went to Ian McInnes, after graduating from the Canberra School of Arts (ANU) with a bachelor's degree in fine arts — ceramics.



CHAPTER FIVE
SPORTS SCIENCE AND SPORTS MEDICINE

CHAPTER FIVE: SPORTS SCIENCE AND SPORTS MEDICINE

Objective:

The objective of the Sports Science and Sports Medicine Program is:

- to provide sports medicine and sports science services to persons participating in programs of the Commission, in particular to residential AIS athletes and visiting athletes under the National Sports Program; and to undertake applied research and development related to sports science and sports medicine.

Overview

The Commission, under the banner of the Australian Institute of Sport program, provides outstanding sports science and sports medicine support services to complement the coaching and training of Australia's elite athletes.

The fields of expertise available under this program are:

- Sports Medicine;
- Physiotherapy;
- Sports Psychology;
- Biomechanics; and
- Physiology and Applied Nutition.

Each area provides direct services to athletes and coaches in both the Residential Sports and the National Sports Programs. In addition, practitioners in each area are involved in applied reseach projects aimed at improving sporting performance.

Administration

In addition to his role as Director of Medical Services, Dr Peter Fricker was the administrative Co-ordinator of Sports Science and Sports Medicine. In May 1 1990, Dr Ross Smith was appointed by the Commission to undertake the duties of Director of Sports Science and Sports Medicine as the role of these programs expands to meet the needs of elite athletes at the AIS and the wider national level.

The AIS Ethics Committee, under the Chairmanship of Hon Mr Justice John Gallop, met on two occasions to consider ethical implications of six proposed projects in the applied research area.

Members of the Ethics Committee were:
Hon. Mr Justice John Gallop
Rev Dr James McPherson
Dr Diana Kendall
Mr Fulton Muir
Dr Peter Hannaford
Dr Phillip Barraclough

The AIS journal EXCEL continued to be published on a quarterly basis under the direction of Editors-in-Chief Dr Fricker and Dr Dick Telford and Managing Editor Lisa Wallace. Articles presented in the journal outline the nature of the applied research carried out in sports science and sports medicine and it continues to receive international recognition for its contribution to the body of knowledge in sports science and sports medicine.

The workshop, under the direction of Mr Martyn Smith, facilitates the repair and maintenance of electronic and mechanical equipment. In association with science and medical personnel, together with technical officers from each of the departments, the workshop designs, develops and constructs equipment for applied research, as well as providing technical advice on the purchase of specialised equipment. In the past year, the focus of the work has been on the development of items such as strain gauge running blocks for biomechanics, automatic gas manifold system for physiology, audio visual system for float tanks in psychology and rowing test rig for physiology.

Sports Medicine

Residential Program

The comprehensive medical service to AIS athletes and coaches in the AIS Residential Sports Program, and for visiting athletes and coaches in the National Sports Program (NSP), has continued to enhance the performance of elite athletes. This involves the rehabilitative treatment of athletes as well as seeking to find answers to medical problems through applied research. The medical staff work closely with personnel from other disciplines and in particular those in the Departments of Physiotherapy and Massage. In the sport of swimming for example, the incidence and degree of shoulder tendonitis has been reduced by the modification of stroke technique under the guidance of the Physiotherapy staff. The medical staff assisted AIS athletes, not only whilst in Canberra, but also on selected competition tours in Australia and overseas.

National Team Support

Throughout the year, the medical area supported many of the national squads in their preparation for international competition. This occurred through the NSP with an increased number of athletes seeking assistance, and in particular in the lead up to the Commonwealth Games. Dr Fricker was accredited as the medical officer for the Australian Gymnastics team at the Games. Dr Rob Reid accompanied the AIS/ARFU Under 21 Australian Rugby Union team on its domestic tour leading up to a Test with New Zealand.

Conference Attendance

The staff of Sports Medicine continued to attend and present information at both Australian and international conferences. The staff attended the conferences as listed below:

- Dr Peter Fricker — International Olympic Committee Sports Science Congress, Colorado, Springs, USA and the Annual Conference of the ACSP.
- Dr Rob Reid — Commonwealth and International Conference on Physical Education, Sport, Health, Dance, Recreation and Leisure, New Zealand.

Community Services

Dr Fricker and Sue Beasley RN continued to provide medical support for the National Basketball League team, the Canberra Cannons. Dr Reid served as the medical officer for the National Women's Basketball team, the Canberra Capitals, and is an honorary doctor for the ACT Hockey Association Senior and Under 21 teams.

Applied Research

The work of the Sports Medicine Fellow provides a focus for applied research under the direction of the medical staff. Scholarship holder, Dr Kath Gaffney, investigated the effectiveness of two different exercise regimes for anterior knee pain while Dr Warren McDonald investigated the changes in immune parameters in elite swimmers as a result of training. Dr Fricker continued his study in osteitis pubis and Dr Reid investigated the injury profile of female rowers at the AIS, with all projects being processed through the AIS Ethics Committee.

International Exchange

The Centre was fortunate to have Dr Jost Schnyder from Switzerland visit the AIS for six weeks; he undertook collaborative study with Dr Fricker in the development profiles of gymnasts. Dr Walter Frontera, Director of the Puerto Rico Olympic Training Academy and resident medical officer, also visited the Institute.

Physiotherapy

Residential program

The Department provided a comprehensive physiotherapy and massage service to athletes under the AIS and NSP programs. Its role is to provide for the care and rehabilitation of the athlete, the prevention of injury, education of

athletes and fellow professionals, as well as applied research in related areas. The service to athletes, particularly those who visited the AIS in the NSP program, and the range of expertise and specialisation offered to athletes, was enhanced by the addition of one member of the physiotherapy staff and two massage therapists.

National Team Support

The Department has been heavily involved in supporting national teams. The highlight of the past year was the involvement of Mr Peter Stanton, Mr Barry Cooper and Mr Wayde Clews working with the Commonwealth Games team.

Conference Attendance

- Mr Craig Purdam; Paavo Nurmi Congress, Finland.
- Mr Peter Stanton; Motor Skills Learning, Federal Republic of Germany.
- Mr Henry Wajswelner; Biennial Conference MTAA APA Conference, Hong Kong.

Community Services

The Department continues to provide tuition to undergraduate students of physiotherapy and massage from Cumberland College of Health Sciences (Sydney), South Australian Institute of Technology (Adelaide), Lincoln School of Health Sciences (La Trobe University, Melbourne) and the Royal Melbourne Institute of Technology. In December 1989, the AIS hosted the inaugural Advanced Course in Sports Physiotherapy organised by the Australian Physiotherapy Association Sports Physiotherapy Group.

Applied Research

The work of the unit included the investigation of shoulder stabilisation and function in swimmers, an investigation into the physiological and psychological effects of massage, and an investigation into factors predisposing to lumbar pain in rowers.

Sports Psychology

Residential programs

The AIS programs and the NSP were serviced by the sport psychology staff using a team-based approach to enable athletes and coaches to benefit from the wide range of skills and expertise of the staff. This work consists of performance enhancement, mental skills training and individual psychological welfare programs.

A key area of athlete education was the development of time management skills as athletes are required to balance the demands of their sport with work or school commitments. In addition, senior athletes were introduced to a 'transition to retirement' program to help them cope with the problems of adjustment after sport.

National Team Support

The preparations for the Commonwealth Games provided a major focus for the Department. Jeffrey Bond worked with the Swimming team and Chris Horsley assisted the national Women's Hockey team at the World Cup in Sydney, as well as accompanying the national Waterpolo team on its overseas competition tour. John Crampton continued to work with the Men's National Volleyball team.

Conference Attendance

Conference activity for the department involved major presentations by:

- Jeffrey Bond; World Sport Psychology Conference (Singapore), the first IOC Congress on Sports Science (Colorado Springs, USA), and the National Tennis Seminar (Melbourne).
- Chris Horsley; International Hockey Coaches Seminar held in conjunction with the 5th World Cup Hockey Tournament in Sydney.

Mr Bond was invited to join the Organising Committee on Psycho-social Sciences for the IOC Congress on Sport Sciences.

Community Services

Amongst numerous contributions to the literature through publications in international and national journals and sporting magazines, perhaps the most significant have been the publication by the ASC/AIS of a sport psychology book edited by Jeffrey Bond and John Gross (Canberra University), and a major contribution describing the development of Australian sport psychology which was published in the inaugural edition of the Journal of Applied Sport Psychology.

The Australian Applied Sport Psychology Association (AASPA) has contributed greatly to the continued growth of applied sport psychology in Australia since its establishment by the staff of the AIS Sport Psychology Department. The department maintains its active involvement in AASPA through the various AIS centres throughout Australia as part of its ongoing commitment to the provision of high quality resources to Australian sport.

Applied Research

The major thrust of applied research is in the area of the use of flotation tanks. Mr Jeffrey Bond and Mr Mark Spargo have investigated the effect of flotation tanks on mood states and it is intended to extend applied research in this area. This work will complement the work by Dr Peter Suedfeld from the University of British Columbia, Canada.

International Exchange

Amongst the many national and international visitors to the Sport Psychology Department were Guillermo Peres (Spanish High Performance Centre, near Barcelona), Dr Daniel Gould (University of Illinois), Dr Len Zaichowsky (University of Boston), and Dr John Albinson (Queens University, Canada). Dr Albinson joined with the staff in a study of the stresses experienced by AIS residential athletes in Canberra.

Biomechanics

Residential programs

The Department of Biomechanics provides support to coaches in the area of technique enhancement and equipment evaluation. Biomechanics also assists the medical practitioners and physiotherapists with evaluations of an athlete's technique in relation to the possible causes of repetitive stress related injuries. This helps evaluate the need for and type of orthoses to aid recovery and can provide an evaluation of the effect of prescribed orthoses on treatment. Biomechanics is a measuring science which is capable of providing a quantitative and objective analysis of activities which happen in a very short period of time. Such an analysis is needed to enable the coach or doctor to identify adequately the factors which take place during the athletic performance. Analysis is based on measurements computed by high speed computers and sophisticated graphics devices. The major objective of the Biomechanics Department is to provide a service to AIS residential sports and the National Sports Program; to provide the answers to questions raised by coaches about elite Australian athletes; to carry out applied investigative research; and to provide information gathered at the AIS for the benefit of the general Australian sporting community.

Conference Attendance

- Dr Bruce Mason; Commonwealth and International Conference on Physical Education, Sport, Health, Dance, Recreation and Leisure which was held in conjunction with the Commonwealth Games in Auckland and he presented a paper titled 'Intrastroke Velocity and Acceleration Variations in Elite Breaststroke Swimmers'.
- Biomechanists from institutions around Australia attended a workshop conducted by AIS biomechanics in late April to organise the biomechanical servicing of the AIS

decentralised sports and the National Sport Program camps which are conducted out of the Canberra region.

Applied Research

One major research project which was sponsored by the Australian Sports Research Program continued during the year. The purpose of the research is to produce a system which is capable of providing selected parameters of the swimmer's style which may be used to analyse technique inefficiencies. These parameters will be provided within minutes of the data collection and will be presented in conjunction with an image of the swimmer performing. This study is under the direction of Dr Mason with the assistance of Mr Kevin Ball, a research assistant.

International Exchange

Professor Eugene Brown, from Michigan State University, spent two months of sabbatical leave, from July 1989, in the Biomechanics Department as part of the AIS Sports Science/Medicine exchange programme. During this period he worked extensively with the AIS soccer program as well as providing assistance with other biomechanical servicing duties. Tong Zhu, a master's degree graduate from the Peoples' Republic of China, has participated in the biomechanics work experience program and served as a biomechanics research assistant since February 1989. During the last six months she has contributed significantly to a research study designed to investigate propulsion in butterfly swimming. Mr Michael Dyke-Naughton, a science graduate from Cortland State University in New York, participated in the biomechanics work experience programme and served as a research assistant in biomechanics between November 1989 and April 1990.

Physiology and Applied Nutrition

Residential Program

The Department continued to provide a comprehensive service to athletes in many sports in order to monitor the effects of training, to determine optimal values of fitness, to identify the most effective ways of maintaining fitness, to identify potential champions and to identify and prevent diet deficiencies.

Regular tests were conducted on AIS rowers to monitor the effects of training. New laboratory testing protocols were developed in an attempt to gain more information on the nature of the training adaptations taking place. These involved measurement of maximal and submaximal oxygen uptakes, as well as blood lactate concentrations and pH values. Blood lactates were measured on the water, along with heart rates. The on-water testing was carried out with a view to assisting coaches in setting training intensities. The staff, led by Dr Allan Hahn, also assisted the National Coaching Director in developing simplified ergometer tests for use throughout Australia and provided advice to members of sports institutes and rowing clubs in various states on the establishment of talent identification programs.

Ms Julie Halbert has undertaken routine physiological testing for Institute water polo players. After initial testing during February, the players were monitored in the laboratory once a month in an effort to evaluate each phase of training and its effect on a number of physiological parameters. Poolside testing was also conducted into blood lactate levels related to various training intensities. Water polo players were also used as subjects for the ongoing study into the effects of ginseng supplementation on performance; to date the improvements in fitness components have been encouraging and should benefit players during their extensive tours overseas.

A battery of tests for track athletes has been developed by Dr Dick Telford in consultation

with Australian physiologists and the National Sports Research Program. These include tests of economy, anaerobic and aerobic fitness, and are to be applied across all runners from 400m through to the marathon. AIS athletes and visiting national squad members have been evaluated for the effect of training cycles on specific areas of fitness as well as determining optimal values of fitness according to event.

In swimming, extensive physiological monitoring by Mr David Pyne during the past year assisted coaches and swimmers in their preparation for the 1989 Pan Pacific Games and the 1990 Commonwealth Games. Routine laboratory and poolside monitoring was continued with the two AIS swimming groups. Extensive blood lactate profiling was conducted with the sprint/breaststroke group whilst a comprehensive program of monitoring and classifying training sessions was undertaken with the middle distance/individual medley group. Regular haematological screening and body composition analysis were also provided. Competition profiling was undertaken at the Adelaide Commonwealth Games trials and blood lactate profiling was provided to the Australian team prior to the Games. Talent identification and development work initiated in the previous year culminated in the first national swimming talent development camp in December as the first step in a plan to develop a nationwide system of talent identification and development in swimming.

In addition to regular testing sessions on the AIS soccer players by Mr Doug Tumilty, testing was also performed on the Australian Women's Under 16 and Youth squads. Testing of AIS players reinforced previous findings that training with a heavy emphasis on vigorous skill-related drills rather than on simple conditioning , is an effective method of maintaining fitness during the competitive season. Basic tests to measure physical attributes necessary for the good player are regularly performed, and a standardised simulation of a 25-minute segment of a high-intensity match was devised to isolate further the attributes of top-class players. This procedure will be repeated, incorporating lessons learnt from the first attempt, with the new squad which enters the AIS in July 1990.

For the sports of gymnastics, netball, tennis, basketball services included regular blood testing and screening for iron deficiency as well as regular skinfold and fitness assessment.

National Team Support

The Commonwealth Games was a focus of attention with Dr Telford closely involved in the preparation of athletes and as coach of gold medallists Andrew Lloyd and Lisa Martin. Dr Hahn continued his work with the Rowing team.

Conference Attendance

The involvement of staff in the presentation of papers is shown below:

- Dick Telford — Hunter Academy of Sport 'First National Congress on the Socio-ethical and Medical Aspects of Drugs in Sport', Newcastle; American College of Sports Medicine Conference, Salt Lake City, Utah, 'Sex, sport and body size dependency of haematology in highly-trained athletes'; the Lambie Dew Oration at the Sydney Univesity Medical School, 1989.
- Australasian Society for Human Biology, Second Annual Conference, 'Care for and development of the elite athlete', presentations by Dick Telford, Allan Hahn, Doug Tumilty and David Pyne.
- Seminars for Victoria Department of Sport and Recreation: presentations by Allan Hahn 'Identification of talent in Australian Rowing', and Dick Telford 'Recovery from Training'.
- High Performance Coaches Workshop, December 1989, Sydney: presentations by Allan Hahn 'Talent Identificaton' and Dick Telford 'Overtraining, periodization, recovery and nutrition'.
- Allan Hahn — Olympic Solidarity Rowing Coaches Conference, lectures and workshops; lectures to the Australian National Rowing Coaches.

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- Allan Hahn — Olympic Solidarity Rowing Coaches Conference, lectures and workshops; lectures to the Australian National Rowing Coaches.

- David Pyne — Victorian Swimming Coaches Annual Conference, 'Physiology of swimming training'; Australian Swimming Coaches Association Annual conference, 'Physiological considerations in tapering swimmers'; AIS Elite Coaches Seminar (Swimming), 1990, 'Interpreting physiological data'; NSW Swimming Association Accreditation Course, 'Physiology of training'; Australian Swimming Managers' Seminar, 'Preparing swimmers for competition — nutrition and diet'.

Community Services

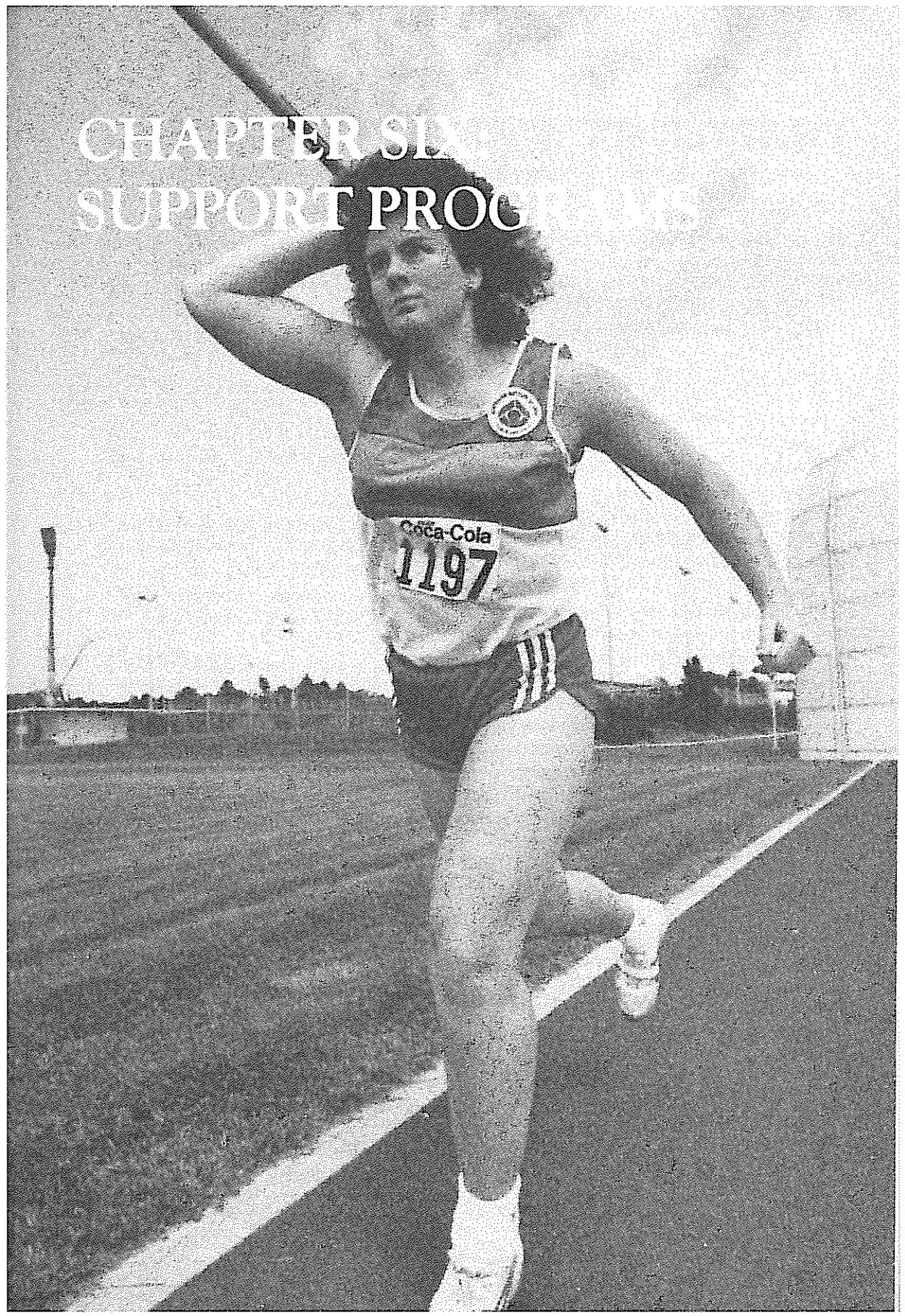
Dick Telford continued as Chairman, ACT Sports Academy. He was also patron of the Society of Clinical Masseurs and the ACT Fire Brigade Running Club. He is a regular columnist in the Canberra Times. Allan Hahn is a member of the National Laboratory Accreditation Committee and was Human Movement Science Co-ordinator for the ACT branch of ACHPER. He is an adviser to competitive members of the ACT Rowing Association and he lectures to community and school groups, and sports science students at the University of Canberra. Dr Hahn also provides advice on training to Canberra and visiting cyclists. David Pyne is an adviser to ACT Swimming and also lectures to community and school groups.

Applied Research

A feature of 1989–90 was the work done in collaboration with the Department of Biochemistry at the Australian National University through its head of department, Dr Maurie Weidemann, and students John Smith and Bon Gray. This work is to be enhanced in 1990–91 with collaboration from David Pyne. Visiting Fellow, Ian Gillam, from the Phillip Institute of Technology, is working on the role of blood-borne antioxidants such as vitamins E and C in protecting the athlete's cells against damage during intense training.

Another research project, the investigation of the effect of ginseng on the performance of swimmers, triathletes and waterpolo players, was conducted under the direction of Dr Telford and Ms Julie Halbert. Studies into the effects of iron deficiency directed by Dr Telford were completed and results submitted to the supporting body, the Australian Meat and Livestock Research and Development Corporation. Results have already been put into practice in dealing with iron deficiency problems in athletes. Another Australian Meat and Live-stock Corporation sponsored project on the specificity of interpreting athletes' blood tests was presented at the American College of Sports Medicine Annual General Meeting.

CHAPTER SI
SUPPORT PROG



CHAPTER SIX: SUPPORT PROGRAMS

Objectives

The objectives of the Commission's support programs are;

- to facilitate the achievement of the Commission's goals by the provision of effective and responsible executive management, administration, ADP systems, planning and common services;
- to increase the profile of the Australian Sports Commission and its program in the marketplace and thus maximise revenue by offering commercial marketing opportunities to the corporate sector;
- to consult and co-operate with appropriate authorities of the Commonwealth, States and Territories and with other organisations and individuals in relation to the Australian Sports Foundation's activities.

Overview

Support for sport is provided in many ways through the programs of the Australian Sports Commission. Athletes, coaching, and sports science and sports medicine services are easily identifiable elements of the elite sports program, and sports participation and sports development both have high profile programs. However, during the year there were other important programs and activities which offered substantial support to other Commission programs and sport in general.

National Sport Information Centre

Objectives

The objectives of the National Sport Information Centre are:

- to provide a comprehensive multimedia collection of information resources on sport and to make the collection accessible to all Australians so that questions relating to sport at all levels can be answered either directly or by referral and therefore assist in the development of sport in Australia;
- to disseminate sporting information to the widest possible community with the aim of enhancing performance and encouraging sports participation;
- to provide a comprehensive range of information services catering for the information needs of the Australian Sports Commission programs and those of outside users who have a variety of levels of information need;
- to establish mechanisms which will ensure that Australian sporting information reaches the international sporting community;
- to encourage co-operation between sport information providers in Australia and overseas;
- to administer the resources of the National Sport Information Centre in the most efficient manner;
- to provide space, equipment and technology which will ensure operational efficiency and the facility to respond to the changing needs of staff and users of the National Sport Information Centre; and
- to advertise and market the resources and services of the National Sport Information Centre to the widest possible community.

To achieve these objectives the aims of this program were:

- to increase the range and comprehensiveness of sport information held by the National Sport Information Centre;
- to increase the amount of data submitted to nationally accesible data bases;
- to increase the number and range of people who are aware of the National Sport Information Centre;
- to increase the number of people to whom information is disseminated;

- to improve the range of information services available from the National Sport Information Centre to support Commission programs to outside users;
- to increase the number and range of people who use the National Sport Information Centre's facility and services;
- to maintain the level of satisfaction with National Sport Information Centre services;
- to increase the amount of Australian data reaching the international sporting community;
- to increase the number of formal and informal co-operative projects undertaken with Australian and overseas sport information providers;
- to develop further the efficiency of the National Sport Information Centre in terms of measurement set by the organisation as a whole e.g. auditors requirements and internal measures;
- to increase the provision of equipment and technology in an environment where users can make best use of this.

Under the 'Next Step' initiatives for Australian sport, the Federal Government announced in September 1989 the allocation of additional funding of $1.25 million over four years for the further development of a National Sport Information Centre. In making this announcement the Government gave recognition to the importance of the provision of information resources and services in the development of sport at all levels.

In March 1990 the Centre was officially launched by the Minister for the Arts, Sport, the Environment, Tourism and Territories. This launch, in conjunction with a national seminar on sport information, was reported widely by the media and has resulted in a greater community awareness of the Centre and its services which is reflected in increased usage statistics.

The Centre functions as a central point for the collection, documentation, co-ordination and dissemination of multimedia sport information to meet the information needs of organisations and individuals involved in or responsible for the development of sport in Australia.

In line with the Government's priorities for the development of sport in Australia, the Centre has in 1989–90 developed its collection of resources and services further to meet the information needs of coaches, sports administrators and increased program personnel within the Commission, whilst at the same time providing expanded services to the general community with the aim of encouraging greater sports participation at all levels.

Usage

In 1989–90 the Centre saw a 100 per cent increase in written requests for information with some 3 000 requests for information being received and, on average, 300 telephone calls for information each month. Membership to the sports videotape lending library increased by 150 per cent and there are now 260 subscribers to this service which provides subscribers from all parts of Australia with access to over 4 000 sports videotapes. There has also been 100 per cent increase in the number of subscribers to the Sports Journal Update Service and there are 140 subscribers to monthly sports specific current awareness services which now cover some 20 sports or sports related topics.

The demand for document back up services has continued to increase, with a 50 per cent increase in the number of photocopies being supplied in 1989–90. In total 10 200 articles were supplied with 75 per cent of this demand coming from outside users of the service, including representatives of national sporting organisations and satellite coaches. A significant increase in demand from overseas for information on Australian publications is being experienced which appears to be due to the fact that the Centre is ensuring that Australian sporting information is documented for the international data base SPORT.

The Collection

To meet the increased demand for information, the collection of the Centre has been expanded to cover publications on all sports and 1989–90 saw the addition of 2 500 new books and videotapes to the collection, a 150 per cent increase over 1988–89. Duplicate subscriptions have been taken out for popular journals previously only held in decentralised units. These subscriptions ensure quicker document supply in response to photocopy requests. Videotapes in high demand have also been duplicated and a project to convert all videotapes of a coaching nature from NTSC to PAL has been undertaken to provide greater access to the collection by outside users. A collection of resources relating to Volleyball has been established at the AIS Volleyball unit in Sydney. During 1989–90 a large amount of archival information on national sporting organisations was transferred from the Department of the Arts, Sport the Environment, Tourism and Territories Library to the Centre.

Services to Users

In 1989–90 services have been extended to more satellite coaches who now number over 110, to Intensive Training Centre coaches, to consultant sports science staff working with Australian Sports Commission programs in a variety of locations and to regional co-ordinators working with the AUSSIE SPORTS, Youth Sport and Women's Sport units of the Australian Sports Commission. In February 1990 a study of the level of user satisfaction with the services of the Centre was carried out on satellite coaches which revealed a high level of satisfaction.

For users of services based at the Sports Commission, access to information resources has been improved with desk top access to the Centre catalogue, Sunday opening of the Centre, the extension of CD-ROM data bases and the development of user guides for these services. An annotated listing of new books received by the Centre is also being widely distributed. In 1989–90 the Centre has worked co-operatively with other programs of the Australian Sports Commission to give a more co-ordinated approach to sport information services to establish a central point for information requests.

The Centre and the National Sports Research Program (NSRP) are now working together to deliver the Sportscan information retrieval service of the Commission and to deliver individually tailored information services to recipients of NSRP Research Grants. The provision of these services has been assisted by the appointment of a consultant Research Assistant who works with the Centre and the NSRP. The Australian Coaching Council and the Centre are currently working together in projects to review videotape resources and to evaluate and repackage information for the coaching community.

Services such as the information resources page in the Aussie Sports News have been developed to disseminate information to the community. In 1989 the Centre produced, in co-operation with the Australian Sports Drug Agency, a Drugs in Sport Annual Bibliography which documents the current literature on the subject. Specific information packages have also been developed which cover such topics as Technology in Sport, Nutrition in Sport, Careers in Sport and Gymnastics and further packages will be developed in co-operation with Commission staff. The development of readily available information packages ensures that enquirers receive an appropriate and timely response to their information request.

An Occasional Bibliography Series has commenced with an annotated bibliographies on Race Walking and Strength Training being published. A publications and video catalogue for the Commission has now been developed and widely distributed.

The high demand for audio visual services continues, particularly with additional television coverage in Canberra. A high demand has also been placed on photographic services in order to meet the demands of an expanded publications program within the

Commission. The audio visual technician has undertaken a number of special photographic assignments including full photographic coverage of the Women's World Cup Hockey in Sydney, the development of a series of posters for the AIS Swimming Program and the publications catalogue for the Commission.

Services of the National Sport Information Centre have been promoted through advertisements in sporting journals and newspapers, through presentations to a wide range of sporting groups including coaches and sports administrators, through presentations to information professionals and through the production of sport specific brochures which now cover 12 sports.

Technical Services

1989–90 has seen the implementation of a fully computerised network within the Commission which with the provision of computer terminals on all desks, has enabled the Centre to increase cataloguing output, to implement an automated audio visual equipment loan system, to document all vertical files and to develop a more comprehensive data base of slide and photographic material. In co-operation with Computing Services the Centre has established a mainframe mailing list for use by all programs of the Sports Commission and provision is being made for the addition of bibliographic information to the Athlete Data Base being developed within the Commission.

Liaison with other organisations

A number of co-operative sport information projects have been undertaken with organisations outside the Commission, including the Australian Society of Sports Administrators with the development of an Australian world champions data base, with the Museums Association of Australia Sports Heritage Group in looking at the documentation of historical material, with the South Australian Sports Institute in co-operative documentation of translations and with the Library of the Victorian Department of Sport and Recreation in the documentation of information for the Australian Bibliographic Network.

In March 1990 the Centre organised a seminar for sport information providers which was attended by 40 delegates from all States and New Zealand. The seminar addressed such issues as access to information, the documentation of recreation information, the development of computerised sport information systems and the problems with the documentation of Australia's historical records relating to sport, which are numerous. The seminar was addressed by Mr Gilles Chiasson, President of the Canadian Sport Information Resource Centre and President of the International Association of Sport Information who detailed international developments in this field.

During 1989–90 the Centre has also worked co-operatively with the International Association for Sport Information (IASI) in projects including the development of a standard format for the indexing of videotape information, the development of an international inter-library loan code for sport libraries and the development of a world inventory of sports documentation centres. Australia remains the largest international contributor to the IASI/SPORT data base and in 1989–90 submitted over 2 000 records to the data base.

In order to promote access to Australian sporting information the Centre has developed, in co-operation with the National Library of Australia, an on-line publicly accessible data base AUSPORT which documents Australian sporting information. Australian sporting information is now also available on CD-ROM via the AUSTROM a compact disc of Australian social science information of which the AUSPORT data base is part. The development of these projects together with the annual publication Australian Sport Index and the submission of Australian sporting information to the international data base SPORT now ensures that Australian sporting information is easily accessible both in Australia and overseas.

Future Developments

In 1990–91 the Centre will aim to market its services more effectively to specific target groups within sport and to evaluate the effectiveness of this marketing particularly in terms of increased usage and awareness of services. As part of the marketing plan video and radio promotional material on the Centre together with display material will be prepared.

In order to develop a truly national sport information service the Centre will prepare a plan for the development of a network of sport information centres around Australia, which will ultimately ensure equity of access to sporting information in all parts of the community and assist the Commission in delivering information services to all levels of the community. Methods of computerised information dissemination to national sporting organisations will be examined and co-operative sport information projects will continue to be developed on a national and international basis with particular attention being paid to the development of sport information in the Oceania Region.

Marketing and Public Relations

Objectives

The objectives of the marketing program are:

- to provide corporate and commercial support of the Australian Sports Commission and its programs;
- to arrange product endorsements;
- to seek scholarships in any residential sport;
- to arrange special event sponsorships; and
- to sell perimeter signage at various venues.

The objective of the public relations program is:

- to increase the awareness of the Australian Sports Commission and its programs within the marketplace.

To achieve these objectives the aims of this program were:

- to increase the amount in cash, 'in-kind' and commercial sponsorship gained;
- to achieve greater acceptance in the marketplace of the AIS as a viable commercial product.

The 1989–90 year resulted in a considerable decline in marketing activities and sponsorship income. This was largely due to the tight economic conditions facing the corporate sector. Publicity resulting from the release of the Senate Inquiry into Drugs in Sport also appears to have affected adversely the marketability of Commission programs.

With Senator Graham Richardson's announcement in August 1989 of a considerable increase in Government funding over the next four years, corporate support for the Commission is likely to increase. The additional funding increase has allowed the expansion of all of the programs within the ASC portfolio and increased market awareness of programs like AUSSIE SPORTS, Youth Sport, Women's Sport and Disabled Sport. All these programs have now developed excellent resource materials and market penetration in their respective target groups. As they continue to develop, it is likely that they will attract corporate support to enhance effectiveness even further.

Most of the public relations activities in the first half of the 1989–90 year centred around the build-up to the Commonwealth Games in Auckland in February 1990. As the respective AIS scholarship holders were selected in national teams for the Games, media awareness activities were increased. A series of fundraising luncheons were again organised in conjunction with the Australian Commonwealth Games Association.

Media access to athletes, coaches and officials increased considerably leading up to the Games and most activities centred on dissemination of media information as well as hosting many of the nation's media.

The Public Relations department also assisted in supporting various launches of different ASC programs. These included:

- A major launch of the Government's new funding initiatives to 300 invited guests with the Sports Minister Senator Graham Richardson;

- Launch of new programs including the National Sport Information Service; and
- Preparation and dissemination of press releases and general information for Commission programs.

The highlight of the activities was the co-hosting of the annual prestigious ABC Sport Awards. These were held after the Commonwealth Games in February in the Swimming Pool complex. This involved 300 guests at a black tie presentation dinner which included many sporting personalities. The extensive menu was catered for by the Food Services Division of the Commission. Kerry Saxby of the AIS won the award for outstanding female athlete for 1989 recognising her achievements and world records in racewalking. The Public Relations department also assisted in media and public speaking courses for athletes, promotional activities both in Canberra and interstate in conjunction with tourist agencies and shopping centres, and media advisory and support services for all Commission activities.

The AIS Shop and Tours

The AIS Shop continues to perform an important role as the information point of the complex in Canberra. It has continued to provide an excellent opportunity for the large number of tourists to take home a souvenir of their visit to the Institute as well as revenue for the Commission.

Other considerations in the future include the mail order service of products, national licensing programs and more products from Commission programs other than the Institute such as AUSSIE SPORTS.

The Australian Institute of Sport site in Canberra continues to grow as one of the most popular tourist attractions in the area. An extensive promotional campaign continues to attract schools, public and specific interest groups throughout Australia. During the past twelve months over 80 000 people have visited the Institute on organised or public tours. This response has created a need to continue to improve and recruit our athletes as tour guides, which proves a very popular attraction to the tourists. The athletes are paid for the tours as well as provided with training and uniforms. The 'self guided' tour continues to provide a useful service for those who are unable to take organised tours.

The continued success of our tour program is reflected in the results of the AIS shop trading figures. Tour groups pay for guided tours which adds to the overall revenue of the ASC.

Publications

Objectives

The publications area aims to produce timely, accurate and printed material in order:

- to meet the requirements of legislation, such as the Australian Sports Commission Act, the Audit Act and the Freedom of Information Act;
- to provide the various elements of the Commission with the capacity to inform and assist clients and to better perform their duties;
- to educate the general public and sports people in particular in those matters that are the province of the Commission; and
- to promote the Commission, its programs and its activities.

The publications area of the Commission prepares and produces such statutory materials as are required, arranges the printing of ad hoc books and leaflets and assists in the production of specialist publications, contributes to in-house periodicals and computer type sets considerable numbers of leaflets, notices and books, using Pagemaker software on NEC computers linked to the Commission's mainframe computer.

Performance

In the 1989–90 financial year the Publications area assisted in the publication of the Annual Report and the Strategic Plan, both requied by legislation. A public version of the plan, "Barcelona and Beyond" was also produced,

being written, illustrated and designed in house.

Other major efforts included the writing and production of "The Australian Sports Kit", the Ministerial release to promote the $100 million boost to Australian sport from federal funds in 1989. A further promotional book on "Commonwealth Assistance to Sport" was prepared towards the end of the financial year. A 250 page book "Australian Sport Psychology: the Eighties" was designed and typeset in house and a booklet on the Australian Institute of Sport was written and designed by the area. The Publications area continues to co-ordinate and publish the quarterly Sports Science and Medicine journal "Excel" for the Sports Science and Medicine sector of the Australian Institute of Sport.

Several series of brochures were designed and typeset in house. These included the 1990 series of sports brochures for the Institute of Sport and a continuing series of sports information series leaflets for the National Sport Information Centre. Ad hoc brochures and other materials were produced for the National Sport Information Centre and for the Sport Development Program, as well as for the Institute of Sport.

Newsletters produced by Institute coaches such as Aussie Thrower, Hockey Bulletin and Distance Running Update, have been typeset on a regular basis and high quality posters designed in house for swimming. Other posters have been produced to illustrate sport skills in Water Polo, and seven posters were produced for the Disabled Sport Program.

The publications area has been responsible also for producing such items as Christmas cards, staff bulletins, "SportsChat" — a regular description of Institute news and results — and internal notices. With the increasing services offered by the National Sport Information Centre, a publication and video catalogue has also been produced, again with artwork and design done in house. With the increasing capability of the publications area, thanks to more sophisticated software and developing skills in its use, help has been given both in typesetting and design work to such areas as Sports Science and Medicine, AUSSIE SPORTS and Facilities. Forms have been produced for personnel and stores areas and for sports, including tennis training diaries, score books and overseas travel diaries for coaches and administrators.

Policy and Planning

Objectives

The objectives of the Policy and Planning Section are:

- to develop and monitor programs in respect of the new Australian Sports Commission Strategic Plan;
- to develop a database of sports facilities in Australia;
- to develop a sports database;
- to provide advice and assistance in the areas of taxation, government tariffs, facility development, and other issues that arise; and
- to monitor issues and developments in sport and assist in the review and development of Commission and Government policies on a range of sports issues.

The performance indicators for the Policy and Planning section are:

- a Strategic Plan;
- the amount and type of information distributed;
- the number of policy advices provided;
- the number of letters, submissions and papers produced;
- the establishment of an evaluation plan;
- the number of evaluations undertaken.

Performance

The Section is responsible for a range of policy and planning functions including statistical collections, strategic planning, program evaluation, government sports policy and coordination activities. The Section also has responsibility for facilities programs and information.

Two of the areas of government activity affecting sport during the year have been

taxation and sport and government charges on imported sports equipment. The Minister made representations to the Treasurer on behalf of a number of sporting organisations on perceived anomalies within the taxation legislation. Representations were also made to the Minister for Industry, Technology and Commerce and the Minister for Science, Customs and Small Business about a range of matters concerning customs duty on sporting products. A 'Factsheet' was produced and circulated to all national sporting organisations.

Meetings have taken place with the Chairman and Research Director of the National Committee on Violence. The Section has provided advice on sporting issues and has prepared a pamphlet for publication as part of a series of pamphlets to be issued by the Committee.

During the year the Section prepared a number of papers and submissions on a range of topics:

- submission to the ABC Discussion Papers to encourage the ABC to retain or increase its current level of sports coverage of sport;
- submission to the Department of the Arts, Sport, the Environment, Tourism and Territories' National Physical Activity and Lifestyle Conference, examining the importance of sport in Australian society and its benefits to national health, fitness and well-being;
- a case for additional funding to further develop sport in Australia, outlining the importance of sport in Australia in the areas of health, the economy and society. On these and international and national considerations, the paper argued for an increase in government expenditure on sport.

National Sports Research Program (NSRP)

Objective

The objectives of the National and Applied Sports Research Programs are:

- to overcome difficulties in communication between sports scientists, athletes and sports coaches by providing reference and information services.
- to improve safety in sport;
- to fund research which will improve athletic and coaching performance;
- to improve coaching methodology through the direct application of the results of the research program;
- to improve the appreciation of coaches and administrators of the value and potential contribution of sports science research; and
- to improve liaison among national sporting bodies, sports scientists and tertiary institutions.

Performance

The Commission operates through the National Sports Research Program to achieve its research objectives. An integral part of the NSRP is the Applied Sports Research Program (ASRP) which assists sports coaches and administrators find solutions to problems through the application of sports science.

The NSRP provides a structure through which sports organisations and research organisations can apply for funding to undertake research.

Applications for funding under the ASRP in 1989–90 were received from sixty-five researchers or research institutions. Sixty-four of these were considered to be within the guidelines of the program and were subsequently sent out for review by two independent researches.

Seventeen projects were funded, including the following:

- visual training programs;
- biomechanics during adolescent growth;
- pain tolerance;
- fluid balance in cricket;
- biomechanics of baskeball;
- talent identification in kayaking;
- perception in field hockey;
- pre-competitive emotions;
- critical power in rowing and cycling;
- overtraining;

- drop out in coaches;
- delayed onset muscle soreness;
- sound emitting ball for blind cricketers;
- sports violence.

During 1989–90 a number of ASRP projects which had been funded in previous years were completed. These included:

- basketball — coaching behaviours;
- pistol shooting — biomechanics and psychology;
- boardsailing — energy demands and injuries;
- weightlifting — use of elastic energy;
- cricket — back injuries;
- canoeing — energy systems;
- Australian Rules — "mini" football and competition structure.

Dissemination of Information

The outcomes of the projects have provided many competitors and coaches with valuable information in terms of coaching methodology, training principles, safety requirements, equipment design and the effectiveness of programs.

The technical and "lay" reports produced under the ASRP are distributed to the relevant national sporting organisations. The information contained in these reports has been widely circulated in a variety of forms including sport specific journals and newsletters, Sports Coach, the Report on the NSRP, the Australian Journal of Science and Medicine in Sport and other scientific journals. Material from the program has been presented at scientific conferences and coaching seminars in Australia and overseas, and videos relating to coaching and training principles have been produced. Most importantly, the findings of some projects have been, or are currently being, written into the National Coaching Accreditation Scheme courses.

Australia Sports Science Directory

The Australian Sports Science Directory was published in 1989 to help sports identify those scientists who may be able to assist them with research or make some other contribution towards improving performances within their sport. It is also seen as a useful tool for sports scientists for communication with one another. The updated version of the directory contains information on over 300 sports scientists outlining their research and testing areas of expertise and their availability for coaching seminars and workshops.

The directory also contains details of twenty one sports science laboratories around Australia. Information included concerns personnel and equipment available, the athlete-testing background and research interests of the laboratory personnel.

Testing Protocols

During 1988–89 the NSRP published sport-specific guidelines for the physiological assessment of the elite athlete. The purpose of this is to standardise testing procedures for athletes at the elite level across Australia. Chapters have been written by the experts in the field and cover:

- cross-country skiing;
- cycling;
- kayaking;
- orienteering;
- rowing;
- running; and
- swimming.

During 18–19 April 1990, a Workshop attended by 35 sports scientists and coaches was held in Canberra to discuss and modify these protocols. Practical demonstrations of test protocols were presented and discussion groups freely exchanged thoughts and ideas for modifications of test protocols and interpretations.

Field Testing of Athletes

Discussions were held with a number of national sporting organisations to develop nationally acceptable standards for assessing the physical fitness of athletes in the field.

Basketball, Water Polo, Field Hockey, Rowing and Orienteering are particularly well advanced in these developments and are working with sport scientists around Australia to finalise their approach to fitness testing.

The Laboratory Standards Assistance Scheme

During 1989, funding was made available to identify and assist laboratories around Australia willing to implement nationally standardised protocols for the physiological assessment of elite athletes. Called the Laboratory Standards Assistance Scheme, the aim is to assist laboratories involved in the physiological assessment of athletes to maintain equipment and testing protocols to the high standard expected in scientific program.

In the final stages of the scheme, after a suitable period of time, laboratories can become eligible under the Laboratory Accreditation program for formal recognition as a Centre for Athlete Assessment and as such will receive priority for Government funding for research under the Applied Sports Research Program and physiological assessment of elite athletes under a sports science consultancy fund.

Furthermore, staff members from laboratories involved in the Laboratory Standards Assistance Scheme will have opportunities to attend workshops and training courses aimed at implementing and improving the quality control and interpretation of sports specific assessment protocols. Laboratories will also have access to external assessments of equipment and test procedures to ensure that the results and interpretations of standard testing methods are consistent with other laboratories around the country. It is expected that this will include detailed calibration of ergometers and analysers on an annual basis and if required, advice on how to keep the equipment up to specifications. Participating laboratories will also be provided with up to date information on new technology and equipment as it is developed.

Participating laboratories will receive instruction manuals for the sport specific physiological assessment of elite athletes, which will include normative data and information on interpreting results and which will show how to use the results to assist coaches and athletes with their training programs. This information is currently being developed by sports scientists and coaches throughout Australia.

To oversee the operation of the National Laboratory Standards Assistance Scheme, a Laboratory Standards Coordinator was appointed in January 1990. Also, a co-ordinating committee was established to provide an independent overview from both academic and applied sports science institutions. The committee consists of:

- Dr Frank Pyke (Chairman), Victoria
- Dr Robert Withers, South Australia
- Dr Laurel Mackinnon, Queensland
- Dr Allan Hahn, ACT
- a representative from the National Association of Testing Authorities
- a representative from the National Sports Research Program

Journal Documentation Service

The Journal Documentation Service (JDS) in "Sports Coach" is a listing of sport oriented articles which have been selected and indexed from Australian and overseas periodicals. Upon receipt of a completed request form, a photocopy of the relevant article is sent. In 1989–90 approximately 183 requests were received and serviced each month.

Information on this service (including a request form) is provided in each edition of "Sports Coach" and is prepared with the assistance of the National Sport Information Centre.

Sportscan, State-of-the-Art Reviews and the JDS are complementary programs and provide a comprehensive sports information service to coaches, athletes and administrators.

Sports Research Needs Update

Because of financial constraints and other factors, not all the necessary sports research can be undertaken within the ASRP. To complement this program an annual publication entitled Sports Research Needs Update has been produced. A categorised listing of 270 research projects, designated by national sporting bodies, has been compiled

and distributed to tertiary and research institutions throughout the country. The aim is to encourage advanced students in physical education and human movement studies to undertake research nominated by national sporting organisations and liaise with the NSRC and the national sporting organisations. This publication is available from the NSRP.

Australian Coaching Council

Objectives

The objective of the National Coaching Accreditation Scheme is:

- to increase the proficiency of coaches through the implementation of uniform standards of instruction which are specific to the requirements of individual sports.

The objectives of the ACC Technical Committee are:

- to advise on the design of courses submitted by national sporting organisations for approval;
- to advise on technical issues, such as the production of manuals and resource materials;
- to recommend on approval of courses; and
- to produce coaching resources.

Performance

During the year the Commission provided administrative support and financial assistance to the Australian Coaching Council (ACC). In 1989–90 $339 000 was provided to the ACC for the employment of a director, development manager, technical coordinator, support staff and the development of resources and materials for the promotion of coaching in Australia. The Australian Coaching Council coordinates the national development of coaching in Australia. This includes the responsibility for the development, implementation and promotion of the National Coaching Accreditation Scheme.

During 1989–90 both the ACC and its technical committee met on four occasions.

Major events and initiatives in 1989–90 included:

- The formalisation of the relationship between the Commission and ACC, with the ACC becoming the ASC's coaching development arm.
- The release of the ACC's Policies and Guidelines booklet "Coaching Development: 1989–92", which includes the Council's Strategic Plan.
- The conduct of a National Coaching Directors' Workshop which endorsed the ACC's policies and guidelines booklet.
- The conduct of a successful High Performance Coaches Workshop at the St George Institute of Education, Sydney, from 30 November — 2 December 1989. the seminar on the theme of "Developing the Elite Athlete" was attended by over 80 coaches.
- The production and wide distribution of a new promotional brochure entitled "Coach Education".
- The Publication of four issues of Sports Coach and The Coaching Director.
- A three week study tour to North America undertaken by the Director to attend the Canadian National Coaches Seminar in Toronto and give a presentation at the IOC's first World Congress on Sports Science. He also visited organisations such as the Canadian National Coaching Institute, the Coaching Association of Canada, the United States Olympic Training Centre and the National Strength and Conditioning Association. The main focus of the study was the development of high performance coaches.
- The development of the High Performance Coach Award Program for implementation in early 1991.
- The redevelopment of ACC Level 1 and 2 Coaching manuals to be entitled "Beginning Coaching" and "Better Coaching". This was completed in June and the new manuals are due for publication in November 1990.

- The appointment of Mr Richard Done to the new position of High Performance Coordinator with responsibility for the ACC's high performance coaching development program including the Elite Coaches Seminar and the implementation of the High Performance Coach Award program.
- Commencement of work on a number of other projects including the development of programs and materials for Course Presenter Training workshops; the preparation of books on "Coaching Children" and "Coaching Female Athletes"; and a Level 3 Course Design workshop to be conducted in July 1990 to accelerate progress for many sports in developing their total coach education program.

National Coaching Accreditation Scheme (NCAS)

The National Coaching Accreditation Scheme provides courses at three levels. The courses are specific to each sport and include general principles of coaching and human performance; sport-specific skills, techniques, strategies and science; and the practice of coaching. Courses have an emphasis on better organisation of practice sessions, appropriate methods of teaching and correcting techniques and methods of analysing an athlete's performance.

The courses are not intended to produce a uniform approach among coaches. They offer opportunities for coaches to acquire a greater knowledge of coaching which will ensure that sporting talent is coached by competent personnel. As at 30 June 1990, seventy five sports have had courses approved at Levels 1, 2 or 3.

In 1989–90 an additional 10 718 coaches were accredited at the various levels. As at 30 June 1990 there were 70 692 coaches accredited under the scheme. This represents an increase of 17.3 per cent in twelve months.

	Total	1989–90
Level 1	60 494	9 280
Level 2	9 089	1 382
Level 3	1 109	56

A list of approved coaching courses at 30 June 1990 is given at Appendix 7.

Service Agency

Each coach pays a fee of $10 at the time of registration to the agency. The main tasks of the service agency are the production of NCAS identification cards and other accreditation material, including NCAS cloth badges. Accreditation details of any coach can now be checked on the ACC computer and accreditation lists; statistical reports and mailing labels can now be simply produced for national and State sporting organisations.

Australian Sports Foundation

Objective

The objective of the Australian Sports Foundation is:

- to consult and co-operate with appropriate authorities of the Commonwealth, States and Territories and with other organisations and individuals in relation to the Australian Sports Foundation's activities.

The Foundation was established by the Government pursuant to Section 7(i)m of the Australian Sports Commission Act 1989 to promote public participation in the funding of sport in Australia to complement funding provided by the Commonwealth Government. The catalyst for the Foundation's creation was the 1987 America's Cup Challenge. However, the tax advantages which were available to the challenge syndicates are now available more generally to sport. To enable the Foundation to undertake this function, it has been established as a public company and is listed in Section 78A of the taxation legislation. It is governed by a Board of Directors comprising Mr Ted Harris, Chairman, Mr Herb Elliott, Mr Kerry Packer, Mr Nicholas Whitlam and Mr Jim Barry.

The majority of preferred donations are received in the context of public fund raising appeals conducted by sporting organisations.

While the terms of the Tax Assessment Act preclude donors from placing conditions on how donations should be allocated, the Board of Directors gives appropriate recognition to preferences. General, or non-preferred donations, are donations received by the Foundation for which no preference is attached. These donations are transferred to the Commission to be used for the development of sport, with a recommendation on their allocation from the ASF.

Registered Organisations

The Foundation requires that sporting organisations be registered before they utilise the Foundation's tax advantages. This process is to verify the credentials of organisations using the Foundation. At 30 June 1990, 112 sporting organisations including an additional 12 in 1989–90, had been approved for registration. The majority of registered organisations are national sporting bodies but State Associations and clubs can use the Foundation by co-operating with their governing national sporting body. Registered organisations wishing to utilise the Foundation to conduct appeals must receive approval to do so. A total of 36 appeals were approved in 1989–90.

Funds Received

In 1989–90 a total of $8.838m was donated to the Foundation, all of which was in the form of preferred donations. An amount of $9.561m was paid to the Commission with a recommendation that grants be paid to 65 sporting organisations. This included a 1988–89 interest disbursement of $63,626. The Foundation accrued $134,946 in interest in 1988–89.

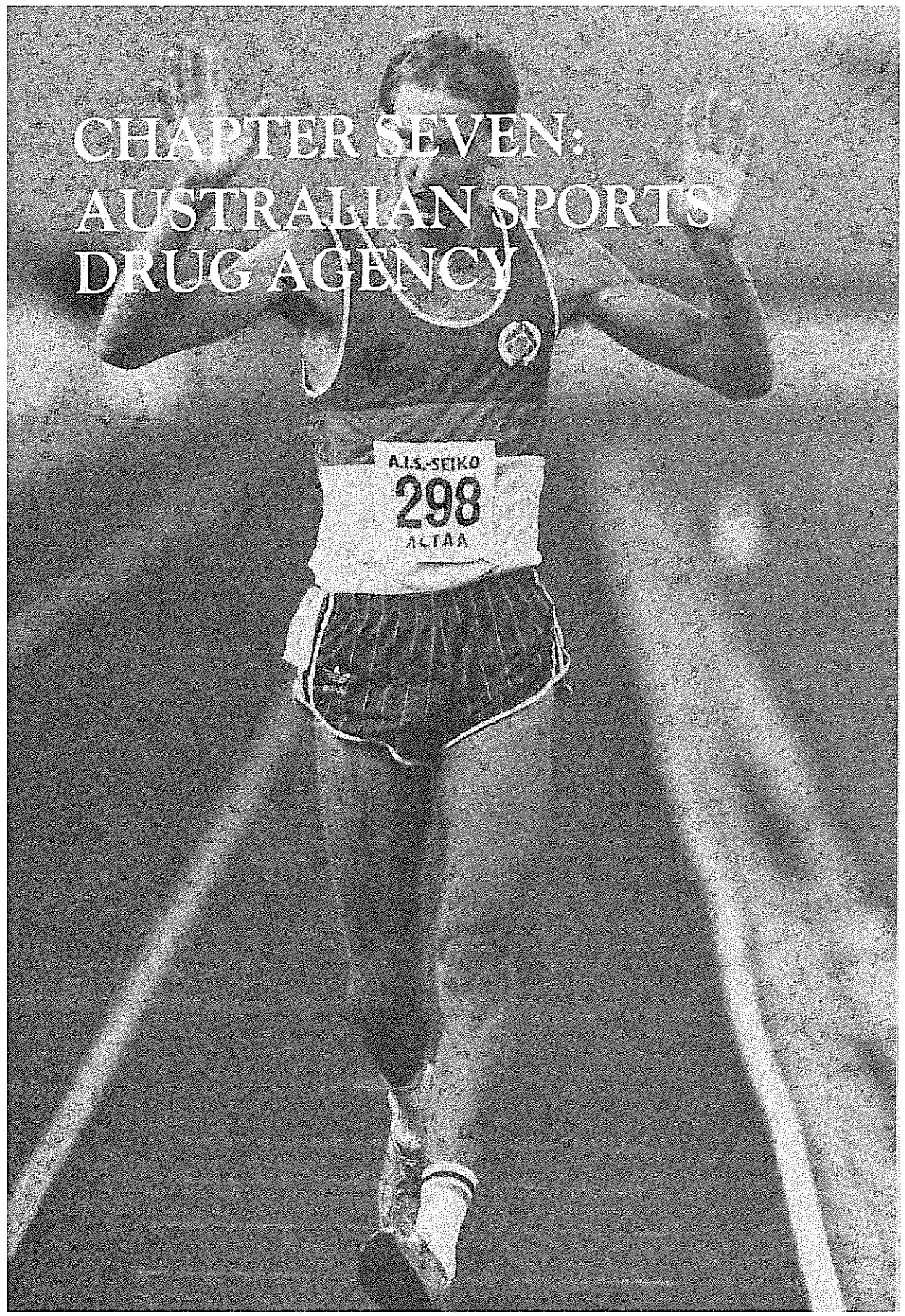
Administration

The Foundation is administered by Mr Perry Crosswhite (Director, Sports Development and Participation of the Australian Sports Commission) who is the Foundation's Company Secretary, and one officer of the Commission. The accounting firm Price Waterhouse is employed to undertake the annual financial statements. The Foundation received an administrative allocation of $33 000 in 1989–90 from the Commission ($35 000 in 1988–90). During 1989–90 the Foundation changed its name from the Australian Sports Aid Foundation to the Australian Sports Foundation.

Summary and Assessment

The Foundation's tax advantages provide an incentive for sporting organisations to seek assistance from the public and the business sector. Preferred donations received by the Foundation in 1988–89 were boosted by donations with a preference towards the Melbourne Olympic Bid. As in the previous year the majority of appeals were directed towards facility development.

CHAPTER SEVEN: AUSTRALIAN SPORTS DRUG AGENCY



CHAPTER SEVEN: AUSTRALIAN SPORTS DRUG AGENCY

Objective

ASDA has been established with the following objective:

- To educate the sporting and general communities on health and fair play issues related to drug use in sport and to carry out an independent drug sampling and testing program on sports people at sporting events, during training sessions and out of competition.

Overview

In responding to recommendations of the Senate Standing Committee on Environment, Recreation and the Arts Inquiry into Drugs in Sport ("the Black Inquiry"), in August 1989 the then Minister for the Arts, Sport, the Environment, Tourism and Territories (ASETT) announced that a separate Australian Sports Drug Agency (ASDA) would be established, building on the program already under way and expertise already developed within the National Program on Drugs in Sport (Anti-Drugs Campaign), part of the Australian Sports Commission .

ASDA has been provided with increased on-going funding (more than $4 million for testing and education activities over the next 4 years) and has been required to carry out 1 000 drug tests in 1989–90 and 2 000 per annum from 1990–91. ASDA has been set up in a location separate from the Commission and is required to report regularly to the Minister on its activities.

Legislation to establish ASDA as a Commonwealth statutory authority — to provide the degree of separation recommended by the Black Committee and to set out its powers and responsibilities — has been drafted, and will be introduced into Federal Parliament in 1990–91. If passed, a separate appropriation for ASDA will be created. In the meantime ASDA funding is part of the appropriation granted to the Commission and is paid to ASDA through the Australian Coaching Council (ACC).

ASDA therefore currently operates as a separate body within the ASETT Portfolio, reporting to the Minister and Portfolio Secretary as necessary.

Operations

During the course of the year an Advisory Group has provided expert assistance to ASDA management in its operations. The Advisory Committee comprises:

- Dr Brian Corrigan (Chairperson) who has carried out a range of representational activities on behalf of ASDA and is the author of a monograph "Drugs in Sport";
- Dr Ken Fitch (Deputy Chairperson) who has participated in ASDA related activities as a member of the IOC Medical Commission and is Consultant Editor of the major IMS reference publication "Drugs in Sport 1990";
- Mr Roy Masters who has provided necessary liaison between the Commission and ASDA.

ASDA has also benefited from consultation during the year with many Government and non-Government agencies in sport, health and education including, in particular:

- Board members and officers of the ASC;
- staff from the offices of the former and present Minister for the Arts, Sport, the Environment, Tourism and Territories;
- officers of DASETT;
- National Sporting Organisations;
- Professional Sporting Organisations such as the Australian Rugby League and the Australian Football League;
- Australian Government Analytical Laboratories (AGAL) representatives;

- officers of the National Campaign Against Drug Abuse;
- Board members and representatives of the AOC, CAS and ACGA.

Education and Research

Major achievements in the areas of education and research include:

- Initial development of a major comprehensive survey into usage of, and behaviours and attitudes of athletes, coaches and the community at large towards, drugs in sport.
- Development of education programs on drugs in sport, including:
  - high schools in the ACT, NSW and Queensland — to be extended to all secondary schools in Australia;
  - community groups — NSW Police and Citizens' Youth Clubs;
  - elite sports people at the Australian Institute of Sport;
  - a package for administrators, medical practitioners, coaches, parents and the media as influences on athletes' decisions about drug usage;
  - use of an educational resource (with agreement on rights) of an episode of "A Country Practice" which featured the drugs in sport issue.
- Development of information activities including:
  - development of resource materials such as some 20 different pamphlets and brochures on the drugs in sports issue;
  - development and distribution of an ASDA promotional video which has had in the order of 400 screenings, as a public interest announcement, on commercial television stations nation-wide;
  - establishment in November 1989 of a telephone 'Hot-line' (free call Australia-wide) to provide callers (664 up to the end of June 1990) with information on drugs in sport;
  - approximately 130 information packages per month were being sent out at the end of 1989–90 as a result of Hot-line calls;
  - over 300 written requests for information were handled during 1989–90;
  - development of a reference centre (holdings of approximately 200 monographs and serials) and data base on materials relating to drugs in sport (1 100 records);
  - provision of a regular bibliographic service on drugs in sport to 90 subscribers such as Advisory Board members, IOC laboratories, State and Federal politicians;
  - distribution weekly of relevant news-clippings to 12 key contacts.

Sampling and Testing

The achievements and activities of the sampling and testing program included:

- Collection of 1 235 samples from sports people at particular events (60%) or out of competition (40%);
- Notification to relevant sporting organisations for action re sanctions of 50 samples which have proved to be analytically positive upon testing;
- Negotiation of arrangements to collect and arrange testing of samples from players in professional sports such as rugby league and Australian football (183 samples tested);
- Identification and training of an interstate pool of 19 drug control officials and 86 chaperons to collect samples;
- Establishment of a register of Government-funded athletes subject to testing during 1989–90 (1,272 entries up to the end of 1989–90);
- Participation in the process to have AGAL accredited by the IOC (accreditation announced in May 1990);
- Negotiation with AGAL to determine the commercial costs of drugs in sport testing to be conducted in 1990–91 for inclusion in ASDA's financial requirements for 1990–91 as a New Policy Proposal.

Management and Corporate Services

The major activities and achievements of the Management and Corporate Services area included:

- Participation in the creation of an Advisory Group of selected persons to assist in the operations of ASDA, pending establishment as a statutory authority.
- Provision of assistance to national sporting organisations and the ASC in the development of policies on drugs in sport.
- Liaison with, including the provision of information and briefings to, the Senate Inquiry into Drugs in Sport (the Black Inquiry).
- Participation with DASETT and the Commission in analysis and implementation of Inquiry recommendations.
- Participation in a range of international activities relating to drugs in sport:
  - representation at the Second World Anti-Doping Conference (181 delegates from 31 countries), Moscow, October 1989;
  - signatory, along with the major Olympic countries, of the 1989 Rome Agreement on anti-doping;
  - participation in the drawing-up of anti-drug agreements between the major Commonwealth countries particularly with a view towards finalising a three-way agreement on drugs in sport between Australia, Canada and Great Britain;
  - monitoring of the Dubin judicial Inquiry into the drugs in sport issue in Canada and the British Sports Council Inquiry into Weightlifting.
- Negotiation of a range of commercial sponsorships for ASDA functions.
- Design and implementation of a wide range of administrative practices and procedures, including preparation of a draft strategic plan;
- Provision of briefings throughout the year, as appropriate, to the previous and present Ministers for such bodies as DASETT, the ASC, and the ACC on matters relating to ASDA operations or the drugs in sport issue generally;
- Preparation, in conjunction with DASETT, of draft regulations to be authorised under the proposed ASDA Act 1990.

Outlook

Key activities to be undertaken by ASDA during 1990–91 include:

Education and Research:

- Action related to the proposed survey into usage of and attitudes towards drugs in sport, initiated in 1989–90;
- Development of education packages on drugs in sport, including for secondary schools, but also for those who may influence an athletes decisions about drugs in sport;
- Evaluation of ASDA's education and information activities re effectiveness;
- Participation in research proposals relating to drugs in sport;
- Continued development of ASDA's information and reference data base;
- Production and distribution of ASDA's newsletter at regular intervals throughout 1990–91.

Sampling and Testing:

- Conducting of 2 000 public interest drug tests under ASDA management during 1990–91;
- Collection of up to 1 000 additional samples on behalf of professional and other sporting organisations on a cost recovery basis;
- Expansion and updating of ASDA register of competitors available for testing and results achieved.

Management and Corporate Services:

- Involvement in the process to have ASDA created as a separate statutory authority, including advice on legislation;
- Participation in responses to recommendations of the Senate Inquiry into Drugs in Sport (the Black Inquiry);

- Preparation of ASDA strategic and operational plans;
- Provision of information on, and implementation of revised practices and procedures relevant to, ASDA's creation as a statutory authority, including advice on legislation;
- Negotiation of international agreements on drugs in sport;
- Consideration of international developments on the drugs in sport issue, for example, the report of the Dubin Inquiry;
- Continued assistance to sporting organisations on development of policies on drugs in sport;
- Preparation of an Annual Review of ASDA's operations 1989–90;
- Servicing of ASDA Advisory Group and, when created, ASDA Board.

CHAPTER EIGHT: CORPORATE SERVICES

CHAPTER EIGHT: CORPORATE SERVICES

Objective

The objective of the Corporate Services Division of the Commission is:

- to facilitate the achievement of the Commission's goals by the provision of effective and responsible executive management, administration, ADP systems, planning and common services.

Overview

The Corporate Services Division of the Commission includes the areas of personnel, finance, and computing. Each of these programs provide services, expertise and advice in support of the effective and efficient management and administration of the Commission and the execution of the Commission's responsibilities.

The operation of the Commission's facilities also falls within this area of responsibility. The facilities program ensures that facilities are maintained at the highest possible standard both for the purposes of the Commission's programs and to meet the training needs of Olympic and other high profile sports. It also seeks to ensure that public use of facilities at the Australian Institute of Sport campus, at times when these are not required for programs of the Commission, is maximised for the purpose of offsetting costs of their operation.

The specific objectives and program outcomes of each of these areas are detailed in the following chapter.

Personnel

The objectives of the Personnel Section are to optimise the Commission's performance through:

- applying sound job design and classification skills;
- fair and effective recruitment, training and staffing practices;
- providing a safe and healthy working environment;
- efficient and accountable delivery of entitlements; and
- contributing to accountable management practices.

To achieve these objectives the aims of the Section were:

- to minimise time delays in recruiting staff to fill vacancies;
- to increase the number of staff undertaking development and training opportunities;
- to improve the status of personnel records at a point in time;
- to improve the outcome of matters of industrial democracy.

Terms and conditions of employment for staff are determined by the Commission. Generally they reflect the practices and conditions of the Australian Public Service.

In the development and support of elite athletes, the Commission operates as the Australian Institute of Sport (AIS). This requires unique expertise, particularly in coaching, and changing emphasis according to Australia's performance in international sporting competition. The required expertise is obtained by a changing blend of salaried employees and fee for service contractors. In 1989–90 the arrangements for AIS coaches continued to change in favour of fee for service contracts.

An external consultant was engaged to review coaches' remuneration and career structure and a report was completed in May 1990 for consideration by the Board of the Commission. An external review of the Sports Science and Medicine area was commenced in May 1990, with a report to be completed in September 1990. An office structures review was completed and, with increased provision of

Commission Staffing Levels as at 30 June 1990

	Staff		*Contract Officers*	
	Full time	*Part time*	*Full time*	*Part time*
Executive	4	—	—	—
Executive Support	4	—	—	—
Coaches	17	—	43	3
Sports Science & Medicine	21	5	7	7
Sports Administration				
Elite Sports	15	7	6	4
Sports Development	10	—	1	—
Sports Participation	8	2	5	—
Sports Aid Foundation	1	—	—	—
Information Centre	7	—	3	1
Marketing & PR	4	3	—	—
Corporate Services				
Secretariat	1	1	—	—
Residence	15	8	—	—
Facilities	40	2	—	—
Finance	10	1	—	—
Personnel	6	3	—	—
Services	10	2	—	—
Computer Services	5	—	1	—
Total*	180	34	66	15

* Excludes Work Trainees

computer equipment and keyboard training, designated keyboard positions were phased out. The Commission also increased administrative support for coaches and engaged additional maintenance staff following a decision to cease contract maintenance arrangements for the AIS facility and Commission headquarters in Canberra.

During the year the Commission engaged a full time Occupational Safety and Health Officer as part of its commitment to provide a safe and healthy environment for athletes, staff and the public. The National Safety Council of Australia awarded the Commission a 4 Star rating in 1989 and a program is in place to achieve the highest 5 Star rating during 1990–91.

Training and development continued to be a major thrust. Staff attended a range of seminars, workshops and other training programs in specific technical areas and in more general work skills such as communication, supervision, planning, negotiating, budgeting, marketing and management. A further analysis of training needs was commenced to develop further a strategic approach to training and development. In addition, special funding was provided to ensure that coaches and sports science and medicine specialists could develop their professional skills through attendance at conferences, seminars, workshops and development programs tailored to the individual. This included a number of overseas programs to ensure that Australia continues to contribute to and benefit from developments in sport around the world.

A firm of consultants completed an assignment on developing an approach to increased staff participation in planning and

decision making. The consultants' report was considered by the Board of the Commission and a follow-up workshop of program managers was conducted to develop an implementation plan. It is expected that implementation of the recommendations endorsed by staff will be completed in 1990.

Finance

The objectives of the finance section are:

- to manage financial resources;
- to provide financial information;
- to develop and review financial policies and procedures;
- to maintain cash management;
- to provide budget estimates and ensure that funds are distributed in accordance with Commission priorities; and
- to provide advice to ensure that programs comply with financial requirements.

To achieve these objectives the aims of the program were:

- to increase the degree of satisfaction of the Executive, the Commission, Pogram Managers and creditors with services provided;
- to improve the sections ability to meet deadlines;
- to minimise the number and age of outstanding debts;
- to reduce the time lag between end of accounting period and issue of financial reports and degree of satisfaction with format and accuracy of information provided;
- to improve the nature and degree of comments relating to the Commonwealth's financial management, systems and operation in internal and Commonwealth audit reports.

The Finance Section is responsible for financial policies and procedures, accounts processing, travel acquittals, receipt of funds and control of debts, financial statutory and program reporting and statistical analysis, budget co-ordination and monitoring and program evaluation.

The Budgets sub-section is responsible for liaising with the Portfolio Co-ordinator at the Department of the Arts, Sport, the Environment, Tourism and Territories and the Department of Finance on the Commission's budget, allocating available funds within the limitations and guidelines set by the Government and the Commission, monitoring, reporting and advising on expenditure trends and providing advice and assistance on budgeting matters and program evaluation.

As a result of the implementation of the Government's "Next Step" for sport, the Finance Section became responsible for a total budget of more than $50m in 1989–90, up from around $33m in 1988–89. The "Next Step" provides a four year funding commitment to sport by the Government allowing the Commission to plan and develop its programs in a stable environment and in turn enter into agreements with and make commitments to sporting organisations, state governments, etc.

1989–90 saw the continuation of a funding arrangement with the Department of Finance which includes the establishment of revenue targets within the Commission's overall budget formula. Revenue targets are adjusted annually by the relevant deflator applied to Government appropriations.

The Accounts sub-section is responsible for the accounting functions of the Commission including the receipt and payment of moneys, the processing of purchase orders and the preparation of the annual financial statements. During 1989–90, approximately 46 000 transactions including payments, receipts and journals were posted to the computerised general ledger. This represents an increase of around 2 000 transactions over 1988–89. An unqualified audit report was issued on the Commission's 1988–89 annual financial statements.

During 1989–90, the Commission's computerised financial accounting system was expanded to allow on-line enquiry and data entry access to its state offices and enquiry access to program managers in Canberra. This

has led to efficiencies in accounts processing as well as providing up-to-date financial information for program managers across the country. The accounting system is expected to be upgraded during 1990–91 to take further advantage of the efficiencies available.

The major asset control project undertaken by the Commission over the last two years was completed during 1989–90. The project involved a complete stocktake of assets at the Canberra site and state offices, the development of policies and procedures for the control of assets and the establishment of a computerised asset register including the use of technologies such as electronic bar code readers and automatic exception reports.

Internal audit

The accounting firm Price Waterhouse is contracted by the Commission for the provision of internal audit services.

During 1989–90, Price Waterhouse staff conducted regular audits of the Commission's operations in accordance with the agreed internal audit program. This generally comprises a two year rotational plan which provides for a detailed review of certain areas and a limited review of others in one year and vice versa the next year. This process provides optimal audit coverage commensurate with cost. Audit staff also held regular meetings with Commission management to discuss audit priorities, areas of audit concern, reports issued and internal audit progress.

The internal audit work performed during 1989–90 included:

- Compliance based audit of Corporate Services group — an on-going review of the major accounting systems within the Corporate Services area to ensure that all key controls operate satisfactorily and are effective.
- ADP Audit review — a continuation of an EDP audit review commenced in 1988–89 of the Commission's research and administration computer system with particular emphasis on environmental controls.
- Kitchen Operations — a review of the Commission's kitchen operations centring on purchasing procedures and including a review of controls and compliance with procedures.
- Bass Ticket Sales — focused mainly on the procedures and controls over Bass ticket sales for major concerts held at the Bruce Stadium and other AIS venues.
- Grant Funding Programs — the scope of the work performed included both a compliance audit and an operational efficiency and effectiveness review of the Commission's grant funding programs.
- Brisbane Branch Audit — review carried out in conjunction with Commission staff.
- Fraud Control Plan — at the Commission's request a fraud risk assessment was undertaken and a fraud control plan produced.

Reports were provided to management on a regular basis in relation to the above reviews, and recommendations were made to correct any identified weaknesses. All matters brought to the attention of management were investigated and any remedial action considered necessary taken. Details of all reports and proposed remedial action were provided to the Commission for consideration. Price Waterhouse also provided assistance in the preparation of the Commission's 1989–90 annual financial statements.

Facilities

The objectives of the Facilities Section are:

- to establish, manage, develop and maintain a sports facility of international standard to meet the requirements of the Commission's programs as well as encouraging community use; and
- to maximise efficiency.

To achieve these objectives the aims of this program were:

- comparative analysis of costs against revenue based on previous years and taking into account usage patterns;

- analysis of costs on a program basis and/or within discrete areas e.g.
  - maintenance
  - energy;
- analysis of revenue on the following basis:
  - in relation to targets
  - on a building by building basis
  - by hiring group
  - by activity group;
- analysis of usage patterns:
  - numbers of patrons
  - hours booked
  - AIS vs community use
  - dead time;
- analysis of the level and scope of us by the ASC's programs as a comparison with previous years and whether the expectations of coaches/athletes were satisfied.

The Facilities Section provides facilities support for athletes at the Australian Institute of Sport and for sports camps at the Institute, optimises community use of facilities and undertakes such developments as are feasible for additional, safer or more efficient facilities. To achieve this it ensures that all buildings and grounds are maintained to a standard commensurate with an international facility located in the national capital and is developing a comprehensive database on the efficiency, cost and life cycle of plant, equipment and facilities within the complex. It also provides a technical support service.

The Section has two sub-sections, "Operations" and "Maintenance and Engineering Services". The Operations sub-section is responsible for all matters relating to the promotion, use and operation of the facilities by the Commission and all other users. The Maintenance and Engineering Services sub-section is responsible for the planning, execution, supervision and evaluation of all maintenance and capital works.

The major programs on the computer system are the maintenance management system which assists with the planning, programming and analysis of all maintenance and a management package. The computerised facility booking system has been prepared and will be phased in during the next financial year.

Income from the hire of facilities amounted to $1 056 837. This was a satisfactory result given the continued increase in use of the facilities by the Commission for the residential and National Sports Programs and the marked downturn in the entertainment industry which was reflected in the number of major events held during this period being down on previous years.

Expenditure for the year was $6 360 395 and outstanding commitments of $1 818 890 which included all capital works expenditure and capital works carried forward/outstanding commitments.

All maintenance activities and capital works are supervised by the Chief Engineer with support from Senior Technical Officers and clerical assistance. Casual staff, consultants and contractors are engaged to undertake specific tasks. The contract with Australian Construction Services to provide a day labour service and administration of a range of service and maintenance contracts was terminated on 1 January 1990 and a new maintenance regime was implemented, including setting up a workshop with a permanent staff of tradesmen.

Data collection to assist full life cycle costing was completed and has been used to assess performance of maintenance staff. Energy audits were undertaken and reduced charging rates have been implemented.

Major capital works completed or commenced during the year included:

- Services Building — to provide essential workshop facilities and for storage of equipment and supplies.
- Residence Reception — to provide a functional reception and office area for the residence.
- Rowing Complex — extensions to increase storage for craft and provide a gymnasium.
- Increase in administrative office accommodation for additional Commission staff.
- Upgrading of swimming pool plant to correct plant capacity inadequacies.

- Canoeing facility — design work has commenced and a site lease is being negotiated.
- Office accommodation for coaches.

During January 1990, the Institute's facilities were extensively used for training for the Commonwealth Games in Auckland.

In April, the Institute's facilities provided venues for many events of the National Wheelchair Games which were held in Canberra.

The National Outdoor Stadium was upgraded to accommodate field sports and has been sub-leased to the ACT Government. In return, the Warm-up Track has also been upgraded and is capable of accommodating most national athletics events. The Unisys Canberra Cannons played eight games of the 1989 National Basketball League season in the Indoor Arena including three finals games. In the period to 30 June, ten games of the 1990 season were played. 23 500 patrons attended eight concerts in the Indoor Arena which was also used to stage a major exhibition and a trade show. Attendances were less than one third of the previous year due to a significant downturn in the entertainment industry.

The Swimming and Tennis Centre provided training facilities for learn-to-swim classes, school training and recreation and public competition, training and exercise. The pool continues to be the venue for a large number of school carnivals and for national events. One-third of facilities revenue is from the Swimming and Tennis Centre.

Sports Training Facility use increased by over 50%, due mainly to extensive basketball and netball training use. In the light of increased AIS and NSP use, this is a very satisfactory result. Use of the outdoor grass and synthetic pitches declined as a result of ACT Hockey Association extensions to and greater use of their own facilities.

Computer Services

The major objectives of the Computer Services Section are:

- to provide athletes, coaches and sports scientists with up to date tools for the collection and analysis of data; and
- to make available systems that can be used to promote the efficiency of the administration of the organisation.

To achieve these objectives the aims of this program were:

- to satisfy the level of demand for computer services;
- the introduction, maintenance and growth of computer tools and systems;
- to increase the degree/level of satisfaction with services provided.

The use of computer technology is an essential part of many of the organisation's activities. Much of the work done in Sports Science is dependent on direct data capture by computer from instruments, and on computer aided data analysis and presentation techniques. Coaches are using computers to analyse athletes' performances while administrators are using computers to increase productivity and analyse financial data. In addition, many staff are benefiting from access to word processing and electronic mail facilities.

Computing facilities include several small "Digital Vax" computers connected to a larger Vax, a network of terminals and a number of personal computers, many of which can link to the Vax computers. Replacement of the main Vax in August 1989, in a rebuilt computer room, improved the service to existing users and allowed the increasing demand for new users to be met. A further computer upgrade will be necessary by mid 1991.

To handle the increase in terminals and printers, upgrade of the computer communications network was commenced with the installation of optical fibre connections between buildings on the campus. Further optical fibre runs will be laid this year and links to the interstate centres will be upgraded. There are now around 80 users of the network at any moment, with additional users coming on at a rate of 2–3 per month. Physical wiring and equipment installation have taken at least

20% of the section's human resources during the year.

Computing services were reviewed twice during the last year, once by external consultants evaluating the proposal for new equipment, and again by internal auditors who were looking at security and financial applications.

Computing staff increased to 4 technical staff and 1 training and support officer. Contract programming staff were used on projects taking approximately one person year. The training officer conducts courses on office automation products and is the first point of contact for callers to the "help desk".

The computing facilities have an impact on many areas of the organisation's work. For example, new spreadsheet and graphics packages installed during the year are now used effectively by coaches, administrators and sports scientists. Listed below are a range of projects that have been implemented or are currently under development.

A cricket coaching aid was completed with the Cricket unit in Adelaide. This is based on a battery operated lap top microcomputer which, with the appropriate data entry done at the match, can produce detailed statistics to assist in the assessment of performance. Conversion of a cycling performance analysis package, developed by Biomechanics staff, to a PC based system for the Adelaide cycling unit has commenced.

Two MicroVax computers are used for real-time data acquisition and analysis in Physiology and Biomechanics. Data base packages have been developed for Sports Psychology, Physiology and Medicine. The Hoslab Biochemistry system will be installed shortly and developments are planned for a database of all data collected by Sports Physiology. A sports medicine booking system is presently under development. Connection to the network of the Vicon video system in Biomechanics will be completed this year.

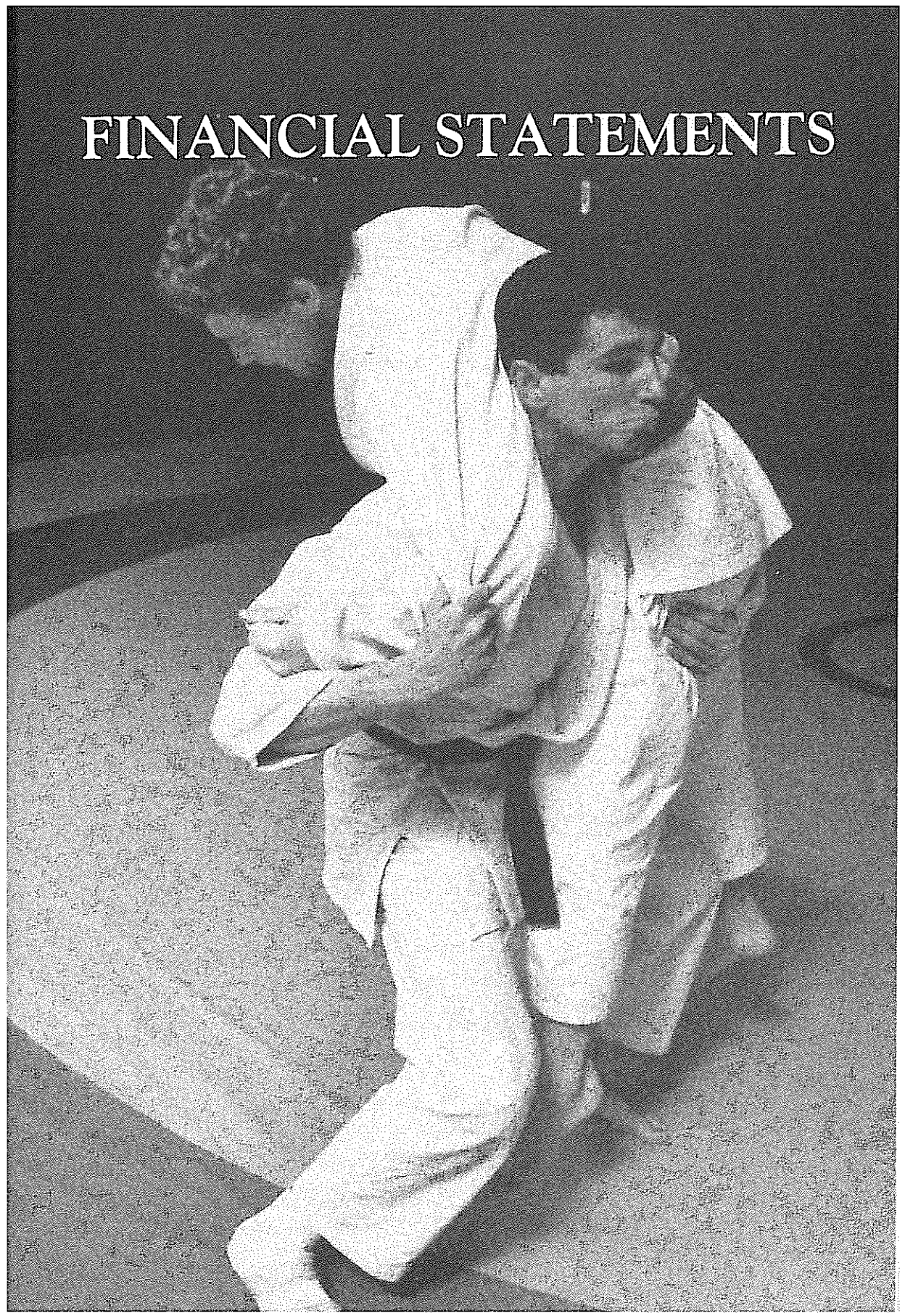
Packages used in administration areas include Library borrowings, Finance, Residence reservations, Personnel, Registry, Athlete Administration, Assets and an organisation wide mailing list. Common word processing and spreadsheet packages are widely used. A new Stores package commenced operation in June while booking systems for AIS tours and for facilities are near completion. Enhancements to the corporate mailing list package were completed and PC developments were commenced in Sports Participation.

A major new project just commenced is support for the commercial hotel reservation package used by the Residence. Support for the product has been dropped by the Australian franchise holder for the software.

PCs and shared laser printers were installed in the interstate offices at Brisbane, Perth and Adelaide.

The computer facilities address many different requirements of the organisation's work, giving access to a wide range of information and providing analysis and presentation tools. Digital Equipment Corporation (Australia) has continued to supply generous sponsorship in the form of a substantial discounting agreement.

FINANCIAL STATEMENTS



AUSTRALIAN NATIONAL AUDIT OFFICE

Medibank House
Bowes Street
Woden ACT 2606

Our ref: P90/0847

The Honourable the Minister for
the Arts, Sport, the Environment,
Tourism and Territories
Parliament House
CANBERRA ACT 2600

Dear Minister

AUSTRALIAN SPORTS COMMISSION
AUDIT REPORT ON FINANCIAL STATEMENTS

Pursuant to sub-section 63M(2) of the Audit Act 1901, the Australian Sports Commission has submitted for my report its financial statements for the year ended 30 June 1990. These comprise a Statement of Activity, Statement of Capital Accumulation, Statement of Assets and Liabilities, Statement of Sources and Applications of Funds and Notes to and forming part of the financial statements.

The statements have been prepared in accordance with the policies outlined in Note 1 to the financial statements and in accordance with the Guidelines for Financial Statements of Commonwealth Entities approved by the Minister for Finance. The statements are in the form approved by the Minister for Finance pursuant to sub-section 63M(1) of the Audit Act 1901. A copy of the financial statements is enclosed for your information.

These statements have been audited in conformance with the Australian National Audit Office Auditing Standards which incorporate the Australian Auditing Standards.

In accordance with sub-section 63M(2) of the Audit Act 1901, I now report that the statements are in agreement with the accounts and records of the Commission, and in my opinion:

- the statements are based on proper accounts and records, and
- the receipt, expenditure and investment of moneys and the acquisition and disposal of assets, by the Commission during the year have been in accordance with the Australian Sports Commission Act 1989.

Yours sincerely

P M Worthy

P.M. Worthy
Acting Executive Director
Australian National Audit Office

18 December 1990

AUSTRALIAN SPORTS COMMISSION

FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE, 1990

In our opinion, the accompanying statements of the Australian Sports Commission consisting of:

- Statement of Activity
- Statement of Capital Accumulation
- Statement of Assets and Liabilities
- Statement of Sources and Applications of Funds
- Notes to and forming part of the Financial Statements

which have been made out in accordance with the Guidelines for Financial Statements of Commonwealth Entities issued by the Minister for Finance:

(i) show fairly the surplus of the Commission for the year ended 30 June 1990

(ii) show fairly the state of affairs of the Commission as at 30 June 1990

Canberra, 17 December, 1990

Chairman

Deputy Chairman

AUSTRALIAN SPORTS COMMISSION

STATEMENT OF ACTIVITY FOR THE YEAR ENDED 30 JUNE, 1990

	NOTES	1990 $	1989 $
OPERATING REVENUE			
Commonwealth Parliamentary Appropriation			
— Recurrent expenses		42 466 000	26 203 000
— Capital works and services		580 000	1 062 000
		43 046 000	27 265 000
Parliamentary appropriations for capital items transferred to Statement of Capital Accumulation		(580 000)	(1 062 000)
		42 466 000	26 203 000
Australian Sports Foundation	2	8 973 533	5 585 205
Contributions from State Governments and national sporting organisations	3	937 085	486 876
Sponsorship	4	839 556	667 930
Revenue from public use of facilities	5	1 056 837	1 125 936
Interest from investments/deposits		829 608	527 282
Residence revenue		673 868	667 337
AIS shop		329 860	322 477
Special grants	6(a)	108 362	94 900
Miscellaneous revenue		282 222	198 996
Net gain from sale of non-current assets		59 136	19 671
TOTAL OPERATING REVENUE		56 556 067	35 899 610

OPERATING EXPENSE

Programs:	7		
— Elite Sports		14 781 507	8 389 388
— Sports Development		21 494 225	12 637 212
— Sports Participation		3 031 183	915 645
— Sports Science/Medicine and Research		2 304 108	1 656 074
— Facilities		4 405 029	4 356 985
— National Sports Information Centre		544 743	379 301
— Corporate Services		3 790 027	3 371 001
— Australian Sports Drug Agency		850 000	207 000
— National Sports Facilities		796 974	1 615 162
		51 997 796	33 527 768
Australian Sports Foundation	2	47 153	37 363
AIS shop		269 325	253 843
Special grants	6(b)	178 093	84 616
Abnormal items	12	(46 954)	1 326 530
TOTAL OPERATING EXPENSE		52 445 413	35 230 120
OPERATING SURPLUS BEFORE PROVISIONS AND UNFUNDED CHARGES		4 110 654	669 490
Less provisions and other unfunded charges:			
— Annual leave		577 268	437 796
— Long service leave		347 446	312 114
— Depreciation		1 240 490	1 071 277
— Superannuation benefits		41 372	186 634
Aggregate of provisions and unfunded charges		2 206 576	2 007 821
OPERATING SURPLUS/(DEFICIT)		1 904 078	(1 338 331)
Retained surplus/(accumulated deficit) at beginning of financial year		(1 338 331)	—
RETAINED SURPLUSES/(ACCUMULATED DEFICITS) AT THE END OF FINANCIAL YEAR		565 747	(1 338 331)

The accompanying notes form an integral part of the Financial Statements

AUSTRALIAN SPORTS COMMISSION

STATEMENT OF CAPITAL ACCUMULATION FOR THE YEAR ENDED 30 JUNE, 1990

	NOTES	1990 $	1989 $
Balance at beginning of financial year	21	7 580 469	6 518 469
Parliamentary appropriations for capital items transferred from Statement of Activity		580 000	1 062 000
Assets received free of charge	1(h)	99 985 000	—
Balance at end of financial year		108 145 469	7 580 469

The accompanying notes form an integral part of the Financial Statements

AUSTRALIAN SPORTS COMMISSION

STATEMENT OF ASSETS AND LIABILITIES AT 30 JUNE, 1990

	NOTES	1990 $	1989 $
CURRENT ASSETS			
Cash	10	4 704 068	5 016 127
Receivables	11	937 975	670 699
Inventories	1(j)	165 993	236 758
Other	18	948 256	275 272
TOTAL CURRENT ASSETS		6 756 292	6 198 856
NON-CURRENT ASSETS			
Property, plant and equipment	13	105 842 704	3 227 315
TOTAL NON-CURRENT ASSETS		105 842 704	3 227 315
TOTAL ASSETS		112 598 996	9 426 171
CURRENT LIABILITIES			
Creditors and borrowings	14	1 911 085	1 549 829
Provisions	15,16	1 003 455	1 169 176
TOTAL CURRENT LIABILITIES		2 914 540	2 719 005
NON-CURRENT LIABILITIES			
Provisions	15,16	973 240	465 028
TOTAL NON-CURRENT LIABILITIES		973 240	465 028
TOTAL LIABILITIES		3 887 780	3 184 033

	NOTES	1990 $	1989 $
NET ASSETS		108 711 216	6 242 138
EQUITY			
Capital Accumulation		108 145 469	7 580 469
Retained Surpluses/(Accumulated Deficits)		565 747	(1 338 331)
TOTAL EQUITY		108 711 216	6 242 138

The accompanying notes form an integral part of the Financial Statements

AUSTRALIAN SPORTS COMMISSION

STATEMENT OF SOURCES AND APPLICATIONS OF FUNDS FOR THE YEAR ENDED 30 JUNE, 1990

	1990 $	1989 $
SOURCES OF FUNDS		
Funds from operations		
Inflows of funds from operations		
Contributions from State Governments and national sporting organisations	937 085	486 876
Sponsorship	839 556	667 930
Revenue from public use of facilities	1 056 837	1 125 936
Interest from investments/deposits	829 608	527 282
AIS shop	329 860	322 477
Residence revenue	673 868	667 337
Special grants	108 362	94 900
Miscellaneous revenue	282 222	198 996
Australian Sports Foundation	8 973 533	5 585 205
Funds from Government		
Parliamentary Appropriation		
Recurrent expenses	42 466 000	26 203 000
Proceeds from sale of non-current assets		
Plant and equipment	297 063	179 343
	56 793 994	36 059 282
Less: Outflows of funds from operations	52 683 277	35 389 729
Net funds from operations	4 110 717	669 553
Capital Funds from Government		
Parliamentary Appropriation		
Equity contributions	580 000	1 062 000
Assets received free of charge	99 985 000	—

	1990 $	1989 $
Reduction in Assets		
Current Assets		
Cash	312 059	—
Inventories	70 765	—
Other	—	38 002
Non-current Assets		
Property, Plant and Equipment	261 186	1 486 200
Increase in Liabilities		
Current Liabilities		
Creditors and borrowings	361 256	—
TOTAL SOURCES OF FUNDS	105 680 983	3 255 755

The accompanying notes form an integral part of the Financial Statements

AUSTRALIAN SPORTS COMMISSION

STATEMENT OF SOURCES AND APPLICATIONS OF FUNDS FOR THE YEAR ENDED 30 JUNE, 1990

	1990 $	1989 $
APPLICATIONS OF FUNDS		
Increase in Assets		
Current Assets		
Cash	—	1 639 989
Receivables	267 275	31 514
Inventories	—	54 237
Other	672 984	—
Non-current Assets		
Property, Plant and Equipment	104 117 129	963 255
Reduction in Liabilities		
Current Liabilities		
Creditors and borrowings	—	18 981
Other applications of funds		
Recreation leave paid	465 715	477 361
Long service leave paid	127 209	62 921
3% superannuation paid	30 671	7 497
TOTAL APPLICATIONS OF FUNDS	105 680 983	3 255 755

The accompanying notes form an integral part of the Financial Statements

NOTE		1990 $	1989 $
RECONCILIATION OF OPERATING RESULT WITH FUNDS FROM OPERATIONS			
Operating Surplus/(Deficit) per Statement of of Activity		1 904 078	(1 338 331)
Add:			
• Provisions and other unfunded charges		2 206 576	2 007 821
• Depreciation-Australian Sports Foundation		63	63
Net Funds from Operations		4 110 717	669 553

The accompanying notes form an integral part of the Financial Statements

AUSTRALIAN SPORTS COMMISSION

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE, 1990

1. STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES

The principal accounting policies adopted by the Australian Sports Commission are stated to assist in a general understanding of these financial statements. These policies have been consistently applied by the Commission except as otherwise indicated.

(a) Basis of Accounting

(i) The financial statements have been prepared on an accruals basis. 1988–89 comparative amounts incorporate the financial activities of the former Australian Sports Commission (ASC) and Australian Institute of Sport (AIS).

(ii) The financial statements have been prepared on the basis of historical cost and do not reflect current valuation of non-current assets, except as otherwise stated.

(iii) The financial statements incorporate the activities of the Australian Sports Foundation.

(iv) The legislation amalgamating the former Australian Sports Commission and the Australian Institute of Sport was proclaimed on 1 May 1989.

(b) Capitalisation of Assets

The Commission capitalises all individual asset purchases of $500 or more.

(c) Depreciation

Assets are depreciated over their anticipated useful lives using the straight line method, with depreciation commencing from the date of acquisition. Gains and losses on disposal of property, plant and equipment, other than land are taken into account in determining the surplus for the year.

(d) Investments

The Commission banks with the Australia and New Zealand Banking Group Limited. Funds not immediately required are invested by way of term deposit or short term call account.

(e) Annual and Long Service Leave

For long service leave, the provision is based on a period of ten years eligible service with Commonwealth or State governments or statutory authorities, and the accrual begins from commencement of the sixth year of service. The provision comprises current and non-current portions, the current provision being the amount expected to be paid within the next twelve months. The provision for recreation leave is based on the value of actual entitlements at balance date and includes a leave loading component. This provision is included under current liabilities.

Payment of long service leave and annual leave are funded from Parliamentary appropriation on an as required basis.

(f) Income Tax

The Commission is exempt from taxation by virtue of section 50 of its enabling legislation. Consequently, no provision for income tax is required.

(g) Sponsorship

Sponsorships are brought to account as and when received except where a contractural agreement exists with the sponsor.

(h) Land and Buildings

Ownership of the land and buildings at the Bruce ACT site of the Commission is vested in the Commonwealth. In accordance with the revised Guidelines for Financial Statements of Commonwealth Entities the Commission has brought to account the value of the land and buildings as at 30 June 1990 on the basis of a valuation performed by the Australian Valuation Office.

The valuation is on the basis of replacement cost less depreciation from the date of construction.

(i) Comparative Figures

In June 1990 the Department of Finance issued revised Guidelines for Financial Statements of Commonwealth Entities, which have been adopted for 1989/90. Certain terminology and comparative amounts have been reclassified to conform with:

a) the revised 1990 presentation required by those Guidelines, and

b) a revised 1989/90 program structure.

(j) Inventories

As a result of a change in the Commission's policy relating to capitalisation of inventory, all consumables (except for stock held for resale by the AIS Shop) is now expensed. Therefore, a direct comparison between the 1989 and 1990 balances of Inventories shown in the Statement of Assets and Liabilities is not possible.

2. AUSTRALIAN SPORTS FOUNDATION

The Australian Sports Aid Foundation was incorporated on 18 February 1986, as a company limited by guarantee. It changed its name to the Australian Sports Foundation on 2 August 1989. The objective of the Foundation is to raise money for the purposes of the Commission. All funds raised by the Foundation are passed to the Commission.

	1990 $	1989 $
Income derived by the Foundation comprises:		
Donations	8 838 587	5 515 114
Interest	134 946	64 885
Sponsorship	—	5 206
	8 973 533	5 585 205

The financial statements do not reflect the cost of managerial, technical and professional services and resources provided by the Commission under arrangements between the Commission and the Foundation. The cost of such services provided during the year ended 30 June 1990 was approximately $46 000 ($80 000 in 1988/89).

Expenses incurred by the Foundation comprise:		
Accountancy fees	21 560	12 020
Auditors' remuneration	3 617	2 637
Bank charges	428	354
Incidentals	303	1 737
Office requisites, printing, and others	5 509	2 718
Salaries and related expenses	14 776	15 131
Travel and subsistence	960	2 766
	47 153	37 363
Accumulated funds of the Foundation comprise:		
Operating account	(9 899)	4 014
Donations account	1 267 042	1 760 584
	1 257 143	1 764 598

3. CONTRIBUTIONS FROM STATE GOVERNMENTS AND NATIONAL SPORTING ORGANISATIONS

	1990 $	1989 $
New South Wales	15 000	15 000
Queensland	248 285	61 450
South Australia	50 000	25 855
Victoria	20 000	24 371
Western Australia	83 800	60 200
Drug Offensive Meets — (All States)	230 000	—
Australian Cricket Board	140 000	150 000
Australian Rugby Football Union	150 000	150 000
	937 085	486 876

To assist in running Diving, Squash, Rugby Union, Athletics and Gymnastics located in Brisbane, the Brisbane City Council provided facilities and services free of charge having an estimated value of $162 537 ($120 000 in 1988/89). Details are as follows:

- Sleeman Sports Complex — office accommodation, cleaning, power and training facilities (diving pool, gymnastics and weight training halls).

- QEII Sports Complex — squash courts, training tracks and weights gymnasium.

To assist in running the Cycling and Cricket Units in Adelaide, the South Australian Government through the South Australian Sports Institute, provided facilities for coaching services, sports medicine services and administrative support free of charge having an estimated value of $65 000 ($115 855 in 1988/89).

To assist in running the Hockey Unit in Perth, the Western Australian Government through the Ministry of Sport and Recreation provided facilities free of charge having an estimated value of $57 690 ($34 400 in 1988/89).

	1990 $	1989 $

4. SPONSORSHIP

Cash Sponsors	277 579	336 194
Endorsements	174 899	183 163
Scholarships	15 000	55 750
Signage	44 700	77 007
	512 178	652 114
Capital equipment in-kind		
Computer hardware and PABX system	327 378	15 816
	839 556	667 930

In addition, the Commission received training equipment, computer software, motor vehicle hire, medical items and wearing apparel by way of sponsorship in kind. The assessed value to the Commission was $304 573 ($411 135 in 1988/89).

5. REVENUE FROM PUBLIC USE OF FACILITIES

Indoor Stadium	288 665	370 333
Outdoor Stadium	35 116	65 334
Aquatic-Tennis Centre	451 325	431 992
Frank Stewart Training Facilities	147 795	111 606
Other	133 936	146 671
	1 056 837	1 125 936

	1990 $	1989 $

6. SPECIAL GRANTS

a) REVENUE

Excel Publication	36 894	42 900
Ward Grant	7 500	—
AANA Gweneth Benzie Award	1 200	—
NSWNA Award	1 200	—
McDonalds Tennis	30 000	30 000
Rowing Study	30 802	—
Fitness Profile Study — Repco	766	—
Australian Basketball Federation	—	10 000
Iron Study — Australian Meat and Live-stock Corporation	—	12 000
	108 362	94 900

b) EXPENDITURE

Adolescent Development Study	166	743
Excel Publication	49 593	12 873
Rexona — de Castella Grant	—	4 681
Ward Grant	2 622	—
NSWNA Award	1 200	1 190
AANA Gweneth Benzie Award	—	1 270
McDonalds Tennis	70 974	8 000
Fitness Profile Study — Repco	—	12
Pistol Shooting Study	1 715	1 064
Cycling Study	—	7 556
Swimming Study	1 893	3 282
Rowing Study	48 767	16 840
Blood Study	—	706
Australian Basketball Federation	—	8 216
Iron Study — Australian Meat and Live-stock Corporation	1 163	18 183
	178 093	84 616

7. PROGRAMS EXPENDITURE

i) The total expenditure on programs disclosed in the Statement of Activity can be reclassified as follows:

Salaries and related costs	9 298 901	7 989 571
Travel and subsistence	4 644 264	2 896 138
Grants	27 769 503	15 061 753
Administrative and other expenses	10 282 128	7 580 306
	51 994 796	33 527 768

ii) The expenditure on the Sports Programs can be further classified as follows:

a) Elite Sports:

Residential Sports	8 643 084	6 281 984
National Sports Program	1 389 021	503 165
Sports Talent Encouragement Plan	1 667 532	725 900
Elite coaching	1 037 114	140 505
International exchange	23 672	32 148
Intensive training centres	1 211 680	—
AIS Halls of Residence	(445 162)	(282 327)
Administration	1 254 566	988 013
	14 781 507	8 389 388

b) Sports Development:

National Sporting Organisations		
— coaching grants	2 190 366	1 231 000
— administration grants	2 811 478	2 152 000
— competition grants	3 727 000	2 249 000
— development grants	1 461 000	432 000
— junior development grants	425 000	571 000
Seminars	20 145	19 656
Disabled sports	834 391	611 834
Administration	558 010	518 640
Australian Sports Foundation grants	9 466 835	4 852 082
	21 494 225	12 637 212

c) Sports Participation:

AUSSIE Sports	1 297 753	606 085
Youth Sports	1 374 006	10 994
Women in Sport	175 207	128 582
Administration	184 217	169 984
	3 031 183	915 645

iii) The items included in "Australian Sports Foundation grants" in expenditure under the Sports Development Program represents the funds raised by the Australian Sports Foundation and passed to the Commission in 1989/90 for payment to various bodies. All funds received in 1989/90 were paid out. Details of the payments are as follows:

Assistance to National Sporting Organisations	3 122 171	2 203 530
Olympic Games Assistance	91 329	1 108 236
Olympics for Melbourne Fund	6 251 335	1 531 333
Other Sponsorship	2 000	8 983
	9 466 835	4 852 082

8. COMMISSIONERS REMUNERATION

Included in the Corporate Services Program expenses item in the Statement of Activity is the remuneration paid to the Commissioners. In 1989/90 a total of $86 322 ($98 286 in 1988/89) was paid to the Commissioners as remuneration.

The number of Commissioners paid by salary band is as follows:

	1990	1989
below $10 000	10	14
$10 000–$20 000	2	2

All remuneration paid to the Commissioners was in accordance with a determination of the Remuneration Tribunal.

9. EXECUTIVES REMUNERATION

Executives remuneration (incorporated in Corporate Services Program expenses) by salary band is as follows:

$ 85 000–$ 95 000	NIL	NIL
$ 95 001–$105 000	1	1

The aggregate remuneration to the above executives totalled $102 633 in 1989/90 ($103 092 in 1988/89).

10. CASH

	1990 $	1989 $
Australian Sports Commission	3 427 608	3 329 673
Australian Sports Foundation	1 276 460	1 686 454
	4 704 068	5 016 127

11. RECEIVABLES

	1990 $	1989 $
Sundry debtors		
Australian Sports Commission	1 003 888	611 710
Less provision for doubtful debts	(95 000)	(81 538)
Australian Sports Foundation	—	82 424
Interest receivable	29 087	58 103
	937 975	670 699

12. ABNORMAL ITEMS

As part of a complete review of asset control procedures in 1988/89 the ASC, following a recommendation of the Australian National Audit Office, increased its asset capitalisation limit from $100 to $500. A full stocktake was undertaken and forms the basis of the value of non-current assets shown in the Statement of Assets and Liabilities.

As a result of the completion of the asset stocktake and subsequent stocktakes during 1989/90, it was necessary to write back assets that had been previously written off. These assets had a written down value of $46 954.

The abnormal item in 1988/89 represents the written down value of assets purchased prior to 1988/89 and written off during that financial year. The write-off of assets resulted mainly from the change in the capitalisation limit and also includes losses and deficiencies revealed in the course of the stocktake. A dissection between the two categories cannot be readily ascertained. However, the historic cost of those assets valued between $100 and $500 was estimated at $1 200 235.

13. PROPERTY, PLANT AND EQUIPMENT

Property, Plant and Equipment is included in the financial statements on the following basis:

AT COST:

	1990 $	1989 $
Furniture and fittings*	286 557	265 649
Less accumulated depreciation	178 492	143 392
	108 065	122 257

	1990 $	1989 $
Plant and equipment	6 604 775	5 017 103
Less accumulated depreciation	3 756 865	3 163 131
	2 847 910	1 853 972
Motor vehicles	981 855	857 992
Less accumulated depreciation	300 131	239 846
	681 724	618 146
Buildings	1 378 957	300 001
Work in progress	320 935	130 670
	1 699 892	430 671
Less accumulated depreciation	54 908	31 394
	1 644 984	399 277
Leasehold improvements	668 515	284 516
Less accumulated depreciation	93 494	50 853
	575 021	233 663
Total Property, Plant and Equipment at Cost	10 241 594	6 855 931
Less accumulated depreciation	4 383 890	3 628 616
	5 857 704	3 227 315
AT VALUATION: (Note 1(h))		
Land	16 550 000	—
Buildings	83 435 000	—
	99 985 000	—
TOTAL PROPERTY, PLANT AND EQUIPMENT	105 842 704	3 227 315
*Includes the assets of the Australian Sports Foundation as follows:		
Furniture and fittings	313	313
Less accumulated depreciation	195	132
	118	181

14. CREDITORS AND BORROWINGS

	1990 $	1989 $
Accrued expenses—		
Australian Sports Commission	1 109 198	685 243
Australian Sports Foundation	19 435	4 422
Sundry creditors—		
Australian Sports Commission	782 452	860 125
Australian Sports Foundation	—	39
	1 911 085	1 549 829

15. PROVISIONS

CURRENT LIABILITIES

Provision for annual leave	743 022	631 469
Provision for long service leave	28 431	522 892
Provision for superannuation benefits (Note 16)	232 002	14 815
	1 003 455	1 169 176
NON-CURRENT LIABILITIES		
Provision for long service leave	973 240	258 542
Provision for superannuation benefits (Note 16)	—	206 486
	973 240	465 028

16. PROVISION FOR SUPERANNUATION BENEFITS

The Superannuation Benefit (Interim Arrangements) Act 1988 provides an interim arrangement for employers to pay the superannuation benefit. Provision is included for the Commission's estimated liability at 30 June 1990 of the accumulated entitlement for eligible employees. The total liability provided for is $232 002 (1988/89 $221 301). It is anticipated that the total liability due to the Retirement Benefits Office will be paid during 1990/91.

17. SUPERANNUATION

Under the terms of the Superannuation Act 1976, the Commission is required to make employer superannuation contributions for its employees. The Commission's employer contribution is at the rate of 20.5% of salaries for superannuation purposes as recommended by the Australian Government Actuary. During the year, the Commission paid a total of $1 014 713 for superannuation ($769 191 in 1988/89). This expense is allocated across the various Program costs as shown in the Statement of Activity.

18. CURRENT ASSETS — OTHER

	1990 $	1989 $
Prepayments	948 256	275 272

19. CAPITAL COMMITMENTS AND CONTINGENT LIABILITIES

Capital commitments contracted but not included in these accounts (payable not later than one year)	1 773 807	1 240 328
Contingent liabilities at 30 June 1990 consist of unresolved litigation. The maximum estimated liability that may arise from those cases is	368 000	—

20. AUDIT FEES

The cost of audit services provided free of charge by the Australian National Audit Office (ANAO) to the Australian Sports Commission was approximately $115 464. (In 1988/89 the previous Australian Sports Commission received $33 463 of audit services provided free of charge by the ANAO and the audit fees paid by the former Australian Institute of Sport to the ANAO amounted to $46 580.)

21. RECONCILIATION OF STATEMENT OF CAPITAL ACCUMULATION OPENING BALANCE

To conform with the revised Guidelines for Financial Statements of Commonwealth Entities (refer Note 1(i)) the Statement of Capital Accumulation has been modified. The following is a reconciliation to the opening balance as stated in the 1989 Financial Statements.

Balance at 30 June 1989	6 242 138
Accumulated deficit from prior years transferred to retained surplus	1 354 147
Capital equipment in-kind transferred to retained surplus	(15 816)
Adjusted opening balance 1 July 1989	7 580 469

22. TRUST FUNDS

The Commission operates the following Trust Funds.

- The AIS Development Trust
- The Gary Knoke Memorial Scholarship Trust
- Promoters' Trust

Financial Statements prepared on a cash accounting basis for the three Trust Funds operated during 1989/90 are as follows:

AIS Development Trust

Financial Statement for the year ending 30 June 1990

	1990 $	1989 $
Income		
Interest	34 082	29 500
Donations	7 688	(1 036)
	41 770	28 464
Expenditure	—	5
Excess of income over expenditure	41 770	28 459
Add Accumulated Funds at 1 July	194 375	165 916
Accumulated Funds at 30 June	236 145	194 375
Represented by:		
Cash at bank	236 145	194 375
Interest accrued as at 30 June but not brought to account	92	18

Gary Knoke Memorial Scholarship Trust

Financial Statement for the year ending 30 June 1990

Income		
Seat Sponsorship	—	1 200
Interest	3 773	3 341
	3 773	4 541
Expenditure	167	164
Excess of income over expenditure	3 606	4 377
Add Accumulated Funds at 1 July	24 435	20 058
Accumulated Funds at 30 June	28 041	24 435

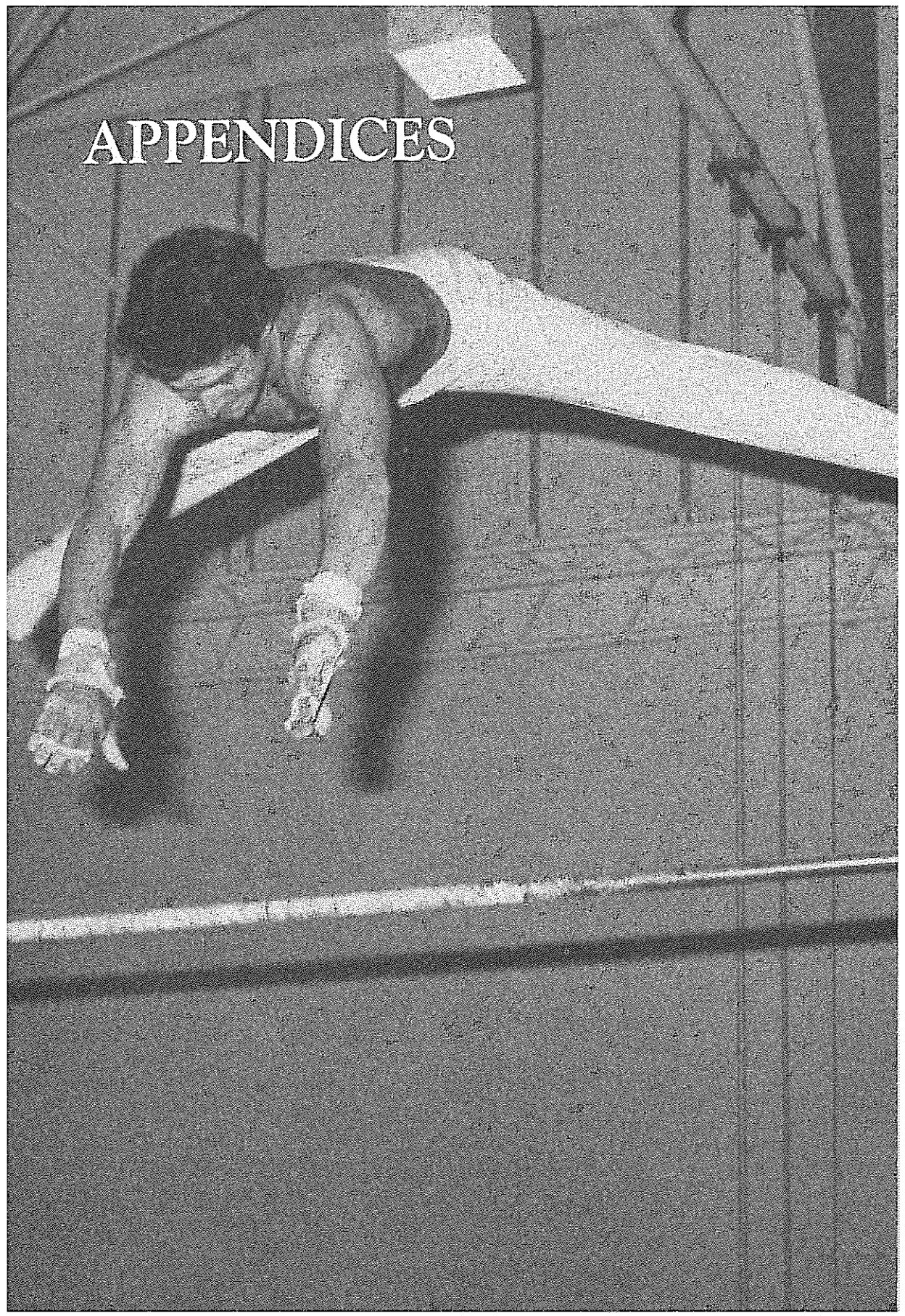
Represented by:		
Cash at bank	28 041	24 435
Interest accrued as at 30 June but not brought to account	40	40

Promoters Trust

The Commission also operates a Promoters Trust account into which it deposits monies received in the course of conducting events at the Commission. These monies are held until such time as the event(s) is/are completed and all costs associated with the event(s) has/have been finalised. The remaining funds are then apportioned between the Promoter and the Commission, in accordance with the terms of each agreement.

	1990 $	1989 $
Income		
Promoters' deposits	25 500	61 300
Ticket sales	679 772	1 973 609
Interest on investments	5 547	12 275
	710 819	2 047 184
Expenditure		
Payments to Promoters	663 372	1 770 258
Payments to ASC	80 726	212 336
	744 098	1 982 594
Excess of income over expenditure	(33 279)	64 590
Add Accumulated Funds at 1 July	91 749	27 159
Accumulated Funds at 30 June	58 470	91 749
Represented by:		
Cash at bank	10 470	74 749
Fixed term investments	48 000	17 000
	58 470	91 749

APPENDICES



Appendix 1

The following information is provided in part performance of the requirements of the Freedom of Information legislation, and indicates contacts for access to information. Types of material available are described in the 1988–89 Annual Report of the Australian Sports Commission.

Contact Officers of the Australian Sports Commission and Associated bodies

Australian Sports Commission (general enquiries)
The Chairman/The Executive Director
Australian Sports Commission
Leverrier Crescent
Bruce ACT 2617 or
PO Box 176
Belconnen ACT 2616
Switchboard 06 252 1111
Facsimile 06 251 2680
Telex AUSIS 62400

The following officers are located at the Australian Sports Commission at the above address:

Australian Institute of Sport
Director
Phone 06 252 1238

Freedom of Information enquiries
Secretariat
Australian Sports Commission
Phone 06 252 1374

Marketing and Public Relations
Public Relations Manager
Phone 06 252 1207

National Sport Information Centre
The Manager
Phone 06 252 1369
Faxcimile 06 251 2680

Sports Development Program
Manager, Sports Development
Phone 06 252 1450

Disabled Sports Program
Co-ordinator
Phone 06 252 1451

Sports Talent Encouragement Plan
Liaison Officer
Phone 06 252 1548

National Sports Program
Liaison Officer
Phone 06 252 1314

Sports Participation Programs
Manager, Sports Participation
Phone 06 252 1521

AUSSIE SPORT
National Co-ordinator
Phone 06 252 1527

Canberra campus facilities

Canberra Facilities bookings
Phone 06 252 1441

Other officers are located as follows:

Interstate offices

Brisbane
PO Box 91
Carina Qld 4155
Phone 07 245 5555
Facsimile 07 245 5414

Adelaide
PO Box 217
Torrensville SA 5031
Phone 08 354 0155
Facsimile 08 434 639

Perth
PO Box 144
Como WA 6152
Phone 09 458 5355
Facsimile 09 458 9747
Telex 95593

Australian Coaching Council
Director
PO Box 176
Belconnen ACT 2616
Phone 06 252 1550
Facsimile 06 252 1200

National Sports Research Program
Co-ordinator
PO Box 176
Belconnen ACT 2616
Phone 06 252 1553

Australian Sports Drug Agency
Chief Executive
1st Floor
4 Campion Street
Deakin ACT 2600
Phone 06 281 1822
Facsimile 06 281 1226

Appendix 2
Sports Development Program : 1989–90 Grants

	Administration		*Coaching*										
Sport	*NED*	*General*	*Staff*	*NCD*	*General*	*Oiseas*	*NSP*	*I'nat Elite*	*Comp Aust*	*I'nat Meet*	*Develop Project*	*Total*	*88/89 Grant*
Archery		10,000			4,000	20,000		15,000		1,000	10,000	60,000	15,000
Athletics	37,500		30,000	37,500	20,000	43,000		25,000		5,000	75,000	273,000	179,000
Australian Football	35,000		20,000		12,000	6,000					102,000	175,000	123,000
Auto Cycle	30,000	10,000			2,000	10,000		15,000		2,000	5,000	74,000	19,000
Badminton	15,000	10,000			8,000	9,500		7,000	5,000	1,000	10,000	65,500	26,000
Baseball	30,000		20,000	30,000	10,000	50,000	35,000	20,000	5,000	3,000	10,000	213,000	176,000
Basketball	37,500		30,000	35,000	15,000	110,000		50,000	30,000	5,000	75,000	387,500	161,000
Biathlon						10,000						10,000	7,000
Bicycle Motocross		5,000			4,000				20,000	3,000	2,000	34,000	20,000
Billiards/Snooker		10,000			5,000			5,000	20,000	1,000	3,000	44,000	36,000
Bobsleigh						2,000						2,000	
Bocce		5,000		15,000	5,000			5,000		1,000	2,000	33,000	36,000
Bowls (M)	32,500		10,000		5,000	12,000		3,000		1,000	5,000	68,500	41,000
Bowls (W)		10,000			1,000			2,000				13,000	10,000
Boxing	12,000	2,000			5,000		3,000	10,000		2,000	3,000	37,000	27,000
Canoeing	35,000	20,000		30,000	10,000	40,000		50,000		5,000		190,000	110,000
Cricket (M)	35,000				15,000	24,000	75,000		20,000		54,500	223,500	112,000
Cricket (W)	25,000	10,000			10,000	19,000		5,000			40,000	109,000	93,000
Croquet		3,000						2,000		1,000		6,000	5,000
Cycling	35,000	5,000	15,000	32,500	15,000	56,000		25,000	10,000	2,000	47,500	243,000	135,000
Darts		5,000			3,000			6,000		1,000		15,000	5,000
Diving	35,000	10,000		20,000	5,000	50,000		10,000	15,000	2,000	12,500	159,500	84,000
Equestrian	35,000	10,000		32,500	25,000		10,000	25,000		3,000	8,000	148,500	71,000
Fencing		5,000		15,000	5,000			5,000		1,000	2,000	33,000	13,000
Fishing	32,500	25,000	25,000		5,000						15,000	102,500	76,000
Gliding			20,000	30,000	3,000			7,000		1,000		61,000	48,000
Golf (L)	30,000	10,000				11,000		15,000	5,000	2,000		73,000	51,000
Golf (M)	35,000		20,000	32,500	10,000	11,000		20,000		2,000	9,500	140,000	101,000
Gymnastics	35,000		20,000	35,000	20,000	75,000	6,000	30,000	30,000	4,000	38,500	293,500	169,000
Handball(T)		5,000			2,000						3,000	10,000	5,000
Hang Gliding		5,000			5,000	3,000	3,000	10,000	5,000			31,000	28,000
Hockey (M)	37,500	10,000	30,000	35,000	20,000	62,500		50,000	43,000	5,000	50,000	343,000	173,000
Hockey (W)	37,500		20,000	35,000	45,000	50,000			115,000	4,000	54,500	361,000	154,000
Ice Hockey		20,000			5,000	10,000				2,000		37,000	43,000
Ice Racing		3,000			5,000		3,000			2,000	3,000	16,000	19,000

Ice Skating	25,000	5,000			10,000	10,000		10,000	5,000	1,000	5,000	71,000	38,000
Judo	30,000	5,000		30,000	5,000	20,000		5,000			5,000	100,000	84,000
Karate Do		10,000			10,000			20,000	15,000	2,000	3,000	60,000	45,000
Korfball		4,000			2,000						10,000	16,000	16,000
Lacrosse (M)	15,000	5,000			3,000				30,000	1,000	25,000	79,000	75,000
Lacrosse (W)		5,000			5,000	7,000	3,000		15,000	2,000	4,000	41,000	40,000
Life Saving (Surf)				35,000	5,000						12,000	52,000	40,000
Motor Sport	35,000									5,000	5,000	45,000	40,000
Netball	37,500		30,000	35,000	30,000	22,000	25,000	30,000	60,000	5,000	67,000	341,500	151,000
Orienteering		10,000			2,000			13,000		2,000	1,000	28,000	14,000
Parachuting		10,000		30,000	10,000	5,000		20,000		1,000	5,000	81,000	52,000
Pentathlon		2,000				10,000		12,000		1,000	7,000	32,000	21,000
Polocrosse		5,000				10,000		5,000			3,500	23,500	18,000
Pony Clubs		10,000			2,000		1,000	5,000			2,000	20,000	12,000
Rollersport	32,500		10,000		15,000		10,000	25,000				92,500	70,000
Rowing	35,000	10,000	20,000	35,000	10,000	96,000	5,000	60,000	110,000	5,000	20,000	406,000	163,000
Rugby League	35,000		20,000		50,000	20,000	5,000			2,000	72,000	204,000	116,000
Rugby Union	35,000		20,000		15,000	15,000	10,000	5,000	5,000	3,000	77,000	185,000	90,000
Shooting Assoc	15,000									2,000		17,000	13,000
Clay Targets		10,000		32,500	10,000	10,000		10,000	25,000	1,000	3,000	101,500	61,000
Pistol		10,000			10,000	15,000		10,000		1,000		46,000	26,000
Sporting Shooters		5,000			5,000	5,000		4,000			5,000	24,000	
Rifle		10,000			10,000	15,000				1,000	3,000	39,000	20,000
Smallbore		5,000			3,000	15,000		5,000			8,000	36,000	19,000
Skiing Snow	35,000		20,000	32,500	20,000	12,000		10,000	30,000		35,000	194,500	164,000
Ski Patrol		5,000									5,000	10,000	12,000
Soccer (M)	35,000		20,000	35,000	10,000	50,000		15,000		4,000	47,500	216,500	105,000
Soccer (W)	32,500	10,000			3,000	20,000		5,000			27,000	97,500	51,000
Soccer Indoor	32,500	5,000		32,500	10,000	6,000		15,000		2,000	10,000	113,000	119,000
Softball	35,000		15,000	35,000	10,000	30,000	10,000	25,000	30,000		12,500	202,500	126,000
Sport Aviation	35,000		10,000							10,000		55,000	34,000
Squash	35,000		15,000	32,500	15,000	15,000		10,000	40,000	2,000	10,000	174,500	89,000
Surfriders	35,000	10,000		20,000	12,000	7,500	6,000	25,000		1,000	22,000	138,500	72,000
Swimming	37,500		30,000	35,000		86,000				3,000		191,500	198,000
Swimming Synchro						10,000						10,000	
Table Tennis	35,000	10,000		32,500	10,000	50,000	35,000	15,000		4,000	10,000	201,500	143,000
Tennis	35,000			35,000	40,000	17,000	100,000				62,500	289,500	143,000
Tenpin Bowling	35,000		20,000	32,500	10,000	10,000	5,000	10,000		1,000	10,000	133,500	92,000
Touch	35,000		15,000		10,000	5,000					50,000	115,000	50,000
Trampoline		5,000			10,000	10,000		10,000		2,000	10,000	47,000	24,000
Triathlon		5,000			2,000	8,000	5,000			1,000	5,000	26,000	
Underwater	30,000	5,000			5,000						10,000	50,000	43,000
Volleyball	35,000		20,000	35,000	7,000	50,000		45,000	10,000	3,000	42,000	247,000	128,000
Water Polo	27,000		15,000	35,000	3,000	40,000		30,000	10,000	3,000	35,000	198,000	82,000

Sport	Administration		Coaching			Olseas	NSP	I'nat Elite	Comp Aust	I'nat Meet	Develop Project	Total	88/89 Grant
	NED	General	Staff	NCD	General								
Waterskiing	32,500	10,000			10,000	10,000	5,000	33,000		3,000	2,000	105,500	72,000
Weightlifting	32,500	10,000		27,500	18,000	10,000		25,000	35,000		5,000	163,000	114,000
Wrestling		5,000			2,000			10,000			3,000	20,000	19,000
Yachting	35,000		20,000	35,000	30,000	28,000	30,000	50,000	10,000	3,000		241,000	152,000
A.C.G.A								700,000				700,000	
A.O.F.								1,000,000				1,000,000	
A.S.M.F.	30,000		20,000	30,000	10,000					5,000	20,000	115,000	71,000
A.S.S.A.											15,000	15,000	5,000
C.A.S.		100,000										100,000	60,000
Jack Newton Found't											35,000	35,000	
Masters Games									100,000			100,000	
Oz Tennis											20,000	20,000	
School Sport	32,500										25,000	57,500	30,000
Universities	15,000							30,000			5,000	50,000	20,000
WA Government									100,000			100,000	
Sub Total	1,654,000	509,000	580,000	1,097,500	763,000	1,433,500	390,000	2,719,000	953,000	144,000	1,516,000	11,759,000	
Seminars											17,500	17,500	15,000
Coaching Council					309,000							309,000	175,000
Nat Sport Research											196,000	196,000	135,000
Applied Sport Rsch											165,000	165,000	75,000
SDP Administration		407,400										407,400	
Total	1,654,000	918,400	580,000	1,097,500	1,072,000	1,433,500	390,000	2,719,000	953,000	144,000	1,894,500	12,855,900	5,813,000
Carry over 89/90 to 90/91													2,000
Total Budget 89/90													12,855,900

Appendix 3

Junior Sport Development Unit Contacts
For information about any of the AUSSIE SPORTS programs contact:

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SA Sports Institute
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Western Australia
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Tasmania
Grant Douglas
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Hobart Tas 7001
Phone (002) 302 765

Appendix 4

STEP Grant — Athletes and Coaches

1989 Sports Talent Encouragement Plan Grant Recipients

Name	Sport	State	Grant
Individuals			
Debbie Tremelling	Archery	Vic	1,000
Simon Baker	Athletics	ACT (AIS)	3,500
Nicole Boegman	Athletics	ACT	3,500
Darren Clark	Athletics	NSW	4,000
Jane Flemming	Athletics	ACT (AIS)	3,000
Gary Honey	Athletics	Vic	2,000
Maree Holland	Athletics	NSW	3,000
Stephen Moneghetti	Athletics	Vic	3,500
Werner Reiterer	Athletics	Vic	1,500
Kerry Saxby	Athletics	NSW (AIS)	5,000
Simon Shirley	Athletics	ACT	1,500
Christine Stanton	Athletics	WA	3,000
Vanessa Ward	Athletics	WA	1,500
Graham Cheney	Boxing	NSW	4,000
Grant Davies	Canoeing	Qld (ASSOC AIS)	4,000
Peter Foster	Canoeing	Qld	4,000
Paul Gilmour	Canoeing	Qld (ASSOC AIS)	4,000
Kelvin Graham	Canoeing	WA	4,000
Peter Hogg	Canoeing	Vic	1,000
Martin Hunter	Canoeing	Vic	3,000
John Jacoby	Canoeing	Vic	2,000
Gayle Mayes	Canoeing	Qld	2,000
James Sloan	Canoeing	NSW	1,000
Steven Wood	Canoeing	NSW	4,000
Danielle Woodward	Canoeing	Vic	1,000
Ramon Andersson	Canoe — Marathon	WA	1,000
Chris Barnett	Canoe — Marathon	Qld	1,000
Denise Cooper	Canoe — Marathon	Qld	2,000
Jane Hall	Canoe — Marathon	NSW	2,000
Robert Burns	Cycling	Vic (AIS)	3,500
Donna Gould	Cycling	SA (AIS)	2,000
Gary Neiwand	Cycling	Vic (AIS)	4,000
Julie Speight	Cycling	NSW	3,500
Martin Vinnicombe	Cycling	NSW	4,000
Kathryn Watt	Cycling	Vic (AIS)	3,000
Jennifer Donnet	Diving	Vic	1,500
Andrew Hoy	Equestrian	NSW	1,500
Rick Duncan	Hang Gliding	NSW	1,500
Stephen Moyes	Hang Gliding	NSW	1,000
Julie Reardon	Judo	NSW	1,000
Suzanne Williams	Judo	NSW	2,000
Anthony Hanley	Rollerskating	Vic	1,000
Desley Hill	Rollerskating	WA	1,000

Name	Sport	State	Grant
Tony Keefe	Rollerskating	Vic	1,000
Hamish McGlashan	Rowing	Vic	4,000
Phillip Adams	Shooting	NSW	1,000
Russell Mark	Shooting	Vic	1,000
Danielle Drady	Squash	Qld (AIS)	1,000
Sarah Fitzgerald	Squash	Vic (AIS)	1,500
Robyn Lambourne	Squash	WA	2,000
Brett Martin	Squash	Qld	1,500
Michelle Martin	Squash	Qld (AIS)	1,500
Damien Iredale	Surfriding	NSW	1,000
Paul Manners	Surfriding	WA	1,000
Cathy Ryan	Surfriding	Qld	1,000
Simon Farrer	Surfriding — Kneeboard	NSW	1,500
Fiona Alessandri	Swimming	WA	4,437
Duncan Armstrong	Swimming	Qld	5,000
Andrew Baildon	Swimming	Qld	5,187
Robert Bruce	Swimming	NSW (AIS)	2,250
Lisa Curry-Kenny	Swimming	Qld (AIS)	3,187
Janelle Elford	Swimming	NSW	5,562
Lara Hooiveld	Swimming	NSW	1,437
Glen Housman	Swimming	Qld	5,000
Rodney Lawson	Swimming	Vic (AIS)	2,500
Hayley Lewis	Swimming	Qld	3,250
Nicole Livingstone	Swimming	Vic	4,687
Gary Lord	Swimming	NSW (AIS)	687
Julie McDonald	Swimming	Qld	4,000
Michael McKenzie	Swimming	Qld	4,750
Helen Morris	Swimming	Qld	2,750
Angela Mullens	Swimming	NSW (AIS)	687
Susan O'Neill	Swimming	Qld	5,000
Kieren Perkins	Swimming	Qld	1,500
Donna Procter	Swimming	NSW (AIS)	5,062
Nicole Redford	Swimming	WA	1,812
Martin Roberts	Swimming	ACT (AIS)	2,750
Tom Stachewicz	Swimming	WA	2,187
Shelley Taylor-Smith	Swimming	WA	2,000
Ian Vander Wal	Swimming	NT (AIS)	687
Karen Van Wirdum	Swimming	Qld	2,812
Angus Waddell	Swimming	Qld	3,250
Elizabeth Jensen	Trampolining	SA	1,500
Lisa Newman-Morris	Trampolining	Vic	1,000
Adrian Wareham	Trampolining	Vic	1,500
Geoff Carrington	Waterskiing	Qld	1,000
Jodie Conte	Waterskiing	SA	1,000
Ken Hoy	Waterskiing	NSW	1,000
Bruce Neville	Waterskiing	NSW	1,000
Michael Neville	Waterskiing	Qld	1,000

Name	Sport	State	Grant
Karen Neville	Waterskiing	Qld	1,000
Sharon Stekelenburg	Waterskiing	Vic	1,000
Peter Wellham	Waterskiing	NSW	1,000
Adam Beashel	Yachting	NSW	2,000
Dean Blantchford	Yachting	NSW	1,500
Glen Bourke	Yachting	NSW	2,000
Jacqueline Ellis	Yachting	NSW	2,000
Scott Ellis	Yachting	NSW	1,000
Adrian Finglas	Yachting	Qld	2,000
Alistar McClure	Yachting	Vic	1,000
Stephen McConaughy	Yachting	NSW	1,000
Scott Anderson	Yachting — Olympic	NSW	1,500
Mitch Booth	Yachting — Olympic	NSW	1,000
Greg Goodall	Yachting — Olympic	Vic	1,500
Nicola Green	Yachting — Olympic	NSW	2,000
Chris Lawrence	Yachting — Olympic	NSW	1,500
Brad Schafferius	Yachting — Olympic	NSW	1,500
Robert Wilmont	Yachting — Olympic	NSW	1,000
David Woods	Yachting — Olympic	NSW	1,500
TEAMS			
Australian Men's 4 x 400m Relay		Athletics	12,000
Australian Men's Team		Basketball	48,000
Australian Women's Team		Basketball	48,000
Australian Women's Team		Cricket	24,000
100k Road Teams Time Trial		Cycling	10,000
4000m Team Pursuit		Cycling	20,000
3 — Day Event Team		Equestrian	4,000
Australian Women's Team		Hockey	80,000
Australian Men's Team		Hockey	64,000
Australian Team		Netball	30,000
Early Openers 8 Way Speed Team		Parachuting	8,000
Men's Eight		Rowing	31,500
Men's Quad Sculls		Rowing	14,000
Women's Lightweight Four		Rowing	12,000
Men's Lightweight Four		Rowing	8,000
Australian Women's Team		Softball	14,000
Australian Men's Team		Water Polo	21,000
Australian Women's Team		Water Polo	13,000

1989 Sports Talent Encouragement Plan — Athletes with Disabilites Grant Recipients

Name	Disability Group	Grant
Gregory Caines	Amputee	1,000
John Eden	Amputee	1,000
Deborah Holland	Amputee	1,000
Susan Knox	Amputee	1,000
Rodney Nugent	Amputee	2,000
Andrew O'Sullivan	Amputee	1,000

Name	Sport	State	Grant
Eddie Roos		Amputee	1,000
Jason Willis		Amputee	1,000
Kingsley Bugarin		Blind	1,000
Mark Davies		Blind	1,000
Phillip Deveraux		Blind	1,000
David Goodman		Blind	2,000
Jeff McNeil		Blind	1,000
Mandy Maywood		Blind	1,500
James Pearson		Blind	2,000
Sam Rickard		Blind	1,000
Russell Short		Blind (AIS)	2,000
Jason Walsh		Blind	1,000
Robert Biancucci		Cerebral Palsy	2,000
Karen Gill		Cerebral Palsy	1,500
Catherine Huggett		Cerebral Palsy	1,500
Simon Lee		Cerebral Palsy	1,000
Darren Thrupp		Cerebral Palsy	1,000
Gregory Timmermans		Cerebral Palsy	1,000
Matthew Van Eldick		Cerebral Palsy	1,000
Sandra Yaxley		Cerebral Palsy	2,000
Antoinette Harris		Deaf	1,500
Elissa Kranitis		Deaf	1,000
Glen Moran		Deaf	1,500
Dean Smith		Deaf	2,000
David Wood		Deaf	1,000
Michael Connell		Wheelchair	1,000
Michael De Santo		Wheelchair	1,000
Alan Dufty		Wheelchair	1,500
Ian Gainey		Wheelchair	1,000
Terry Giddy		Wheelchair	1,500
Lyn Lillecrapp		Wheelchair	1,500
Deahnne McIntyre		Wheelchair	2,000
Yvette McLellan		Wheelchair	1,500
Brian McNicholl		Wheelchair	1,000
Mike Nugent		Wheelchair	1,000
Tracey Philip		Wheelchair	1,500
Wayne Riding		Wheelchair	1,000
Julie Russell		Wheelchair	1,500
Vince Vallelonga		Wheelchair	1,500
Bruce Wallrodt		Wheelchair	2,000
Monica Canavan		Transplant	1,000
Mark Cocks		Transplant	1,000
Sue Kavanagh		Transplant	1,000
Gail Robinson		Transplant	1,000
Arch Roggeveen		Transplant	1,000
Stephanie Theobald		Transplant	1,000
TOTAL STEP FOR DISABLED ATHLETES			$67,000

1990 Sports Talent Encouragement Plan Grant Recipients

Name	Sport	State	Grant
Individuals			
Gisela Clayton	Archery	Qld	6,000
Simon Baker	Athletics	ACT (AIS)	10,000
Jane Flemming	Athletics	ACT (AIS)	6,000
Debbie Flintoff-King	Athletics	Vic	8,000
Maree Holland	Athletics	NSW	10,000
Andrew Jachno	Athletics	Vic (AIS)	8,000
Stephen Moneghetti	Athletics	Vic	10,000
Andrew Murphy	Athletics	Vic	6,000
Jackie Perkins	Athletics	Vic	8,000
Nicole Staines (nee Boegman)	Athletics	NSW	6,000
Kerry Saxby	Athletics	NSW (AIS)	10,000
Vanessa Ward	Athletics	WA	6,000
Kerryn Pethybridge	Biathlon	Vic	2,000
Martin Hunter	Canoeing	Vic	10,000
Paul Lancaster	Canoeing	NSW	4,000
Peter Shorten	Canoeing	Vic	2,000
Danielle Woodward	Canoeing	Vic	4,000
Donna Gould	Cycling	SA (AIS)	8,000
Kathleen Shannon	Cycling	NSW (AIS)	8,000
Julie Speight	Cycling	NSW	8,000
Clayton Stevenson	Cycling	NSW	6,000
Martin Vinnicombe	Cycling	NSW	10,000
Darren Winter	Cycling	SA (AIS)	8,000
April Adams	Diving	Qld (AIS)	4,000
Michael Murphy	Diving	Qld (ASSOC AIS)	4,000
Jodie Rogers	Diving	Vic (ASSOC AIS)	4,000
Craig Rogerson	Diving	Qld (AIS)	4,000
Ingo Renner	Gliding	NSW	2,000
Helen Kight	Golf	Vic	4,000
Cameron Medhurst	Ice Skating	NSW	2,000
Angela Deacon	Judo	Tas	2,000
Darren Fagan	Judo	NSW	2,000
Narelle Hill	Judo	ACT	2,000
Suzanne Williams	Judo	NSW	6,000
Brian Peakall	Karate	NSW	2,000
Cheryl Begg	Roller Skating	WA	2,000
Anthony Hanley	Roller Skating	Vic	2,000
Desley Hill	Roller Skating	WA	2,000
Tamara Martin	Roller Skating	Vic	2,000
Neil Spooner	Roller Skating	NSW	2,000
Stephen Whyte	Roller Skating	NSW	2,000
Danny Kah	Speed Skating	SA	2,000
Richard Powell	Rowing	Qld	6,000
Adair Ferguson	Rowing	Qld	8,000
Phillip Adams	Shooting	NSW	6,000

Name	Sport	State	Grant
Donald Brook	Shooting	NSW	4,000
Ian Hale	Shooting	Vic	4,000
John Maxwell	Shooting	NSW	2,000
Ben Sandstrom	Shooting	WA	4,000
Barry Sturgess	Shooting	Qld	4,000
Cinthia Wells	Shooting	QLD	2,000
Kirstie Marshall	Skiing	Vic	8,000
Sharon Bradey	Squash	SA	2,000
Danielle Drady	Squash	Qld	6,000
Sarah Fitzgerald	Squash	Vic (AIS)	4,000
Robyn Lambourne	Squash	WA	4,000
Brett Martin	Squash	Qld	4,000
Rodney Martin	Squash	Qld (AIS)	6,000
Michelle Martin	Squash	Qld (AIS)	4,000
Andrew Baildon	Swimming	Qld	8,800
Ian Brown	Swimming	WA	8,125
Robert Bruce	Swimming	NSW (AIS)	6,250
Sheridan Burge-Lopez	Swimming	NSW (AIS)	5,000
Jodie Clatworthy	Swimming	Qld	6,250
Jason Cooper	Swimming	Qld	7,550
Lisa Curry-Kenny	Swimming	Qld	8,500
Janelle Elford	Swimming	NSW	8,250
Chris Fydler	Swimming	NSW	5,800
Johanna Griggs	Swimming	NSW	4,500
Lara Hooiveld	Swimming	Qld	1,750
Glen Housman	Swimming	Qld	8,000
Rodney Lawson	Swimming	Vic (ASSOC AIS)	6,500
Hayley Lewis	Swimming	Qld	9,250
Nicole Livingstone	Swimming	Vic	8,750
Gary Lord	Swimming	NSW (AIS)	1,625
Karen Lord	Swimming	NSW (AIS)	5,250
Susie Moroney	Swimming	NSW	2,000
Julie McDonald	Swimming	Qld	9,250
Michael McKenzie	Swimming	Qld	7,000
Jenny McMahon	Swimming	Qld	1,750
Helen Morris	Swimming	Qld	6,250
Angela Mullens	Swimming	NSW	1,687
Susan O'Neill	Swimming	Qld	7,687
Keiren Perkins	Swimming	Qld	8,000
Donna Procter	Swimming	NSW (AIS)	5,250
Nicole Redford	Swimming	WA	4,500
Mathew Renshaw	Swimming	NSW	1,300
Martin Roberts	Swimming	ACT (ASSOC AIS)	8,125
Philip Rogers	Swimming	SA (AIS)	7,562
Tom Stachewicz	Swimming	WA	7,937
Shelly Taylor-Smith	Swimming	WA	2,000
Ian Vander Wal	Swimming	NT (AIS)	1,300

Name	Sport	State	Grant
Karen Van Wirdum	Swimming	Qld	6,750
Angus Waddell	Swimming	Qld	4,750
Robert Woodhouse	Swimming	Vic (ASSOC AIS)	6,000
Vic Bateman	Taekwondo	Vic	2,000
Elizabeth Jensen	Trampolining	SA	2,000
Michael Johnston	Trampolining	Vic	2,000
Lisa Newman-Morris	Trampolining	Vic	2,000
Adrian Wareham	Trampolining	Vic	2,000
Greg Welch	Triathlon	NSW	2,000
Murray Brown	Water Skiing	NSW	2,000
Geoffrey Carrington	Water Skiing	Qld	2,000
Ian Dipple	Water Skiing	NSW	2,000
Dodd Dwyer	Water Skiing	NSW	2,000
Leanne Hickey	Water Skiing	NSW	2,000
Bruce Neville	Water Skiing	NSW	2,000
Karen Neville	Water Skiing	Qld	2,000
Sharon Stekelenburg	Water Skiing	Vic	2,000
Nicole Templeton	Water Skiing	NSW	2,000
Peter Wellhan	Water Skiing	Vic	2,000
Charles Garzarella	Weightlifting	Vic	4,000
Harvey Goodman	Weightlifting	Vic	4,000
Steven Kettner	Weightlifting	Vic	4,000
Ron Laycock	Weightlifting	Vic	4,000
Dean Blatchford	Yachting	NSW	2,000
Glenn Bourke	Yachting	NSW	4,000
Jessica Crisp	Yachting	NSW	4,000
John Dransfield	Yachting	Vic	4,000
Paul Eldrid	Yachting	WA	2,000
Jaqueline Ellis	Yachting	NSW	2,000
Scott Ellis	Yachting	NSW	4,000
Greg Hyde	Yachting	NSW	4,000
Terrence Kyrwood	Yachting	NSW	2,000
Andrew Landerberger	Yachting	NSW	4,000
Chris Lawrence	Yachting	NSW	4,000
Fiona Taylor	Yachting	Vic	4,000
James Wilmont	Yachting	NSW	2,000
Nicola Bethwaite	Yachting — Olympic	NSW	6,000
Mitch Booth	Yachting — Olympic	NSW	8,000
Adrian Finglas	Yachting — Olympic	QLD	4,000
Allan Goodall	Yachting — Olympic	Vic	8,000
TEAMS			
Australian Men's Team	Basketball		120,000
Australian Women's Team	Basketball		120,000
Men's K4 1000M	Canoeing		32,000
Men's K4 500M	Canoeing		24,000
Women's K2 5000M	Canoeing		8,000
Sprint Kayak K2 500	Canoeing		4,000

Name	Sport	Grant
MK 2 — Marathon	Canoeing	8,000
Australian Women's Team	Cricket	24,000
4000M Team Pursuit	Cycling	40,000
Australian Road Team	Cycling	24,000
Australian Team	Hang Gliding	8,000
Australian Women's Team	Hockey	160,000
Australian Men's Team	Hockey	160,000
Australian Team	Netball	60,000
Men's Cox'less Four	Rowing	24,000
Men's Double Scull	Rowing	20,000
Men's Lightweight Cox'less Four	Rowing	16,000
Women's Cox'less Pair	Rowing	4,000
Women's Lightweight Cox'less Four	Rowing	24,000
Australian Women's Team	Softball	28,000
Australian Men's Team	Waterpolo	78,000
Australia	Waterpolo	26,000

Appendix 5

1989 AIS Elite Coaching Assistance Scheme Grants

Basketball

Ray Tomlinson	Vic	1,200
Mike Pattison	Vic	1,200
Bob McGugan	NSW	1,200
Robbie Cadee	NSW	500
Trevor Cook	Qld	500
Barry Barnes	Vic	500

Cycling

Gary West	SA	2,000
Peter Day	Qld	2,000
Don Blackman	NSW	2,000
Grant Atkins	Tas	1,500
Mick Chapman	NSW	1,250
Trevor Masterton	NSW	1,250

Gymnastics

Paul Szyjko	SA	1,000
Lindsay Nylund	WA	1,000
Peter Dowdell	Qld	1,000
Elizabeth Chetkovic	WA	1,000
Fred Burke	Qld	500
Anne Scott	NSW	500
Fiona Bird	Vic	500
Ken Armanasco	Vic	500

Hockey (M)

Frank Murray	WA	2,000
Trevor Cibich	SA	2,000
Dennis Sundin	NSW	2,000
Jim Irvine	Vic	2,000
Ray Dorsett	ACT	2,000
Greg Browning	Qld	2,000

Hockey (W)

Greg Corben	NSW	500
Gordon Clarke	NT	500
John Middleton	Tas	500
Henny Oldenhove	ACT	500

Netball

Debra Armstrong	Vic	500
Elsma Merillo	WA	500
Kay Smerdon	SA	500
Carol Sykes	NSW	500
Elizabeth White	Qld	500

Rowing

Barbara Gillett	Vic	2,000
Brian Richardson	Vic	2,000
Bob Bleakley	Qld	2,000
Martin Owen*	Vic	2,000
Bruce Greenland	Qld	2,000
Tim Conrad	NSW	500
Martin Owen*	Vic	500
Matthew Draper	SA	500
David Poulson	Tas	500
John Rynne	Qld	500
Warren Gibson	WA	500

Rugby Union

Bob Hitchcock	ACT	1,000
John Griffith	NSW	500
John Connolly	Qld	500

Swimming

Denis Cotterell	Qld	10,000
Paul Hardman	NSW	10,000
Joe King	Qld	10,000
Bernie Mulroy	WA	15,000
Mark Regan	NSW	10,000
Otto Sonnleitner	Qld	10,000
Brian Sutton*	NSW	10,000
Ken Wood*	Qld	10,000
Allwyn Barrett	Vic	5,000
Laurie Lawrence/Ian Finlay	Qld	10,000
Eric Arnold	NSW	5,000
Leigh Nugent	Vic	5,000
Terry Buck	NSW	500
Kevin Duff	WA	500
Forbes Carlile	NSW	500
Brian Sutton*	NSW	500
Ray Stephenson	SA	500
Ken Wood*	NSW	500

Track and Field

Phil King	Vic	2,000
John Boas	Vic	2,000
John Zanfirache	Qld	2,000
Mike Hurst	NSW	2,000
Alan Launder	SA	2,000
Colin Wright	NSW	2,000
Gus Puopolo	Vic	2,000
Alan Barlow	Vic	2,000
Bill Hutchinson	WA	2,000

Manfred Lewandowski	Vic	2,000
Chris Wardlaw	Vic	2,000
Pam Turner	Vic	2,000
Ron White	NSW	2,000
Hans Lotz	Vic	2,000

Water Polo

Neil Gynther	Qld	446
Les Kay	NSW	200
Julian Muspratt	NSW	200
Tony Falson	Vic	282
Richard Pengelley	WA	918

OTHER ASSISTANCE

Satellite Coaches

Hockey (M)

Category A		Benefit
Peter Freer	Tas	A — eligible for AIS
Mike Craig	Vic	coaching scholarships, AIS
Barry Dancer	Qld	Elite Coaching Assistance
Ken Read	Tas	Grants, subsidised visits
Bob Claxton	NT	to AIS Perth, full AIS
Larry McIntosh	NSW	information service.
Category B		
Keith Hall	Qld	B — eligible for special
John Mowat	Vic	grants, subsidised visits
Barry Pritchard	NSW	to AIS Perth, T-shirt, full
Don Smart	WA	AIS information service.
David Bell	WA	
Category C		
Adrian Kelly	NT	C — eligible for subsidised
Bruce Balderstone	SA	visits to AIS Perth plus
Steve Christensen	SA	limited access to AIS
Brett Adams	Qld	information service.
Len Giltrow	Qld	
Don Prior	WA	
Ian Pitt	ACT	
Paul Willott	NSW	
Bob Proctor	NSW	
Neil Watson	Vic	
Geoff Perriman	Tas	
Ian Addison	Tas	
Jim Mason	Qld	
Adrian Berce	SA	
Marg Pierce	NT	
Nigel Patmore	WA	
John McKinnon	ACT	

Rugby Union

Alec Evans	NSW	Eligible for assistance with travel to AIS camps, AIS tops, full AIS information service.
Dick Laffan	NSW	
Glen Millar	SA	
Viv Booker	WA	

Soccer

Steve Darby	ACT	Eligible for assistance with travel to seminars held at the AIS, clothing, full information service.
Tim White	Vic	
David Smith	Tas	
Mike Wells	SA	
John Ward	WA	
Bruce Stowell	Qld	
Ken Kaiser	NSW	
David Lee	NSW	

Note: All coaches who recieved a monetary grant are also eligible to a full information service.

* Received funding under the 1989 AIS Sports Talent Encouragement plan for coaches and the 1988 — 89 Satellite Coaching Program, which were amalgamated during the year into the AIS Elite Coaching Assistance Scheme.

1990 AIS Elite Coaching Assistance Scheme

Grant Recipients

Rowing

Bob Bleakley	Qld	3,750
Bruce Greenland	Qld	3,750
Martin Owen	Vic	3,750
Brian Richardson	Vic	3,750
Alan Bromiley	Qld	2,500
Tim Conrad	NSW	2,500
John Cumper	Vic	2,500
Brian Dalton	Vic	2,500
Noel Donaldson	Vic	2,500
Matt Draper	SA	2,500
Danny Elliot	Vic	2,500
Brad Fry	Vic	2,500
Paul McGann	Vic	2,500
Roger Moore	SA	2,500
John Rynne	Qld	2,500
Steve Spurling	Vic	2,500
Bob Bell	WA	1,000
Jack Bennett	Vic	1,000
Lindsay Callaghan	NSW	1,000
Anne Caterson	NSW	1,000
John Driessen	Tas	1,000

Reg Galvin	NSW	1,000
Robyn Grey-Gardner	SA	1,000
Ted Hale	NSW	1,000
Catherine Hall	Vic	1,000
Steve Hawkins	Tas	1,000
Geoff Hunter	Vic	1,000
Nick Hunter	ACT	1,000
Jack Hutchinson	Qld	1,000
Peter Lanigan	ACT	1,000
Mick Lowrey	NSW	1,000
Dave Pincus	Vic	1,000
Patricia Pinkerton	WA	1,000
Paul Thompson	ACT	1,000
Merv Tippett	Tas	1,000
Tim Willoughby	WA	1,000
Canoeing		
Reg Hatch	Vic	4,000
Roy Farrance	Vic	2,000
Jamie Walker	Vic	1,500
Water Polo		
Les Kay	NSW	3,500
Jeff Barrow	Vic	2,500
Michael McNeil	Vic	2,500
Jim Gerritzen	WA	2,500
Neil Gynther	Qld	2,000
Netball		
Elsma Merillo	WA	300
Julie Francou	SA	300
Marg Caldow	Vic	300
Carol Sykes	NSW	300
Elizabeth White	Qld	300
Track and Field		
Specific Event Coaches		
John Boas	Vic	5,000
John Daly	SA	5,000
Alan Launder	SA	5,000
Harry Summers	Vic	5,000
High Performance Coaches		
Nancy Atterton	NSW	2,000
Alan Barlow	Vic	2,000
Stan Johnson	NSW	2,000
Phil King	Vic	2,000
Manfred Lewandowski	Vic	2,000
Gus Puopolo	Vic	2,000

Chris Wardlaw	Vic	2,000
Col Wright	NSW	2,000
John Zanfirache	Qld	2,000
National Event Coaches		
Nancy Atterton	NSW	300
Sandro Bisetto	Vic	300
Ron Brinkert	Vic	300
Shirley De La Hunty	WA	300
Mike Edwards	Vic	300
Marg James	WA	300
Tom Kelly	Vic	300
Peter Lawler	NSW	300
Colin Smith	NSW	300
Peter Taylor	NSW	300

Rugby Union

Bob Hitchcock	ACT	3,500
Peter Abbott	Qld	2,000
Ron Price	Qld	2,000
Dominic O'Connell	WA	1,500
Ian Henderson	NSW	1,000
Bruce Norton	Vic	1,000

Gymnastics

David Hardman	ACT	5,000
Paul Szyjko	SA	5,000
Robert Hong	NSW	5,000
Ken Armanarro	Vic	5,000
Jan McConville	NSW	5,000
Fiona Colbert	Vic	10,000
Lindsay Nylund	WA	1,000
Debbie Maher	ACT	5,000
Lu Ping Ding	NSW	5,000

Hockey

Henny Oldenhove	ACT	5,000
Greg Corben	NSW	5,000
Judy Laing	NSW	3,000
John Mowat	Vic	3,000
John Toner	Vic	3,000
Richard Parry	SA	3,000
Gordon Clarke	NT	3,000
Gary Wilsmore	NSW	1,000
Jeff Searing	NSW	1,000
Verna Kyle	Vic	1,000
Terry Smith	SA	1,000
Karen Foon	TAS	1,000
David Addison	TAS	1,000

Debbie Sullivan	Qld	1,000
Jan Hadfield	QLD	1,000
Graham Wakefield	QLD	1,000
Caroline Parker	WA	1,000
Ian Sebofield	NSW	500
Graeme Dent	Vic	500
Rita Modlinski	SA	500
Joan Hutchinson	SA	500
Briony Hall	SA	500
Vicky Walsh	NT	500
Robyn Holmes	QLD	500
Kay Lehmann	QLD	500
Kym Ireland	QLD	500
Wendy Cook	QLD	500
Kathryn Costelloe	TAS	1,000
Dennis Martin	Vic	1,000
Janelle Sypher	QLD	500

Hockey (M)

Trevor Cibich	SA	4,000
Ian Addison	TAS	4,000
Ray Dorsett	ACT	4,000
Ken Read	TAS	2,000
Dennis Sundin	NSW	2,000
Greg Browning	QLD	2,000
Peter Shaw	QLD	2,000
John Mackinnon	ACT	2,000
Des Piper	Vic	2,000
Steve Larkin	NT	1,000
Roger Newman	NT	1,000
Les Wark	NSW	1,000
Chris Spice	WA	2,000

Appendix 6
1989 Scholarship Holders

Basketball — Female
Natasha Bargeus
Jenny Bedford
Michelle Brogan
Terasa Cremer
Maryanne Di Francesco
Tracey Dyt
Trisha Fallon
Renae Fegent
Raquel Marsh
Tonya Mason
Narelle McConnell
Samantha Tomlinson
Jenny Whittle

Basketball — Male
Lachlan Armfield
Leigh Cleary
David Close
Brendan Day
Matthew Dodson
Andrew Goodwin
Brendan Le Gassick
Brett Maher
Douglas Peacock
Matthew Reece
Patrick Reidy
Anthony Ronaldson

Canoeing — Male
Ramon Andersson
Daniel Collins
Shane Dalziel
Grant Davies
Paul Gilmour
Michael Pond
Ian Rowling
Andrew Trim
Richard Zillman

Canoeing — Female
Denise Cooper
Gabrielle Howard
Shelley Oates
Joanne Paterson

Cricket
Phillip Alley
Clinton Auty
Michael Bevan
James Bolton
David Clarke
Dene Hills
Brendan Julian
Chris Mack
Darrell Mann
Matthew May
Martin McCague
Brian McFadyen
Michael Slater
Ken Vowles
Jamie Williams
Cameron Williamson
Craig White
Gary Wright

Cycling — Female
Donna Gould
Elizabeth Hepple
Deborah Kinnear
Kathleen Shannon
Maryanne Shaw
Jane Slacksmith
Jacqui Uttien
Kathryn Watt

Cycling — Male
Brett Aitken
Peter Attard
Damian Baynes
David Bink
Robert Burns
Simon Calder
Daniel Day
Brett Dutton
Shane Kelly
Simon Kersten
Mark Kingsland
Wayne McCarney
Steve McGlede
Scott McGrory
Gary Madigan
Gary Neiwand
Shaun O'Brien
Nathan Page
Clayton Stevenson
Darren Winter
Aaron Wiseman
Dean Woods

Diving — Female
April Adams
Leah Smith
Peta Taylor
Tiffanie Trail

Diving — Male
Graeme Banks
Russell Butler
Tony Lawson
Simon McCormack
Craig Rogerson

Gymnastics — Female
Monique Allen
Noilana Beck
Hollie Bevans
Katie Bourne
Alice Diedricks
Rebecca Jackson
Lisa McTiernan
Ruth Moniz
Jodie Rogers
Clare Scotney
Kylie Shadbolt
Yew Chuen Tan
Kristy Wilson

Gymnastics — Male
Andrei Cleland
Brennon Dowrick
Peter Hogan
Brett Hudson
Nathan Kingston
Tim Lees
Ken Meredith

Mark Mommsen
Stephen Mommsen
Laszlo Montanyi
Damian Smith

Hockey — Female

Janita Austin
Sandra Buchanan
Sally Carbon
Christine Dobson
Jodie Faithfull
Juliet Haslam
Angela Kaaks
Jane Nicon
Alison Peek
Lisa Powell
Clare Prideaux
Danny Roche
Katie Starre
Kim Willett

Hockey — Male

Wayne Arkinstall
Lee Bodimeade
Ashley Carey
Stuart Carruthers
David Carter
Stephen Davies
Glen Deuble
Lachlan Elmer
Paul Griffiths
David Jeffery
Paul Lewis
Andrew McDonald
Peter McNally
Grant Mapp
David Parker
Joe Pembroke
Tim Reid
Jay Stacy
Ross Sudano
Chris Taylor
Ashley Watson
Todd Williams

Netball

Sheridan Abbott
Pettina Anderson
Natalie Avellino
Jodie Clark
Leanne Cover
Frances Duiker
Sharon Finnan
Nicole Foster
Susan Gaudion
Susan Gill
Carolyn Green
Marne James
Tania Newsome
Julie-Anne Sloan
Claire Smallacombe
Kate Tagliabue
Jennifer Urquhart
Alison Wheatley
Zelda Yeates

Rowing — Female

Deborah Basset
Andrea Coss
Katherine Dearden
Jodie Dobson
Thane Dumbrell
Petra Frangos
Courtney Johnstone
Sally Johnson
Kaylynn Jorgensen Fry
Mara Kasparsons
Jennifer Luff
Amanda Lunt
Fiona McColl
Anna McFarlane
Georgina McGregor-Reid
Joanne Moore
Ballanda Sack
Emy Snook
Fleur Spriggs
Samantha Stewart
Fiona Sutherland
Maki Takken
Emily Tidey
Margot Tidey
Andrea Wilson

Rowing — Men

Paul Baddeley
Cory Bernardi
Paul Buckley
David Colvin
Michael Davies
Jason Day
Matt Dingle
Simon Guerke
Antony Hall
Anthony Johnson
Michael Logue
Gordon Marcks
Nicholas McDonald-Crowley
Hamish McLachlan
David McLeod
Bruce McWatt
Peter Murphy
Stephen Nesbitt
Robert Scott
Nicholas Sellars
Simon Spriggs

Rugby Union

Andrew Blades
Andrew Cairns
Mark Catchpole
Michael Cheika
Rodney Clarke
Bruce Davies
Brenton Fielke
Andrew Friend
Albert Fulauai
Mark Giacheri
Scott Gourley
Andrew Hadley
Craig Hall
Craig Harley
Anthony Hayes
Peter Hickey
Timothy Horan
Darren Junee
Paul Kahl
Phillip Kearns
Robert Kennedy
Robert Korst
Victor Kucharzewski
Jason Little
Geoffrey Logan
Mark Malloy
Russell Muir
Christopher Newman
Anthony Okely
Matthew Pini

John Ross
Matthew Ryan
Sam Scott-Young
David Starkey
Matthew Stocks
Jason Thelander
Richard Tombs
Warwick Waugh
Jason Weber
David Williams
David Wilson
Peter Yeates

Soccer

Brett Adams
Louis Bekiaris
Shane Block
Stephen Corica
Troy Cranney
Gregory Dickinson
Brett Eldridge
Darren Hillier
Craig Jones
Brian Keegan
Lorenz Kindtner
Jason Koliba
Brad Maloney
Stephano Mautone
Tony Pangallo
Nicholas Radecki
Ian Rochow
Simon Romaniuk
Sunny Sevin
George Sorras
Robert Stanton
Frank Talia
Kris Trajanovski
Scott Wells

Squash — Female

Robyn Belford
Robyn Cooper
Kellie Cuschieri
Danielle Drady
Sarah FitzGerald
Michelle Martin
Carol Owens
Angela Roffe

Squash — Male

Paul Bushel
Mark Carlyon
Ricky Curtis
Rodney Eyles
Marc Hickey
Anthony Hill
Michael Joint
Rodney Martin
Dean Mason
Shane Matthews
Shaun Moxham
Craig Rowland
Adam Schreiber
Christopher Ward

Swimming — Female

Megan Fanning
Linley Frame
Louise Jamieson
Karen Lord
Anne McCloghry
Jacqueline McKenzie
Angela Mullens
Donna Proctor
Julie-Anne Roberts

Swimming — Male

Anthony Brewin
Robert Bruce
Brent Harding
Michael Ikin
Gary Lord
Simon McKillop-Davies
Martin Roberts
Phillip Rogers
Ian Van der Wal
Michael Weeding
David Wilson

Tennis — Female

Jo-Anne Faull
Kristin Godridge
Kelli Anne Johnston
Joanne Limmer
Nicole Pratt
Kirrily Sharpe
Louise Stacey
Rennae Stubbs
Jane Taylor
Angela Woolcock

Tennis — Male

Johan Anderson
Grant Doyle
Joshua Eagle
Richard Fromberg
Paul Kilderry
Jamie Morgan
Jason Stoltenberg
Todd Woodbridge

Track & Field — Female

Daniela Costian
Sharon Ellis
Astra Etienne
Jane Flemming
Angela Luchetti
Marie McDonagh
Tani Ruckle
Kerry Saxby
Sharon Stewart
Bernadette Serone
Lisa-Marie Vizaniari
Janne Ware

Track & Field — Male

Stuart Andrews
Simon Baker
Nicholas Batty
Peter Beames
Pat Carroll
Paul Copeland
David Culbert
Simon Doyle
Tim Foster
Gary Honey
Neil Honey
Adam Hoyle
Andrew Jachno
Andrew Lloyd
Scott Odlum
Russell Short
Brendan Tennant
Darren Wilson
Darren Wright

Water Polo
Brent Annells
Simon Asher
Damien Fanning
John Fox
Rod Jones
Daniel Marsden
Damien Moston
Greg McFadden
Ian McInnes
Guy Newman
Paul Oberman
Michael Poot
Duncan Ritchie
Philip Ritchie
Alan Taylor
Grant Waterman

1990 Scholarship Holders

Basketball — Female
Michelle Brogan
Kate Cohen
Alison Cook
Sally Crowe
Maryanne Di Francesco
Tracey Dyt
Trisha Fallon
Renae Fegent
Toni Gabelish
Narelle McConnell
Lisa McMahon
Jodie Murphy
Jenny Whittle

Basketball — Male
Matthew Alexander
Lachlan Armfield
Warren Armour
Christopher Carroll
Leigh Cleary
Brendan Le Gassick
Matthew Low
Brett Maher
Douglas Peacock
Cory Reader
Blair Smith
Matthew Witkowski

Canoeing (Sprint) — Female
Denise Cooper
Anne Marie Cox
Helen Griffith
Shelley Oates
Joanne Patterson

Canoeing (Sprint) — Male
Tim Altman
Ramon Andersson
Daniel Collins
Grant Davies
Paul Gilmour
Tim McDermott
Tim Munro
Jason Prior
Clint Robinson
Ian Rowling
Andrew Trim
Richard Zillman

Canoeing (Slalom) — Female
Jane Gilchrist
Cathy Kesterton

Canoeing (Slalom) — Male
Peter Eckhardt
Robert McGuinness
Matthew Pallister
Kai Swoboda

Cricket
Warwick Adlam
Robert Bartlett
Gregory Blewett
David Castle
David Clarke
Darryl Conroy
Stephen Cottrell
Mathew Elliot
Greg Faull
David Fitzgerald
Michael Foster
Matthew Fraser
Jason Gallian
Darren Gascoyne
Adam Gilchrist
Laurence Harper
Michael Kaspowitz
Justin Langer
Shane Lee
Stuart McGill
Damien Martyn
Adam Mayhood
Scott Moody
Scott Muller
Stuart Oliver
Mark Pratt
Peter Rogers
Bradley Ruddell

Ken Vowles
Shane Warne
Cameron Williamson
Gary Wright
Jason Young

Cycling — Female
Donna Gould
Maryanne Shaw
Kathleen Shannon
Jane Slacksmith
Jacqui Uttien
Kathryn Watt

Cycling — Male
Brett Aitken
David Bink
Robert Burns
Simon Calder
Daniel Day
Grant Frazer
Jamie Kelly
Shane Kelly
Simon Kersten
Mark Kingsland
Wayne McCarney
Steve McGlede
Scott McGrory
Gary Madigan
Garry Neiwand
Shaun O'Brien
Nathan Page
Darren Winter
Mark Weissel
Aaron Wiseman

Diving — Female
April Adams
Vanessa Baker
Bindi Mansfield
Nadine Philipson
Jodie Rogers
Leah Smith
Peta Taylor
Rachel Wilkes

Diving — Male
Russell Butler
Shane Lack
Tony Lawson
David Lyons
Simon McCormack
Leigh Martin
Michael Murphy
Craig Rogerson
Christopher Ryan

Gymnastics — Female
Monique Allen
Hollie Bevans
Michelle Browning
Ziona Calanni
Desley Hatch
Donna Herbert
Kelli Jackson
Rebecca Jackson
Emily Ma
Lisa McTiernan
Julie-Anne Monico
Ruth Moniz
Lisa Read
Jodie Rogers
Kylie Shadbolt
Dyani Springbett
Yew Chuen Tan
Kristy Wilson

Gymnastics — Male
Brennon Dowrick
Peter Hogan
Bret Hudson
Nathan Kingston
Timothy Lees
Brett Lewis
Damien Michaels
Kenneth Meredith
Laszlo Montanyi

Hockey — Female
Michelle Andrews
Vanessa Barnes
Felicity Boucher
Chris Dobson
Rinita Farrell
Maree Fish
Helen Longson
Claire Mitchell-Taverner
Lisa Naughton
Alison Peek
Lisa Powell
Sarah Pugsley
Kim Rayner
Katie Starre

Hockey — Male
Tim Andrew
Paul Armitage
Stephen Ball
Matthew Beevers
Lee Bodimeade
Stuart Carruthers
Greg Corbitt
Stephen Davies
Darren Duff
Lachlan Elmer
Leonard Fernades
Chris Gallagher
Michael Hewlett
Paul Lewis
Andrew McDonald
Todd Williams

Netball
Sheridan Abbott
Sarah Adcock
Pettina Anderson
Natalie Avellino
Michelle Benison
Jodie Clark
Frances Duiker
Narelle Eslick
Sharon Finnan
Nicole Foster
Susan Gill
Danielle Grant
Amanda Grassick
Marne James
Belinda Lawrence
Kirsten Moore
Lindell Murfet
Tania Newsome
Kylie Prideaux
Nicole Richardson
Claire Smallacombe
Nerida Spindler
Sarah Sutter

Jennifer Urquhart
Allison Wheatley

Rowing — Female

Deborah Basset
Catherine Bateman
Samantha Brown
Gillian Campbell
Andrea Coss
Katherine Dearden
Anita Derks
Jodie Dobson
Thane Dumbrell
Josslyn Else
Courtney Johnstone
Kaylynn Jorgensen Fry
Jennifer Luff
Fiona McColl
Anna McFarlane
Felicity Moore
Ashley Rundle
Ballanda Sack
Emy Snook
Fleur Spriggs
Samantha Stewart
Megan Still
Cathy Stock
Fiona Sutherland
Emily Tidey
Margot Tidey

Rowing — Male

Hugh Baird
James Baker
Paul Buckley
Michael Davies
Jason Day
Matt Dingle
Simon Guerke
Antony Hall
Warwick Hooper
Brian Humphris
Michael Logue
Nicholas McDonald
-Crowley
Bruce McWatt
Gordon Marcks
Peter Murphy
Robert Scott
Simon Spriggs

Rugby Union

George Alexiou
David Basha
Andrew Blades
Alistair Box
Michael Brial
Andrew Cairns
Mark Catchpole
Richard Cheffins
Andrew Coombe
Charles Crichton
Bruce Davies
John Eales
Brenton Fielke
Geoffrey Fenwicke
Cameron Frater
Andrew Friend
David Furner
Robert Gallacher
Mark Giacheri
Ashley Goodwin
Andrew Hadley
Craig Hall
Craig Harley
Scott Harris
Michael Harrison
Anthony Hayes
Andrew Heath
Peter Hickey
Tim Horan
Brett Johnstone
Darren Junee
Paul Kahl
Phillip Kearns
Jason Kelly
Alan King
Robert Korst
Jason Little
Geoff Logan
Todd Louden
Adam Magro
Garrick Morgan
Craig Morison
Russell Muir
Chris Newman
Brian O'Sullivan
Nick Perkins
Mathew Pini
Shane Rochfort
Andrew Scott
Ben Scott
Sam Scott-Young
Damian Smith
Ray Smith
David Starkey
Mathew Stocks
Craig Sweeney
Jason Thelander
Richard Tombs
Jonathan Walker
Tim Wallace
Jason Webber
George Websdale
John Welborn
David Wilson
Peter Yeates

Soccer

Shane Block
Stephen Corica
Troy Cranney
Darren Hillier
Craig Jones
Frank Juric
Lorenz Kindtner
Jason Koliba
Brad Maloney
Tony Pangallo
Nicholas Radecki
Simon Romaniuk
Sonny Sevin
George Sorras
Robert Stanton
Frank Talia
Kris Trajanovski
Scott Wells

Squash — Female

Robyn Cooper
Danielle Drady
Julie Eldridge
Sarah Fitzgerald
Janine Hickey

Susan Laver
Heather MacDonald
Michelle Martin
Carol Owens
Nikke Solan
Toni Weeks

Squash — Male
Simon Baker
Mark Carlyon
Rodney Eyles
Nathan Gallagher
Anthony Hill
Grant Hixon
Greg Laurence
Rodney Martin
Dean Mason
Craig Rowland
Adam Schreiber
Brett Stefanowicz
Chris Ward
John Williams

Swimming — Female
Sheridan Burge-Lopez
Lorayne Botwood
Shannan Carr
Linley Frame
Dimity Douglas
Karen Lord
Jacqueline McKenzie
Donna Procter
Kate Pratley
Teressa Pyke
Vanessa Sealey
Michelle Von Kotze

Swimming — Male
Cameron Anderson
Matthew Brown
Robert Bruce
Martin Davies
Matthew Dunn
Brent Harding
Mark Huxley
Mark Ikin
Rodney Lawson
Gary Lord
Alex Macorig
Simon McKillop-Davies
Mathew McQuade
Martin Roberts
Philip Rogers
Dominic Sheldrick
Ian Van der Wal
David Wilson

Tennis — Female
Maija Avotins
Catherine Barclay
Kristin Godridge
Jo-Anne Faull
Kelli-Anne Johnstone
Nicole Pratt
Kirrily Sharpe
Rennae Stubbs
Jane Taylor
Angela Woolcock

Tennis — Male
Johan Anderson
Grant Doyle
Joshua Eagle
Stephen Gleeson
Jamie Holmes
Jamie Morgan
Brad Sceney
Todd Woodbridge

Track & Field — Female
Daniela Costian
Jane Flemming
Susan Hobson
Louise McPaul
Tani Ruckle
Kerry Saxby
Carolyn Schuwalow
Sharon Stewart
Astra Vitols
Lisa-Marie Vizaniari
Janne Ware
Krishna Wood

Track & Field — Male
Nicholas A'Hern
Simon Arkell
Simon Baker
Nicholas Batty
Pat Carroll
Paul Copeland
Shaun Creighton
David Culbert
Simon Doyle
Tim Foster
Paul Greene
Andrew Jachno
Scott Odlum
Brendan Tennant
Darren Wright

Volleyball
Russell Borgeaud
Bruce Bourner
Kieran Cranley
Darren Donaldson
Joel Durrant
Mark Frisby-Smith
Paul Frisby-Smith
Mark Lebedew
Gabriel Mauerhofer
Bruce McKinnon
Matthew Perry
Michael Reu
Grant Robertson
Bruce Surman
Rowan Turner
Raoul Tuul
Edi Vukosa
Jason Watson

Water Polo
Simon Asher
Martin Callaghan
Damien Fanning
John Fox
Mark Grooby
Hugh Jones
Bradley Hopkins
Ian McInnes
Simon Magasanik
Daniel Marsden
Ray Mayers
Craig Miller
Damien Moston

Guy Newman
Mark Oberman
Paul Oberman
Michael Poot
Philip Ritchie
Brad Ryan
Troy Stockwell
Allan Taylor
Andy Taylor
Glenn Townsend
Grant Waterman
Andrew Wightman
Chris Wybrow

1990 Disabled Scholarship Holders

Antoinette Harris	Swimming
Deahnne McIntyre	Track & Field
Russell Short	Track & Field

Appendix 7
Australian Coaching Council Incorporated
Approved Coaching Courses, 30 June 1990

Sport	Level 1	Level 2	Level 3
Archery	x	x	
Athletics	x	x	x
Australian Football	x	x	x
Badminton	x	x	
Baseball	x	x	x
Basketball	x	x	x
Billiards and Snooker	x		
BMX	x		
Bocce	x	x	
Bowls	x	x	
Boxing	x	x	
Canoeing	x	x	
Cricket	x	x	x
Croquet	x	x	x
Cycling	x	x	x
Diving	x	x	x
Equestrian	x	x	x
Fencing	x	x	x
Hockey	x	x	x
Gymnastics			
Men's Artistic	x	x	x
Women's Artistic	x	x	x
Rythmic Sportive	x		
General	x		
Golf	x		
Hang Gliding	x		
Ice Hockey	x	x	
Ice Racing	x		
Ice Skating	x	x	
Indoor Soccer	x		
Judo	x	x	x
Jujitsu	x	x	x
Karate-do	x	x	
Kendo	x	x	
Korfball	x	x	
Kung Fu (Chinese MA)	x		
Lacrosse (M)	x	x	
Lacrosse (W)	x	x	
Modern Pentathlon	x		
Netball	x	x	
Orienteering	x	x	
Parachuting	x	x	x
Polocrosse	x	x	

Power Lifting	x	x	
Roller Skating	x	x	x
Rowing	x	x	
Royal Life Saving	x		
Rugby League	x	x	x
Rugby Union	x	x	
Shooting:			
Clay Target	x	x	x
Simulated Field	x		
Pistol	x	x	x
Small Bore Rifle	x	x	
Big Bore Rifle	x	x	x
Running Target	x	x	
Skiing:			
Alpine	x	x	x
Nordic	x	x	x
Soccer	x	x	x
Softball	x	x	x
Squash	x	x	
Strength & Conditioning	x		
Surf Life Saving	x	x	
Surfriding	x		
Swimming	x	x	x
Synchronised Swimming	x		
Table Tennis	x	x	x
Taekwondo	x		
Tennis	x	x	x
Ten Pin Bowling	x	x	x
Touch	x	x	x
Trampolining	x		
Triathlon	x		
Underwater:			
Scuba Diving	x	x	
Snorkelling	x	x	
Hockey	x	x	
Volleyball	x	x	
Water Polo	x	x	
Water Skiing	x		
Weightlifting	x	x	
Wrestling	x	x	
Yachting	x		
Total	80 75 (NSOs)	60	29

Australian Coaching Council Incorporated
Approved Level 0 Courses
As at 30 June 1990

Australian Football
Badminton
Baseball
Basketball
Cycling
Fencing
Golf
Hockey
Judo
Korfball
Netball
Orienteering
Rugby League
Soccer
Softball
Squash
Surf Riding
Table Tennis
Tennis
Touch
Trampoline
Underwater Snorkel
Yachting

Appendix 8
Australian Coaching Council
Total Coaches Registered
Accreditations to 30/6/90

Sport	L1	L2	L3	Total
Archery	42	22	0	64
Australian Football	9022	873	90	9985
Badminton	138	7	10	155
Baseball	1363	81	6	1450
Basketball	5484	615	15	6114
Big Bore Rifle	379	28	0	407
Billiards/Snooker	57	0	0	57
BMX	120	0	0	120
Bocce	12	0	0	12
Bowls	3832	201	0	4033
Boxing	949	31	2	982
Canoeing	306	42	0	348
Clay TGT Shooting	285	57	7	349
Cricket	3080	624	345	4049
Croquet	265	26	0	291
Cycling	333	31	3	367
Darts	0	0	0	0
Diving	352	45	23	420
Equestrian	368	96	38	502
Fencing	34	9	8	51
Fut-Sal	84	0	0	84
Golf	0	0	0	0
Gymnastics	4869	887	18	5774
Hang Gliding	87	0	0	87
Hockey	3206	286	27	3519
Ice Hockey	270	6	0	276
Ice Racing	6	0	0	6
Ice Skating	107	0	0	107
Ju-Jitsu	87	11	11	109
Judo	614	163	9	786
Karate-Do	707	19	0	726
Kendo	15	11	0	26
Korfball	34	4	0	38
Kung-Fu	426	7	0	433
Lacrosse — Mens	226	0	0	226
Lacrosse — Womens	31	0	0	31
Modern Pentathlon	1	0	0	1
Netball	2675	73	0	2748
Orienteering	154	25	0	179
Parachuting	132	62	20	214
Pistol Shooting	363	25	10	398
Polocrosse	138	35	0	173

Power Lifting	50	11	0	61
Roller Skating	276	15	1	292
Rowing	1323	62	0	1385
Royal Life Saving	229	0	0	229
Rugby League	1831	174	137	2142
Rugby Union	93	628	2	723
Running TGT Shooting	9	9	0	18
Simulated Field	43	0	0	43
Ski — Alpine	40	2	0	42
Ski — Cross Country	38	4	3	45
Small Bore Rifle	115	14	0	129
Soccer	195	167	34	396
Softball	1283	134	0	1417
Squash	624	37	0	661
Strength/Conditioning	33	0	0	33
Surf Life Saving	697	71	0	768
Surf Riding	106	0	0	106
Swimming	2552	225	52	2829
Swimming — Masters	40	0	0	40
Sync Swimming	64	1	0	65
Table Tennis	172	27	26	225
Taekwondo	227	18	0	245
Tennis	271	1327	114	1712
Tenpin Bowling	1111	40	1	1152
Touch	1707	43	0	1750
Track and Field	3331	273	97	3701
Trampoline	277	0	0	277
Triathlon	0	0	0	0
Underwater	273	1336	0	1609
Volleyball	1474	3	0	1477
Water Polo	467	16	0	483
Water Ski	234	0	0	234
Weightlifting	312	29	0	341
Wrestling	134	21	0	155
Yachting	210	0	0	210
Total	60494	9089	1109	70672

Australian Coaching Council
Total Coaches Registered for Accreditations from 1/7/89 to 30/6/90

Sport	L1	L2	L3	Total
Archery	0	0	0	0
Australian Football	1864	113	11	1988
Badminton	18	5	0	23
Baseball	224	23	0	247
Basketball	754	45	0	799
Big Bore Rifle	45	0	0	45
Billiards/Snooker	7	0	0	7
BMX	54	0	0	54
Bocce	1	0	0	1
Bowls	646	16	0	662
Boxing	106	15	0	121
Canoeing	123	25	0	148
Clay TGT Shooting	31	2	0	33
Cricket	564	63	0	627
Croquet	20	1	0	21
Cycling	108	3	3	114
Diving	32	1	0	33
Equestrian	71	3	0	74
Fencing	4	1	0	5
Fut-Sal	84	0	0	84
Golf	0	0	0	0
Gymnastics	667	104	1	772
Hang Gliding	14	0	0	14
Hockey	519	25	2	546
Ice Hockey	14	0	0	14
Ice Racing	0	0	0	0
Ice Skating	2	0	0	2
Ju-Jitsu	16	4	0	20
Judo	35	24	0	59
Karate-Do	81	0	0	81
Kendo	0	4	0	4
Korfball	0	0	0	0
Kung-Fu	183	7	0	190
Lacrosse — Mens	0	0	0	0
Lacrosse — Womens	0	0	0	0
Modern Pentathlon	0	0	0	0
Netball	431	9	0	440
Orienteering	14	2	0	16
Parachuting	10	24	0	34
Pistol Shooting	54	0	1	55
Polocrosse	20	0	0	20
Power Lifting	0	0	0	0
Roller Skating	62	0	0	62

Rowing	103	52	0	155
Royal Life Saving	28	0	0	28
Rugby League	1	2	0	3
Rugby Union	7	9	0	16
Running TGT Shooting	2	0	0	2
Simulated Field	6	0	0	6
Ski — Alpine	0	0	0	0
Ski — Cross Country	3	0	0	3
Small Bore Rifle	7	8	0	15
Soccer	24	69	14	107
Softball	94	27	0	121
Squash	127	31	0	158
Strength/Conditioning	33	0	0	33
Surf Life Saving	163	22	0	185
Surf Riding	29	0	0	29
Swimming	292	10	3	305
Swimming — Masters	26	0	0	26
Sync Swimming	6	0	0	6
Table Tennis	21	4	6	31
Taekwondo	13	0	0	13
Tennis	57	137	0	194
Tenpin Bowling	154	3	0	157
Touch	303	11	0	314
Track and Field	194	20	15	229
Trampoline	40	0	0	40
Underwater	62	444	0	506
Volleyball	195	0	0	195
Water Polo	144	8	0	152
Water Ski	33	0	0	33
Weightlifting	34	6	0	40
Wrestling	0	0	0	0
Yachting	201	0	0	201
Total	9280	1382	56	10718

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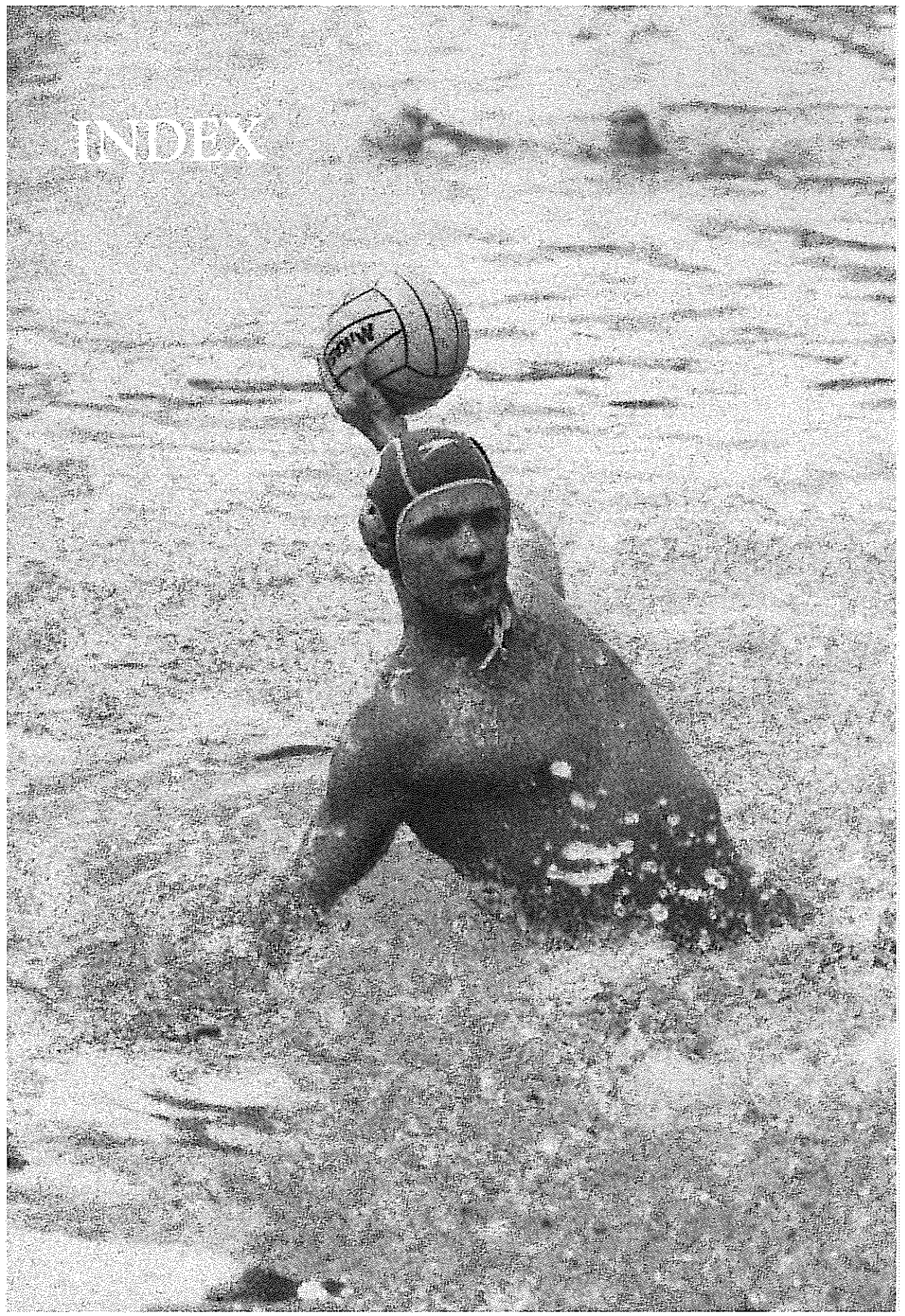

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