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REPORT

GREAT BARRIER REEF
MARINE PARK AUTHORITY

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**Great Barrier Reef
Marine Park Authority**

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November 1994

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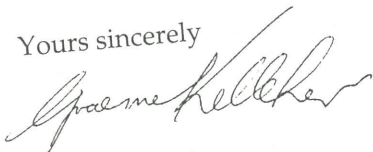
31 October 1994

Senator the Hon. John Faulkner
Minister for the Environment, Sport
and Territories
Parliament House
Canberra ACT 2600

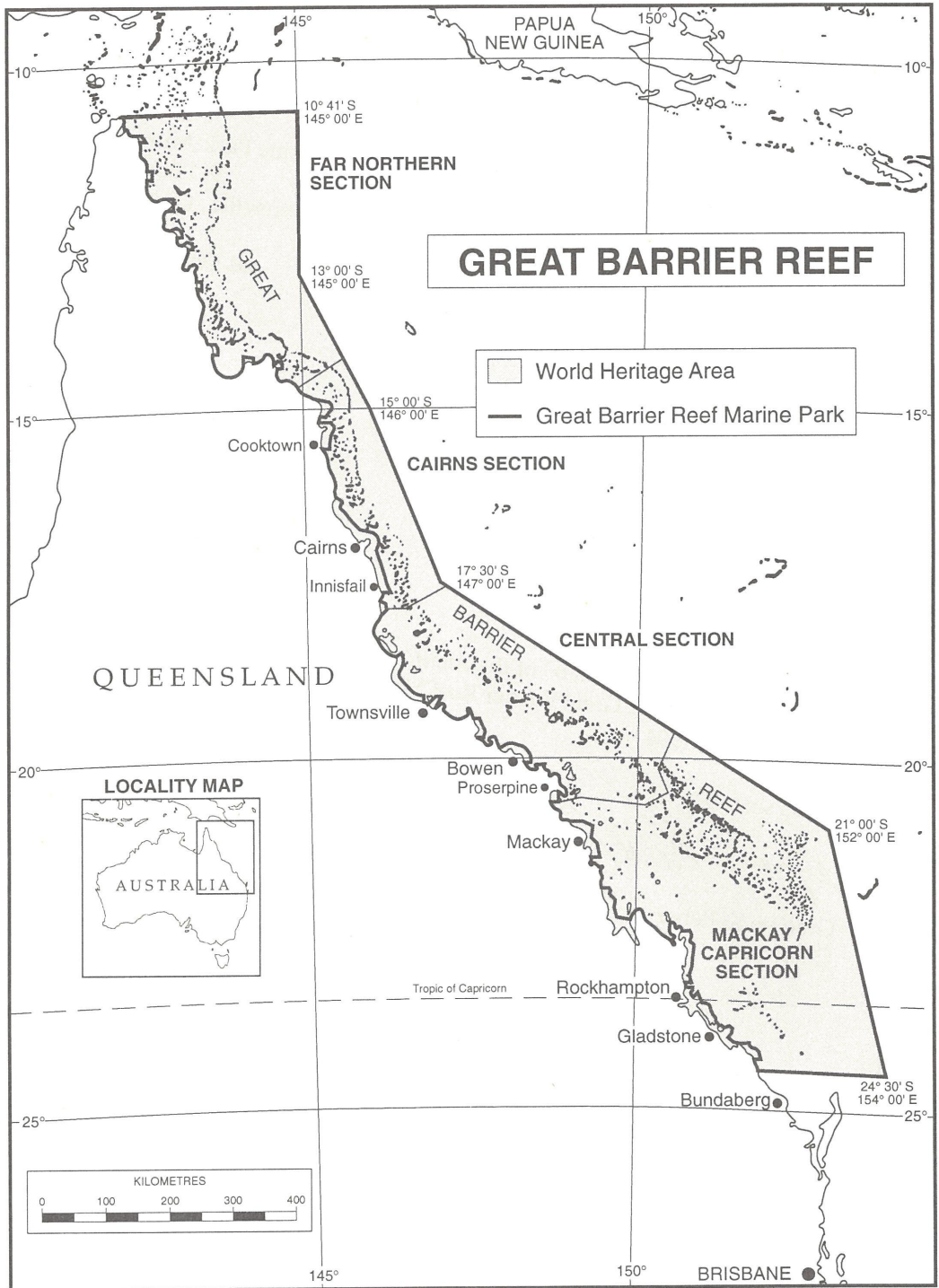
Dear Minister

In accordance with section 63 of the *Audit Act 1901*, I submit the eighteenth Annual Report of the Great Barrier Reef Marine Park Authority for the year ended 30 June 1994.

Yours sincerely



Graeme Kelleher
Chairman



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FROM THE CHAIRMAN

In this my final contribution to the Annual Report as Chairman of the Great Barrier Reef Marine Park Authority (GBRMPA), it is with great satisfaction that I am able to point to the past 12 months as yet another year of international recognition and proud achievement for the staff of the Authority, and for the Authority itself.

It is particularly pleasing to know that the Authority continues to be regarded as a model of intergovernmental cooperation, of public participation, of integrated planning and management and of ecologically sustainable development of a large ecosystem.

The Great Barrier Reef supports economic activity worth more than \$1000 million every year, and its use has been increasing at rates greater than 10% per year for more than a decade.

The Authority generates 31% of its total funding from external sources. Its Aquarium is 80% self funding. Its external consultancy service generates more than \$1 million per annum and is fully self funding. The Authority is the only Commonwealth agency which charges proponents for environmental impact assessment.

The staff of the Authority and the Authority itself have even more reason to be proud of these achievements, since they have occurred in the context of increasing scarcity of funds which reflects general economic conditions. It has been these conditions which have required the Authority to achieve productivity increase in its core activities exceeding 15% per annum every year since 1987. By core activities, I mean planning, management, education and extension.

The question naturally arises as to how long any agency can continue this level of productivity improvement. I am confident that the Government will address this issue in the coming year.

The Whitehouse Review

During the year Mr John Whitehouse, solicitor and former Director of the NSW National Parks and Wildlife Service presented his major review of the Authority, which the Government has accepted.

'The over-riding conclusions of the review are that a continued Commonwealth role in the protection and management of the Great Barrier Reef is necessary and justified, that the model of a large multiple use marine protected area is appropriate for the Great Barrier Reef Region, and that the GBRMPA has proved and continues to be a highly

successful, efficient and effective agency in performing its role in the protection and management of the Great Barrier Reef Marine Park.'

Aboriginal and Islander Involvement

At long last the Australian community has recognised the ongoing rights of Australia's indigenous people. The Authority has always done its best, with limited resources, to involve Aboriginals and Torres Strait Islanders in its decision making. The Native Title Act complements the provisions of the Authority's existing regulations requiring the Authority to give due weight to the rights and interests of these peoples. The other side of this coin is the resource issue. It takes much more effort in human resources and time to properly involve Aboriginals and Islanders in decision making than it does for a similar sized community with a tradition of representative government. Already, the Authority devotes 10% of its staff time to this issue.

We know that this investment is essential but the community generally must recognise that these resources are therefore not available for the other programs of the Authority.

Zoning and Management Plans

The increasing demands on the Authority have led to unsatisfactory delays in the revision of zoning plans and in the completion of detailed management plans for heavily used parts of the Marine Park. We are working strenuously to develop systems in other parts of the Authority's operations which will allow the diversion of more human resources to planning.

This year we commenced the rezoning of the Far Northern Section. This rezoning will be a critical opportunity to develop appropriate mechanisms for involving Aboriginal and Torres Strait Islander people more fully in planning the Marine Park. Much of it will have to be by mutual consent because the Native Title Act justifiably recognises the continuing rights of Aboriginal and Islander people to continue to fish and hunt in traditional areas without a permit from the Authority.

We hope that the Authority will be able to serve as a model for other institutions in this area as it has in relation to intergovernmental cooperation, public participation and ecologically sustainable development.

The Permits System

This system which applies to all commercial operations in the Marine Park other than commercial fishing complements zoning and management plans and education as a management tool.

In the past 12 months the number of applications for tourism permits has doubled, with the resultant workload on the Authority's staff almost overwhelming it. In response, we have conducted a major review of the

permit system with the aim of greatly simplifying it without jeopardising protection of the Great Barrier Reef. The review was carried out in association with the tourism industry, the Queensland Department of Environment and Heritage, the Queensland Department of Tourism and the Australian Littoral Society.

The essence of the radically transformed system is to rely much more heavily on detailed management plans which will focus on regulation of impacts not users and which will apply equally to commercial and private users. We intend to develop standard permits for most kinds of operations, more or less like a driver's licence, with standard conditions based on acceptable codes of conduct.

The Aquarium

In a ceremony in Parliament House in Canberra attended by the Prime Minister, the (then) Minister for Environment, the Hon. Ros Kelly, on behalf of the Authority, received UNESCO's Einstein Gold Medal. It was awarded in recognition of the Authority's outstanding contribution, particularly through its Aquarium, to the conservation of the world heritage and to the advancement of environmental education. This is the first time that this Award has been received in Australia and the first time that it has ever been awarded to an institution. It reflects the value and quality of the Aquarium, which is the Authority's principal educational facility.

The Authority has been able to recover about 80% of the running costs of the Aquarium from attendance fees and sales in its shop. Although this is a higher percentage than any other comparable institution in Australia, there is no ongoing provision for supplementation. The situation has been adversely commented on by the Auditor-General, an interdepartmental working group, and John Whitehouse recommended that such supplementation be provided in the Budget context.

Former Environment Minister Senator the Hon. Graham Richardson and the present Minister Senator the Hon. John Faulkner, have expressed their commitment to keeping the Aquarium open.

External Consultancy Services

This section of the Authority has achieved earnings of about \$1 million this year. We provide advice both within Australia and internationally.

Perhaps the most important project we have undertaken was the commission from the IUCN (the World Conservation Union), and the World Bank to prepare a major report identifying the priorities for marine protected areas in all the marine regions of the world. This report has been three years in the making and has required the establishment of a working group in each of the 18 major biogeographic marine regions of the world. It is hoped that the

World Bank will use this document in making its investment decisions in marine biodiversity under the Global Environment Facility.

Another major achievement has been our production of Australia's first State of the Marine Environment Report, undertaken for the Commonwealth Department of the Environment, Sport and Territories.

The condition of the Great Barrier Reef

While the Great Barrier Reef is regarded internationally as the World's best marine example of ecologically sustainable development, the Reef is not without problems.

Probably the greatest threat to the Reef arises from the long-term effects of run-off from the mainland, resulting in increased nutrient and suspended sediment levels. Both of these impair coral health and growth. We are continuing with a major integrated water quality research and monitoring program in association with other agencies and the Queensland Government. All tourist developments discharging wastes into the Marine Park will be required to have full tertiary treatment of sewage effluent by 1 July 1996. Major educational programs are being carried out with farmer organisations to limit excess application of fertilisers and to minimise erosion. The cities bordering the Great Barrier Reef Marine Park are progressively improving their sewage treatment facilities, in full recognition of the ultimate need to achieve tertiary treatment or land application of sewage effluent.

The major studies into the long-term effects of fishing continue. In the light of the results of these research programs, the Authority, with other management agencies, will make the decisions necessary to protect the Reef ecology.

Damage to some heavily used fringing reefs by anchors and chains has been occurring. Within its budget limitations the Authority is installing public moorings at the most heavily used sites.

The most recent crown-of-thorns starfish infestation is dying out but conditions appear suitable for another infestation to start in the area north of Cairns if recent history is to repeat itself. The Authority continues to maintain its policy, which has been supported by a series of independent reviews, of limiting control of this starfish to local areas of high tourist or scientific value.

The Future

The world is littered with paper parks. It is my greatest hope that the Commonwealth Government, the Queensland Government and the people of Australia will increase their support for the Authority so that the Reef, which is Australia's first and largest World Heritage Area, will be adequately protected while allowing reasonable use.

A notable contribution to the attainment of this hope is the completion of a

Great Barrier Reef Marine Park Authority

25 Year Strategic Plan for the Great Barrier Reef World Heritage Area. This Plan establishes a 25-year vision for the Area and identifies 5-year objectives for attaining it. Coordinated by this Authority and facilitated by an independent consultant, Kayt Raymond, this Strategy has been formally endorsed by virtually all the sixty government agencies and non-government groups with significant involvement in the Great Barrier Reef.

This is my last year as Chairman and Chief Executive of this Authority. It has been a wonderful opportunity to work for 15 years with many dedicated people in the cause of protecting this marvellous natural and cultural heritage. I cannot adequately express my appreciation for the efforts of so many Australians, in the Federal and Queensland Governments, in non-government voluntary organisations and in industry for their contributions. Particularly, I thank my colleagues in the Authority, the Queensland Department of Environment and Heritage and the Commonwealth Department of the Environment, Sport and Territories.



OPERATION OF THE GREAT BARRIER REEF MARINE PARK AUTHORITY

Great Barrier Reef Marine Park Authority

The Great Barrier Reef Marine Park Authority was established under the *Great Barrier Reef Marine Park Act 1975* and began operations in 1976. It is a Commonwealth statutory body consisting of a full-time Chairman and two part-time members, one of whom is nominated by the Queensland Government.

The Authority is the principal adviser to the Commonwealth Government on the care and development of the Great Barrier Reef Marine Park. Specific functions are defined in sections 7 and 7A of the Act.

Below is the statement of the Authority's goal and aims. The statement has been derived from, and is consistent with, the object of the Act and the functions and powers set out in the Act. It includes two new aims that recognise:

- recent efforts by the Authority to address issues on a Region-wide basis and to undertake regional coordination and leadership; and
- the significant shift in the community's and governments' attitudes to the traditional affiliations of Aboriginal and Torres Strait Islander people.

It is the Authority's goal to provide for the protection, wise use, understanding and enjoyment of the Great Barrier Reef in perpetuity through the care and development of the Great Barrier Reef Marine Park.

The aims are subordinate to the primary goal and must be read in conjunction with it and with each other.

- To protect the natural qualities of the Great Barrier Reef, while providing for reasonable use of the Reef Region
- To involve the community meaningfully in the care and development of the Marine Park
- To achieve competence and fairness in the care and development of the Marine Park through the conduct of research, and the deliberate acquisition, use and dissemination of relevant information from research and other sources
- To provide for economic development consistent with meeting the goal

and other aims of the Authority

- To achieve integrated management of the Great Barrier Reef through active leadership and through constantly seeking improvements in coordinated management
- To achieve management of the Marine Park primarily through the community's commitment to the protection of the Great Barrier Reef and its understanding and acceptance of the provisions of zoning, regulations and management practices
- To provide recognition of Aboriginal and Torres Strait Islander traditional affiliations and rights in management of the Marine Park
- To minimise costs of caring for and developing the Marine Park consistent with meeting the goal and other aims of the Authority
- To minimise regulation of, and interference in, human activities, consistent with meeting the goal and other aims of the Authority
- To achieve its goal and other aims by employing people of high calibre, assisting them to reach their full potential, providing a rewarding, useful and caring work environment, and encouraging them to pursue relevant training and development opportunities
- To make the Authority's expertise available nationally and internationally
- To adapt actively the Marine Park and the operations of the Authority to changing circumstances.

Subsidiaries

The Great Barrier Reef Marine Park Authority has no subsidiaries. However, certain functions are carried out in conjunction with other State and Commonwealth organisations including the Queensland Department of Environment and Heritage, which has responsibility for day-to-day management of the Marine Park subject to the Authority. Certain powers of the Authority have been delegated to positions in other organisations.

The Minister

On 28 February 1994, Senator the Hon. Graham Richardson replaced the Hon. Ros Kelly, MP as the Minister with portfolio responsibilities for Great Barrier Reef matters. On 25 March 1994, Senator the Hon. John Faulkner was appointed Minister for the Environment, Sport and Territories.

The Act provides that the Authority '... shall perform its functions in accordance with any general directions given by the Minister not inconsistent with this Act'. No such directions were given to the Authority during the year.

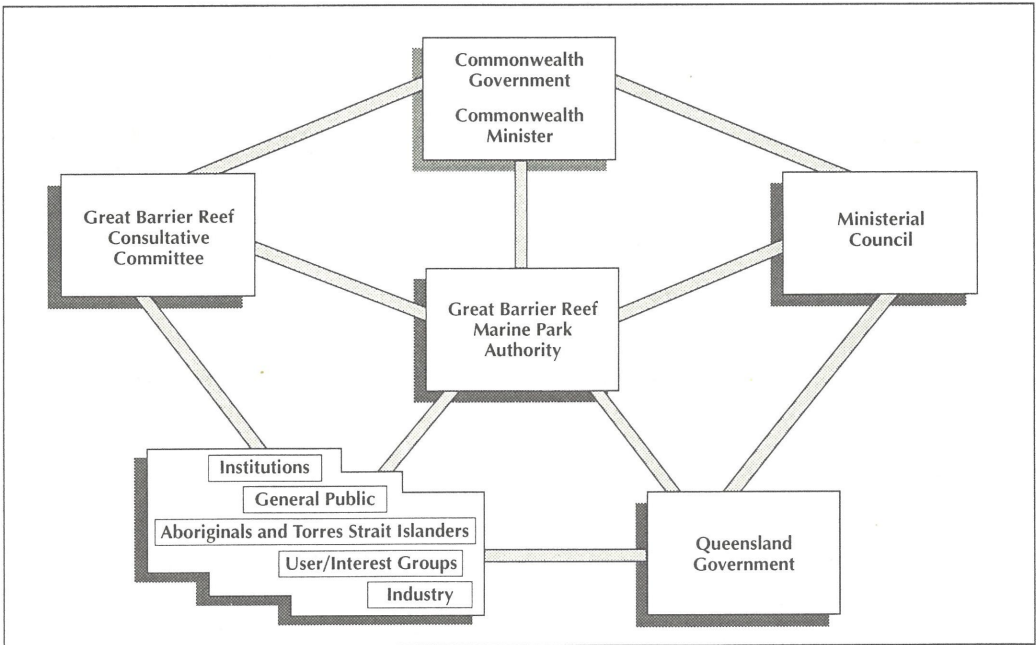
Great Barrier Reef Ministerial Council

The Great Barrier Reef Ministerial Council was established in 1979 to coordinate policy on the Reef between the Commonwealth and Queensland Governments at the Ministerial level. The Council comprises four Ministers, two from each government. It did not meet during 1993-94.

Great Barrier Reef Consultative Committee

The Great Barrier Reef Consultative Committee, established by the Act, is an independent advisory body for both the Minister and the Authority. Functions, membership and business activities of the Consultative Committee are set out in appendix A.

Figure 1. External Relationships



Corporate Planning

The staff of the Authority are guided by the Corporate Plan. The intention of corporate planning is to establish clear strategic direction for the Authority, to involve staff in the process of setting realistic goals and strategies for the organisation, to establish a clear link between the Authority's operational plans and the outcomes the organisation aims to achieve and to monitor the organisation's performance.

The Authority operates on a five-year corporate planning cycle. During 1993-94, five-year objectives for the 1994-99 cycle were reviewed and updated and one-year objectives for 1994-95 were developed. The 1994-99 Corporate

Plan was successfully completed prior to the early Commonwealth Government Budget to lead the development of annual programs and budget allocation.

The Corporate Plan, which was guided by the 25 year Strategic Plan for the Great Barrier Reef World Heritage Area (for further details refer to the Planning and Management program), outlines the organisation's objectives to address the following critical issues:

- Maintaining the ecology of the Great Barrier Reef Marine Park; and
- Providing for reasonable use of the Great Barrier Reef Marine Park.

Objectives were also developed to support the achievement of the above critical issues through:

- Developing an efficient and effective organisation; and
- Seeking the commitment of others.

The Authority's performance in meeting the one-year objectives of the 1993-94 Corporate Plan is outlined in this Annual Report.

CORPORATE OVERVIEW

Office of the Authority

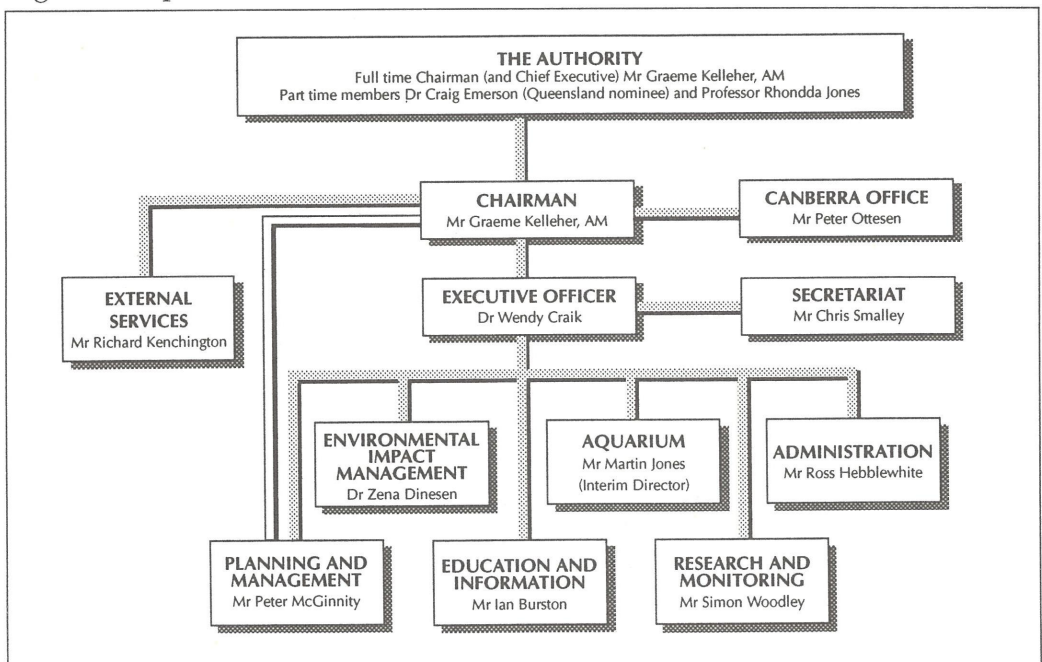
The Authority has an office in Townsville and a small office in Canberra. This arrangement enables the Authority to have its principal technical resources close to the Reef and also to carry out important liaison functions in Canberra.

The Townsville office, which includes the Great Barrier Reef Aquarium, had a staffing level at 30 June 1994 equivalent to 130 full-time positions. The Townsville office is located in the Great Barrier Reef Wonderland complex.

The Canberra office provides administrative support to the Chairman and the secretariat for the Great Barrier Reef Ministerial Council. It also advises the Minister, liaises with the Department of the Environment, Sport and Territories, Parliamentary Committees, other Canberra-based Departments and organisations with interests in the Marine Park, and assists in the development and communication of policy advice. The Canberra office had five full-time staff at 30 June 1994.

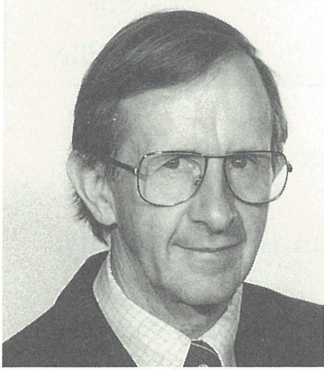
Dr Wendy Craik is the Executive Officer of the Authority. She is responsible to the Chairman for the efficient operation of the Townsville office. She is also Secretary to the three-member Great Barrier Reef Marine Park Authority. Staff of the Executive and the Secretariat in Townsville support her in these roles.

Figure 2. Operational structure and senior officers



Membership and business activities of the Marine Park Authority

As at 30 June 1994 the three members of the Great Barrier Reef Marine Park Authority were Professor Graeme Kelleher, AM, Dr Craig Emerson and Professor Rhondda Jones.



Professor Kelleher, AM, is the full-time Chairman (and chief executive) of the Authority and was reappointed for his third five-year term on 20 December 1989. He is Vice-Chairman, Marine, of the Commission on National Parks and Protected Areas (CNPPA) of IUCN, the World Conservation Union. Through a conjoint appointment with James Cook University of North Queensland, Professor Kelleher holds the Kevin Stark Chair in Systems Engineering at the University.



Dr Emerson, Director-General of the Queensland Department of Environment and Heritage, was appointed by the Governor-General on 10 September 1991 as part-time member for a period of three years.



Professor Rhondda Jones, an ecologist with research interests in population dynamics, is Professor of Zoology in the School of Biological Sciences at the James Cook University of North Queensland. She was appointed as part-time member, for a second three-year term, on 27 February 1992.

(For appointment of persons to act as member (or Chairman) refer to note 23 on 'Related Parties' in the financial statements.)

During 1993-94, the Authority held six meetings as follows:

1993		1994	
DATE	LOCATION	DATE	LOCATION
25 August	Brisbane	16 February	Brisbane
20 October	Townsville	20 April	Brisbane
15-16 December	Gladstone/Townsville	23 June	Townsville

During 1993-94, the Authority made two decisions deserving of special mention which:

- assigned the transformation of the permits system as its top priority; and
- determined that the programs and projects of the Authority should be issue-driven and that the effort and resources directed to its programs and projects should generally be proportional to the environmental importance of the issue being addressed.

At its December meeting, it dealt with issues relating to Aboriginal and Torres Strait Islander interests in the Great Barrier Reef Marine Park.

Significant events for 1993-94

These included:

- publication of the report of the Whitehouse review of the operations of the Authority;
- the introduction of the Environmental Management Charge;
- the creation of the Cooperative Research Centre for Ecologically Sustainable Development of the Great Barrier Reef;
- finalisation of the 25 year Strategic Plan for the Great Barrier Reef World Heritage Area; and
- permission to create a new Senior Executive Service structure.

Whitehouse Review

In December 1993 the Whitehouse report, *Managing Multiple Use in the Coastal Zone : A Review of the Great Barrier Reef Marine Park Authority*, was published and tabled in Federal Parliament. The Authority has formally assessed and begun to implement a number of the recommendations of the report in anticipation of the response to the report by the Department of the Environment, Sport and Territories.

Environmental Management Charge (EMC)

The Environmental Management Charge was introduced by Parliament on 1 July 1993. Further information is included in the Environmental Impact Management program report. The successful implementation of the EMC involved staff from many sections of the Authority, other agencies and organisations, and consultants from outside the Authority.

Cooperative Research Centre

The Cooperative Research Centre for Ecologically Sustainable Development of the Great Barrier Reef (CRC Reef Research Centre) began operations on 1 July 1993. The Centre, which brings together research organisations (AIMS, JCU), the tourism industry (AMPTO) and government agencies (QDPI, GBRMPA), was established to research ecologically sustainable development within the Marine Park. A significant amount of revenue raised from the EMC supports the Centre's programs which look at regional development issues, problems associated with increased use of the Marine Park, engineering issues, and education and extension.

The 25 year Strategic Plan for the Great Barrier Reef World Heritage Area

The Strategic Plan, which describes a 25 year vision for the World Heritage Area, was finalised during the year and was officially launched and distributed in July 1994. The Plan is discussed further within the Planning and Management program report.

New Senior Executive Service (SES) Positions

During 1993-94 negotiations with the Department of Finance for changes to the Authority's SES structure were successfully concluded. These changes included the reclassification of the Executive Officer position from SES Band 1 to SES Band 2 and the creation of two SES Band 1 positions - Senior Director, Planning and Environmental Management and Senior Director, Education and Aquarium. Dr Wendy Craik was appointed to the Executive Officer position in June 1994. The other positions will be filled early in 1994-95.

These changes to the Authority's SES structure recognise the substantial changes to the Authority's functions, programs and management responsibilities conferred by legislation and cabinet decisions and required by expansion of the extent and complexity of reef use. These changes have occurred since 1980 when the senior staff structure of the Authority was last reviewed.

Social Justice and Equity

The Authority has implemented a number of initiatives to improve Aboriginal and Torres Strait Islander people's access and equity in regard to our programs.

These include:

- a Community Ranger program utilising funding from the Australian Nature Conservation Agency (ANCA) and GBRMPA;
- employment of an Aboriginal Trainee Aquarist in the Great Barrier Reef (GBR) Aquarium;
- with Aboriginal and Torres Strait Islander Commission funding assistance, designed and constructed an Aboriginal and Torres Strait Islander (ATSI) display in the GBR Aquarium;
- increased our visitation rate to ATSI communities;
- employed a consultant to assist the agency to complete an Aboriginal Employment and Training Strategy;
- with financial assistance from the Department of Employment, Education and Training, engaged a consultant to provide a report on potential ATSI involvement in the Tourism Industry operating in the GBR region.

During the year, the 25 year Strategic Plan for the Great Barrier Reef World Heritage Area was completed. It includes the following objectives that broadly relate to the target groups:

Aboriginal and Torres Strait Islander Interests

25 Year Objective

To have broad community recognition of Aboriginal and Torres Strait Islander interests and of their exercising of responsibilities for use of the area within ecologically sustainable levels.

5 Year Objective

To have Aboriginals and Torres Strait Islanders meaningfully involved in all aspects of management of the area.

Integrated Planning

25 Year Objective

To have the planning and management of the health of the Great Barrier Reef coordinated between stakeholders and across geographical boundaries.

Further, the Corporate Plan 1993-1998 for the Great Barrier Reef Marine Park Authority has the following specific objectives for 1993-1994:

Maintenance of Traditional, Cultural, Heritage and Historic Values

The most important issues to be addressed in the order of priority identified for the year are:

- recognition of the interests of Aboriginals and Torres Strait Islanders in pursuit of their own lifestyles and cultures; and
- identification and protection of sites of historic and heritage value.

The Program Performance Statements for the Great Barrier Reef Marine Park Authority (Sub-program 1.10) identify the following strategy:

Establishment of effective liaison with Aboriginals and Torres Strait Islanders and implementation of cross cultural training programs, cooperative management arrangements and collaborative research and monitoring programs.

Internal and external scrutiny

Townsville based accountancy firm, C E Smith & Co are internal auditors to the Authority. A Strategic Audit Plan has been developed to ensure that all areas of the Authority are regularly evaluated for compliance and operational efficiency. In 1993-94 internal audit reviewed staff travel procedures, cost recovery in the provision of education/information materials and approval and management of external research contracts. The report highlights the difficulty of reconciling the requirement to provide a high level of community service with recovery of costs in the provision of education materials.

Under revised arrangements the external audit of the Authority's 1993-94 Financial Statements was undertaken by Coopers & Lybrand, Townsville, under contract to the Australian National Audit Office. The ability to liaise with locally based audit staff enabled earlier completion of audited statements.

Audit Report No. 27, 1993-94, which was tabled in the House of Representatives on 22 March 1994, raised the issue of the financial viability of the Great Barrier Reef Aquarium. In the quarterly return to the Minister for Finance, the Minister for the Environment, Sport and Territories advised that a review of the Aquarium's financial position had been commissioned and is to be finalised by October 1994. Long-term solutions are being examined with the aim of maintaining the Aquarium as the premier attraction in Townsville and education facility about the Great Barrier Reef.

Program Performance

A summary table for the Authority that identifies aggregate financial and staffing resources data for 1993-94 is at appendix G. A table that reconciles between appropriation and program elements is at appendix G.



PLANNING AND MANAGEMENT

OBJECTIVE

The objective of this program is to develop and implement strategies and programs as necessary to conserve the Great Barrier Reef while allowing reasonable use.

DESCRIPTION

The program is achieved by reviewing zoning plans, regulations, and other management strategies; providing policy advice on management of the Marine Park; achieving cost-effective implementation of zoning plans, regulations, and other management strategies in conjunction with Queensland government agencies and others; and by involving the community in these processes.

Critical to the achievement of the Planning and Management objective is the gathering and analysis of information on the character, resources, use and amenity of the Great Barrier Reef Region.

RESOURCES

Outlays	\$1 789 870
Staffing	19 staff years

PERFORMANCE INFORMATION

Specific priorities set for 1993-94 were to:

- commence the Far Northern Section Zoning Plan review including the investigation of more efficient methods of regional planning and research directed at habitat classification, dispersal model validation and social issues;
- develop further the program of provision of public moorings;
- transfer ownership of the Low Isles lightstation property from the Australian Maritime Safety Authority to the Commonwealth for management by the Authority. Funding has been provided in the 1993-94 Budget for innovative co-management programs involving the Authority and the local community to manage the properties and to

protect their exceptionally high conservation, heritage, cultural and scientific values;

- develop principles for cooperative management and maintain effective consultation with Aboriginal and Torres Strait Islander people to address their interest in management of the Park, including the commencement of a Community Ranger program and further development of appropriate cross cultural processes regarding permit matters;
- develop specific management strategies for a number of sensitive sites throughout the Marine Park to enable management of different types and levels of use, in particular, the Whitsunday Area, Green Island and Low Isles;
- complete and implement the 25 year Strategic Plan for the Great Barrier Reef World Heritage Area;
- continue to build a better partnership with day-to-day management agencies including the refinement of the aerial surveillance program; and
- complete the draft Turtle and Dugong Conservation Strategy for approval by the Great Barrier Reef Marine Park Authority and the Great Barrier Reef Ministerial Council for public release.

PERFORMANCE OUTCOMES

Review of management of the Far Northern Section

The review of management of the Far Northern Section, incorporating a review of the existing Zoning Plan, began during 1993-94. The review is being conducted jointly with the Queensland Department of Environment and Heritage (QDEH) which is planning for the proposed State Cape York Marine Park. The review is expected to be completed in mid-1996.

Critical issues which are being addressed in the review include:

- ensuring that Aboriginal and Torres Strait Islander interests are reflected in management of the Marine Park;
- defining the recreation and tourism settings and use levels which will be provided in the Far Northern Section; and
- developing mechanisms for integrated planning and management of the Far Northern Section and adjacent coastal areas.

The first formal period of public participation is scheduled to begin in September 1994. Submissions will be received until the end of 1994.

A major focus of work during 1993-94 was the development of arrangements with Aboriginal and Torres Strait Islander peoples which would facilitate their involvement in the review. A significant step towards the development of these arrangements was taken in April 1994 when the Authority, with the assistance of the Cape York Land Council, sponsored a meeting of indigenous custodians on Cape York. The meeting was held at Pajinka Wilderness Lodge in Injinoo country, and involved approximately 40 people from Aboriginal clan groups on eastern Cape York. The meeting initiated the exploration of options for joint management and established the basis of future involvement of indigenous people in the review of the Section.



Presentation by Cape York Land Council Executive Director, Noel Pearson, at the Far Northern Rezoning Workshop held at Pajinka, Cape York in April 1994. From left to right: Noel Pearson, Nigel Hedgecock (QDEH), Geoff Kelly (QDEH), John Bowen (Hopevale Community Council), Tony Flinders (Hopevale Community Council) and Jimmy Wallace (Lockhart River Community Council)

Public moorings

The increasing intensity of leisure use of the Marine Park continues to generate problems of anchor damage to coral. In order to combat this the Authority has adopted a number of strategies:

- the development and distribution of a brochure on best anchoring practice;
- the requirement for tourist operators to install moorings at regularly used sites where coral damage may occur;
- the development of a program of public moorings; and
- the designation, where appropriate, of special 'no anchoring' areas.

The Authority has developed a program of public mooring installation aimed primarily at protecting coral and public safety. The mooring systems have been designed by contracted experts and will be similarly installed and maintained by contract. A contract for the installation and maintenance of the first fifteen moorings is currently being finalised.

Planning is under way for the installation of a second group of moorings in the Whitsunday area in 1994-95.

Lightstations

Agreement was reached in 1993-94 for the transfer of several former lightstation reserves, including Low Isles, held by the Australian Maritime Safety Authority (AMSA) and Australian Estate Management (AEM) to the Authority. A series of transfers has been arranged between AMSA, AEM and the Authority early in 1994-95.

Low Isles

An innovative proposal made by the Low Isles Preservation Society for cooperative management of Low Isles was supported by special funding in 1993-94 to cover acquisition, establishment of a ranger base and continuing management of Low Isles. The Queensland Department of Environment and Heritage has appointed two rangers under this program to manage Low Isles from 1 August 1994.

Aboriginal liaison

Liaison between many Aboriginal and Torres Strait Islander communities and the Authority was developed rapidly throughout 1993-94, particularly in relation to planning issues, including the Far Northern Section Zoning Plan review, the Whitsunday and Low Isles Management Plans and the Turtle and Dugong Conservation Strategy.

There was also a strong emphasis on permit application assessment, and the management of traditional hunting, fishing and collecting permits.

The Authority is looking at ways of obtaining the very significant level of resources necessary to expand the Aboriginal Liaison program in 1994-95.

Community Ranger Program

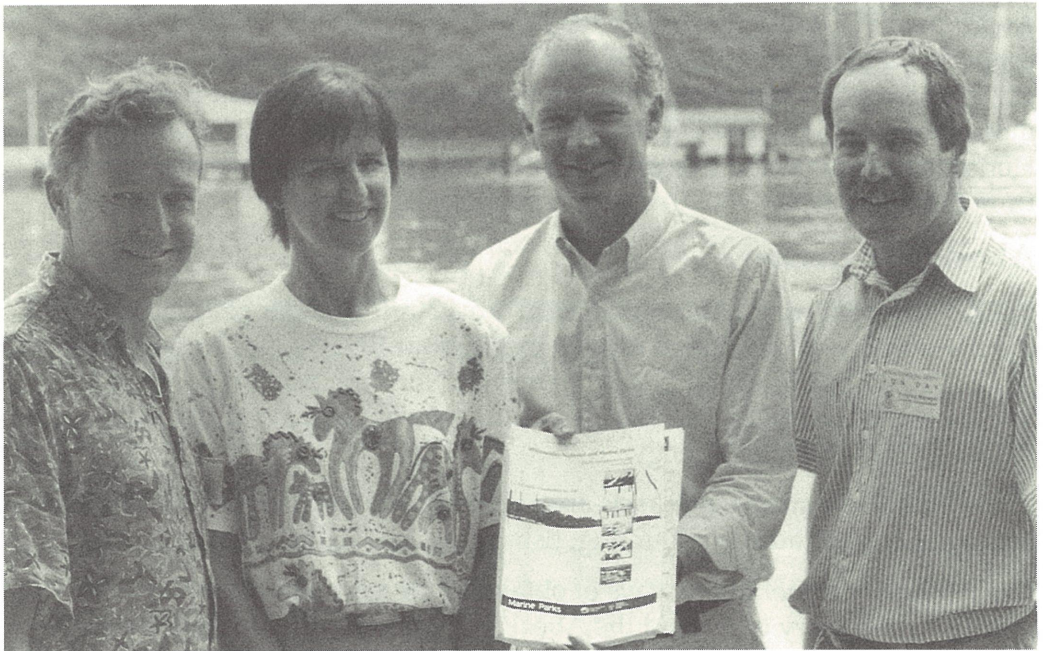
A joint natural resource management project between the Authority, the Australian Nature Conservation Agency and Aboriginal and Torres Strait Islander communities was started in the past year. Using funds from the Contract Employment Program for Aboriginals in Natural and Cultural Resource Management, the project seeks to contract community councils to employ part-time rangers in marine park management.

During the project's five-year establishment phase, community-based rangers will be provided with training and resources to carry out conservation and management work in marine park areas adjacent to their communities. As part of their training the rangers have been enrolled in the Cairns TAFE Ranger Course and have also participated in GBRMPA and QDEH training programs in fisheries management and enforcement techniques.

Whitsunday management plan

Public review of the draft management plan for the Marine Parks in the Whitsundays Region of the Central Section has been undertaken and management actions are now being finalised in consultation with key stakeholder groups. The Region has experienced considerable tourist and residential growth over the past decade resulting in increased use of, and impact upon, the Marine Park. Similar rates of growth are expected to continue. The Draft Plan was released for public comment in late October 1993 and 139 written submissions were received to May 1994.

Several concerns raised in those submissions will be resolved with



Launch of the Whitsunday National and Marine Parks Draft Management Plan on 13 October 1993. From left to right: Tony Stokes (GBRMPA), Wendy Craik (GBRMPA), Queensland Premier The Hon. Wayne Goss and Jon Day (QDEH)

representative groups during the course of the Plan's finalisation. The Plan is being completed in coordination with State and Local authorities who are preparing the Whitsunday Tourism Strategy and the Whitsunday Shire Town Planning Scheme.

Cairns Region Marine Park Strategy

Preparations were made in 1993-94 to begin development of a major Marine Parks Strategy in the Cairns Region during 1994-95. The Strategy is intended to cover the entire Cairns Section as well as the Hinchinbrook Island portion of the Central Section. The inclusion of the Hinchinbrook Island area will enable

the Cairns Region Marine Park Strategy to complement the Cairns Regional Tourism Strategy developed through the Queensland Government Office of the Co-ordinator General.

The Strategy has been made necessary by rapid increases, and projections of continuing increases, in leisure use of Marine Parks in the Cairns Area. The Strategy will focus on the primary issues of managing tourism and recreational use of the Marine Park and developing more community and Aboriginal involvement in continuing management of the Marine Park.

Other management strategies

The Authority decided to prohibit anchoring in Manta Ray Bay in the Whitsundays, because heavy traffic was causing anchor damage. Two public moorings were trialled during the year, and a contract is currently being let for further moorings to be put in place. Manta Ray Bay has been designated a Special Management Area, and regulation details are now being finalised.

Bramble Reef, off Palm Island in the Central Section, remained off-limits for reef fishing for the second year of a three-year closure, imposed to allow fish stocks to replenish. Surveys in the area indicate the closure is working, and strategies are now being considered to ensure over-fishing does not re-occur if Bramble is opened again as planned at the end of January 1995.

Problems which have emerged concerning the small but popular Cod Hole dive site near Lizard Island, including anchor damage and over-crowding, have prompted the Authority to consider declaring a Special Management Area around the Cod Hole. Public submissions were called for on the proposal during the year, and after these were considered, it was decided a Special Management Area should be proclaimed. It is expected to be in place in the near future.

Strategic Plan for the Great Barrier Reef World Heritage Area

While the main responsibility for looking after the Great Barrier Reef rests with the Great Barrier Reef Marine Park Authority, there are many other organisations which are involved in managing the Reef, rely on its resources and care about its future. Over the past three years, the Authority has been the lead agency in coordinating the development of a 25 year Strategic Plan for the Great Barrier Reef World Heritage Area, involving over 60 user and interest groups and government agencies and Aboriginal and Torres Strait Islander communities in a joint process of setting jointly agreed objectives. The Strategic Plan describes an agreed 25 year vision for the World Heritage Area and the long- (25 year) and short- (5 year) term objectives and strategies to achieve that vision. The Plan provides direction and guidance for organisations, such as the Authority, in developing corporate, business and management plans.

Two issues that could not be completely resolved during the planning process, mining in the World Heritage Area and Aboriginal and Torres Strait Islander interests, are 'in continuance', and will be negotiated on a continuing basis. However, late in 1993, resolution of one significant aspect of the mining issue was achieved with the Queensland Government's decision to ban oil drilling and exploration in areas of its jurisdiction in the World Heritage Area. Subsequent to the Plan's development, the Commonwealth and State Native Title Acts were passed which addressed many of the Aboriginal and Torres Strait Islander concerns. The Plan's development and finalisation over the past year has again been guided and facilitated by an independent consultant, Kayt Raymond, of Kayt Raymond and Associates.

The Strategic Plan was officially launched by the Prime Minister, the Hon. Paul Keating, and distributed in July 1994.

Day-to-day management

Day-to-day management activities such as enforcement, surveillance, monitoring and education are carried out principally by agencies of the Queensland Government, subject to the Great Barrier Reef Marine Park Authority, in accordance with an agreement between the Commonwealth and Queensland Governments.

In addition to the principal Queensland agency, QDEH, a number of other Queensland and Commonwealth agencies are also involved in day-to-day management. These agencies include the Queensland Boating and Fisheries Patrol, the Queensland Water Police, the Australian Customs Service (through their Coastwatch program) and the Australian Maritime Safety Authority.

Cost sharing and funding arrangements for day-to-day management are shown in tables 1 and 2.

Surveillance and enforcement

The focus on effective surveillance and enforcement for the Marine Park has continued in this year's program of day-to-day management. Presently more than 250 Marine Park Inspectors have been appointed from the various Queensland agencies.

Due to problems associated with illegal fishing in Marine National Park Zones, the Commonwealth Government introduced a new Regulation placing restrictions on the use of commercial fishing tenders in those zones. Whilst the Regulation has only been in force for less than a year, early signs are that it has had the positive effect of discouraging illegal fishing. This, combined with a focus by Queensland enforcement agencies on prominent registration labelling on commercial fishing tenders, has made aerial surveillance a more effective tool.

Great Barrier Reef Marine Park Authority

Table 1. Payments to Queensland Dept of Environment and Heritage for day-to-day management, by Regions

	1993-94	1994-95 (estimated)
	\$	\$
Head Office		
Salaries & Operating	616 891	674 000
Capital (Inc. Post Initial)	(2 950)	213 000
Central Coast Region		
Salaries & Operating	1 553 039	1 700 000
Capital (Inc. Post Initial)	447 229	135 000
Northern Region		
Salaries & Operating	2 159 045	2 501 000
Capital (Inc. Post Initial)	125 746	340 000
Far Northern Region		
Salaries & Operating	1 842 116	2 187 000
Capital (Inc. Post Initial)	55 884	909 000
All Regions		
Salaries & Operating	6 171 091	7 062 000
Capital (Inc. Post Initial)	625 909	1 597 000
TOTAL	6 797 000	8 659 000

Table 2. Cost sharing for day-to-day management

	1993-94	1994-95 (estimated)
	\$	\$
Queensland		
Salaries, Wages & Operating	3 085 545	3 531 000
Post Initial Capital	222 455	284 000
Total	3 308 000	3 815 000
Commonwealth		
Salaries, Wages & Operating	3 085 546	3 531 000
Post Initial Capital	222 454	284 000
Initial Capital	181 000	1 029 000
Total	3 489 000	4 844 000
TOTAL	6 797 000	8 659 000

February 1994 saw the first forfeiture of a vessel under the Great Barrier Reef Marine Park Act. The vessel was used in illegal fishing activities in the Marine Park off Bowen.

The number of persons prosecuted in 1993-94 was up on the previous year. Once again illegal fishing in the Marine Park constituted the bulk of offences for the year. A number of people conducting tourist activities in the Marine Park without permits were also prosecuted. A failed prosecution against a tourist operator highlighted deficiencies in the legislation which are being addressed.

The Review of Aerial Surveillance has been completed and recommendations in relation to programming and objectives are being assessed. Modification to the aerial surveillance program will be implemented over the coming year.

Regional community liaison and planning

Activities and developments on mainland areas and islands bordering the Marine Park can have significant direct and indirect impact upon the Park. Conversely, management activity in the Park may affect adjacent land. So it is important to maintain close liaison with and to influence other agencies in regard to environmental and social planning proposals that may affect the Marine Park.

During the year the Planning and Management Section of the Authority participated in and commented upon the Draft Integrated Catchment Management Strategy for the Pioneer River near Mackay, the Draft Cardwell Shire Strategic Plan, the Draft City of Townsville Planning Scheme, the Draft Thuringowa City Planning Scheme, the Draft Whitsunday Shire Town Planning Scheme and the Draft Whitsunday Tourism Strategy.

The Authority is represented on the Queensland Catchment Management Coordinating Committee and the Downstream Effects of Agricultural Practices Committee.

Shoalwater Bay inquiry

The Authority provided a submission to the Commonwealth Commission of Inquiry into the Shoalwater Bay Area, Capricorn Coast which was established to examine options for future use of the Area. The Inquiry recommendations to the Government on 31 May 1994 include among other things, proposals for an extension of the Great Barrier Reef Marine Park adjacent to Port Clinton and various planning and management actions in the Area.

Threatened species program

During the 1993-94 financial year, a conservation program was developed incorporating a turtle and dugong conservation strategy, and the conservation of seabirds and cetaceans (i.e. whales and porpoises) in the Great Barrier Reef Region.

The turtle and dugong conservation strategy started in July 1992, when the Authority decided there was a need to manage and conserve turtle and dugong populations within the Marine Park. After considerable consultation and negotiation, including a workshop involving representatives from government agencies (State and Commonwealth), Aboriginal and Torres Strait Islander organisations, the commercial fishing industry, conservation groups and research institutions, the Conservation Strategy is nearing completion. The Turtle and Dugong Conservation Strategy will be released in August 1994 after consideration by the Great Barrier Reef Ministerial Council.

Work is also under way on seabird conservation, in collaboration with the Australian Nature Conservation Agency and QDEH.

The Authority convened a week-long workshop in September 1993 to discuss management issues relating to the interaction between cetaceans and humans. The workshop was attended by representatives from government organisations (Commonwealth, State and Local), research and conservation organisations and the tourism industry. Information from the workshop provided the Authority with direction for future management initiatives.

Volunteer program

Community-based volunteer groups are recognised by the Authority as having a valuable role in developing public appreciation of natural resource management and understanding between interested groups. An Authority staff member seconded to the Wet Tropics Management Authority assisted in establishing volunteer groups at Lake Eacham, Innisfail and Townsville in 1993-94. Assistance was also given to consolidating the group formed in the Whitsunday area in 1992-93, and to the Low Isles Preservation Society in Port Douglas.

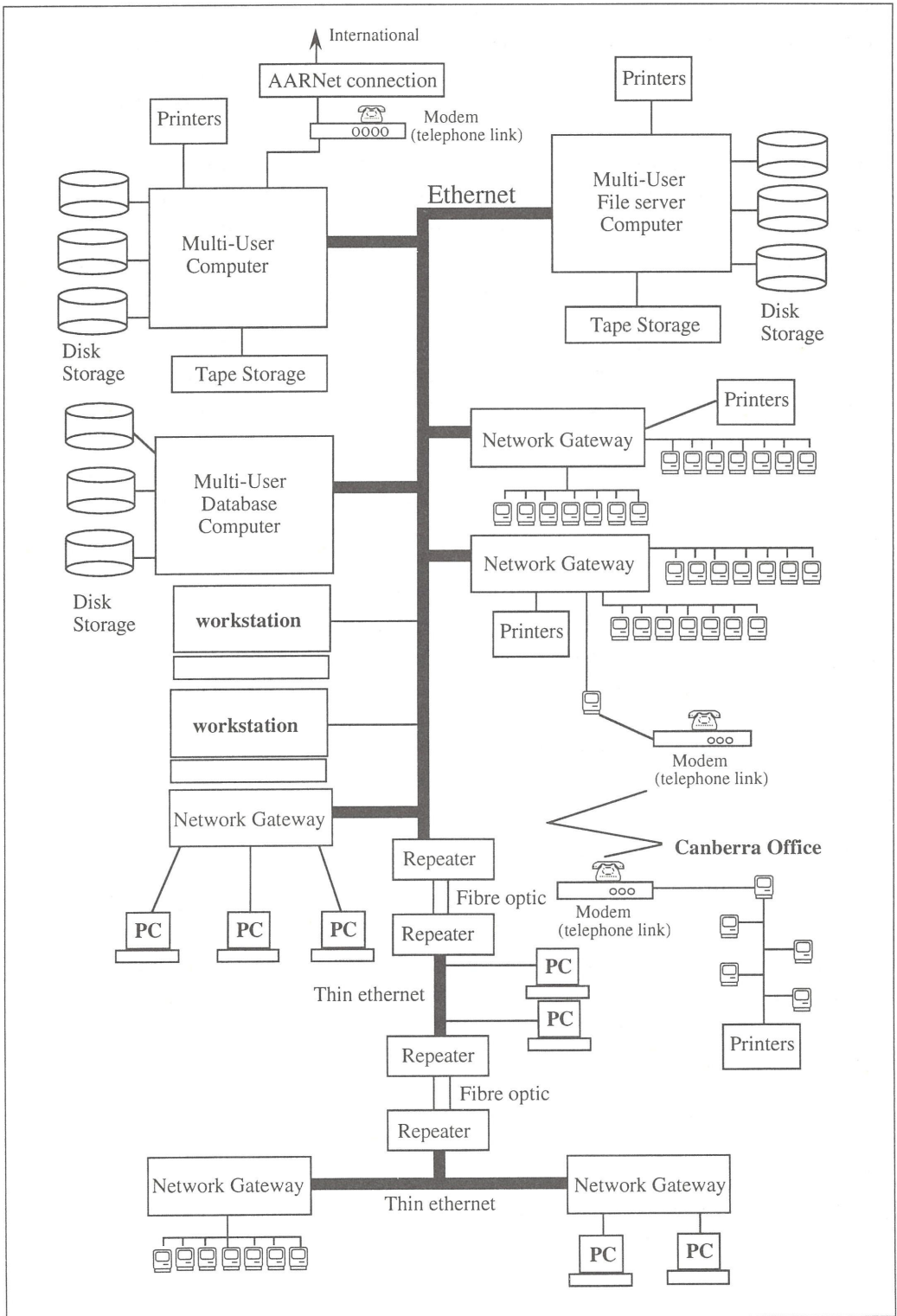
Planning information unit

The increasing complexity and degree of use of the Marine Park has highlighted the importance of spatial analysis systems as a means of managing and manipulating large amounts of information. To this end a Geographic Information System has been used to develop a range of spatial databases and thematic map coverage for the Marine Park. Emphasis to date has been on capturing base information such as reef and island mapping, key habitat data such as seagrasses and reef communities, and usage data from aerial surveillance and logbooks.

Computing

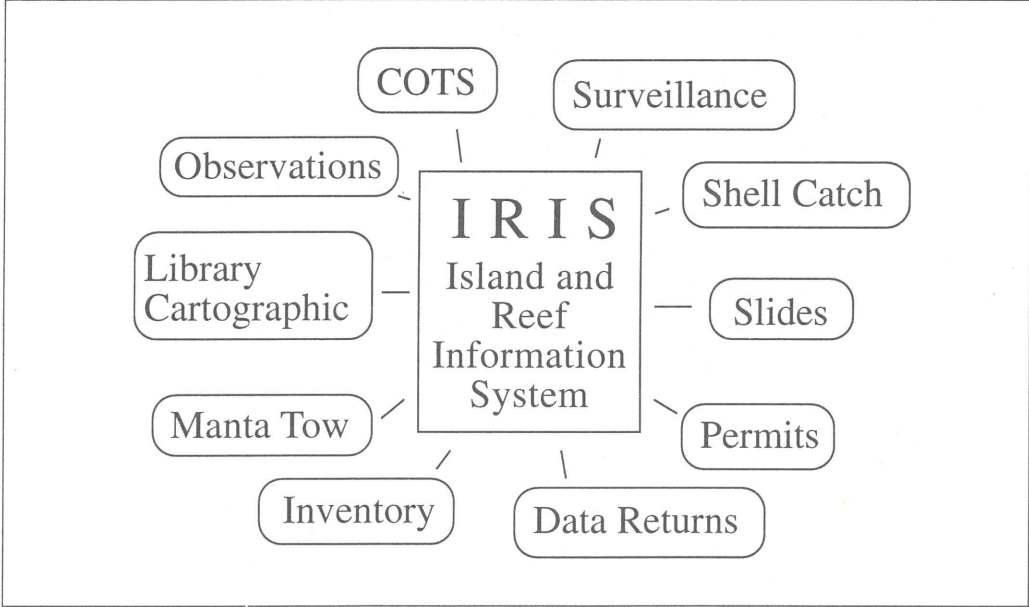
Database development during the year was concentrated on improving the productivity contribution of the Island and Reef Information System (IRIS). This geographic information system provides access to the reef and island

Figure 3. GBRMPA Computer Network 1993-94



information maintained in Authority databases through an easy-to-use graphic interface. The system has been designed for easy use of microcomputers by officers in the field. The system has facilitated an increasing level of coordination of reef information and consequent productivity benefits in management and policy formulation.

Figure 4. Model of the Island and Reef Information System (IRIS) database



A data returns database was developed to record and analyse data from reports submitted by tourist operators. This information assists effective management and provides more accurate assessments of reef usage.

The observation database, which is used to record routine observations of the Marine Park, is being used by some regional offices of QDEH. Information on vegetation, animals, birds, sites of traditional and cultural importance, geology and a general summary of the site is recorded. It is hoped in the near future to build up a store of observational material reef-wide, which will contribute to the increasing effectiveness of reef planning and management.

Steps have been taken to address issues of data consistency. This will ensure, for example, that a consistent set of reef names and identification numbers is used by all agencies involved in reef management and research.

An extensive investigation of Wide Area Network strategies has been undertaken. Measures to upgrade computer communications facilities are being implemented to improve the effectiveness of resources and communications with other resources management agencies and those involved in research.



ENVIRONMENTAL IMPACT MANAGEMENT

OBJECTIVES

This program aims to protect the natural and cultural qualities of the Great Barrier Reef Region while allowing reasonable use through efficient environmental impact assessment of proposals and effective monitoring and management of permitted activities to ensure ecologically sustainable use. Equitable allocation of use of the Reef's resources must balance demands and minimise conflict while maintaining a range of quality experiences and attaining cost recovery. Provision of timely legal advice to Authority staff concerning permitted activities, dispute resolution and other legislative matters must also be achieved.

DESCRIPTION

The Great Barrier Reef Marine Park is managed as a multiple-use area. The Zoning Plans for each Section of the Marine Park specify the activities which require formal permission from the Authority.

The Marine Park permit system enables assessment, regulation and control of environmental impacts associated with all activities within the Marine Park except fishing.

Assessment of applications for commercial activities is done on a cost-recovery basis through a schedule of permit application assessment fees. Where commercial operators are managed by more than one government agency, care is taken to ensure that costs are not duplicated.

RESOURCES

Outlays	\$2 524 318
Staffing	16 staff years

PERFORMANCE INFORMATION

The specific objectives for 1993-94 were to:

- successfully implement the system of Marine Park charges and longer-term transferable permits for permitted commercial operations;

- maintain assessment standards and improve processing permit procedures in the context of an expected increase in permit applications;
- instigate appropriate changes to strategies for managing permitted activities, particularly tourism and recreational use;
- develop principles for cooperative management and maintain effective consultation with Aboriginal and Torres Strait Islander people in relation to the granting of permits for traditional hunting activities; and
- develop policies and strategies for management of water quality in the Marine Park, in relation to sewage discharge from resorts.

PERFORMANCE OUTCOMES

Environmental Management Charge (EMC)

On 30 July 1993 the Great Barrier Reef Marine Park Authority introduced an Environmental Management Charge with the objective of recovering part of the increasing management, research and education costs associated with a marked increase in use of the Marine Park, particularly by tourism. In broad terms, the charge translates to the equivalent of one dollar per passenger per trip.

A booklet entitled *Great Barrier Reef Marine Park Environmental Management Charge* which outlined the charge structure for Marine Park operators, was distributed to all permittees, along with specially designed and produced EMC Log Books. Operators received regular updates on permit related matters throughout the year in the newsletter *Reef Connections* which was distributed upon receipt of the Environmental Management Charge requirements.

Although the legislative changes necessary to introduce the Environmental Management Charge came into force on 1 July 1993, it became apparent that subsequent amendments to the Regulations were necessary, and these came into force on 30 July 1993 and 7 October 1993. They simplified the fishing and collecting schedules, introduced transferability of permits, clarified some of the charging provisions and made various other minor changes to the Regulations.

All permits to which the Environmental Management Charge applies are now transferable, subject to the approval of the Authority. In the first year of operation, 21 permittees applied to transfer their permit with all applications approved by the Authority.

The database systems were extensively modified to accommodate transferable permits and the entry of data from the Environmental

Management Charge log book data. In addition, modifications were made to the database to facilitate the speed and accuracy of data entry.

Operator compliance and cooperation was generally good. During the first two quarters 44 permittees had their permits suspended for failing to pay the EMC and/or for failing to supply log book data. Of these, 30 permits were reinstated following payment or receipt of log book data returns.

Total revenue received from the EMC is expected to exceed the 1993-94 estimate of \$1.3 million, with over \$1.2 million received after only three quarters of the 1993-94 financial year. Salaries and other costs of administering the EMC remained below \$130 000 for the financial year.

A significant amount of the revenue raised will go to the Cooperative Research Centre for Ecologically Sustainable Development of the Great Barrier Reef (CRC Reef Research Centre) to fund programs which examine regional environmental status, problems associated with increased use of the Marine Park, engineering issues, education, and extension programs. Other projects are also funded by EMC revenue (major projects are identified as such where they appear in other sections of this Annual Report).

For revenue collection details of the EMC see Financial Statements note 3 appendix L. EMC commitments to the CRC Reef Research Centre are included in the Financial Statements note 21 appendix L.

Performance guidelines for the EMC program have been formulated. An independent external review, scheduled to start in September 1994, will examine the first year of collection of the new charge, the efficiency of its administration, and its success as a source of revenue for reef management. The review will also examine and address any perceived inequities in the current charging structure.

The review is due to be completed by 31 December 1994 with a public document outlining findings and recommendations to be published in the new year.

Processing of permit applications

During 1993-94, 341 tourist program permits were granted by the Authority, a 113% increase on the 1992-93 period. A total of 886 new permits were granted in the Marine Park, a 43% increase in the total number of permits granted during the previous year.

Of these, the Queensland Department of Environment and Heritage granted a total of 188 permits for educational activities, collecting of coral and aquarium fish, and the installation of moorings not associated with major tourist programs.

The Authority received 12 formal applications for reconsideration,

under regulation 22 of the Great Barrier Reef Marine Park Regulations, concerning the refusal of a permit or concerning specific permit conditions.

Figure 5. Number of Permits Issued or Applications Received

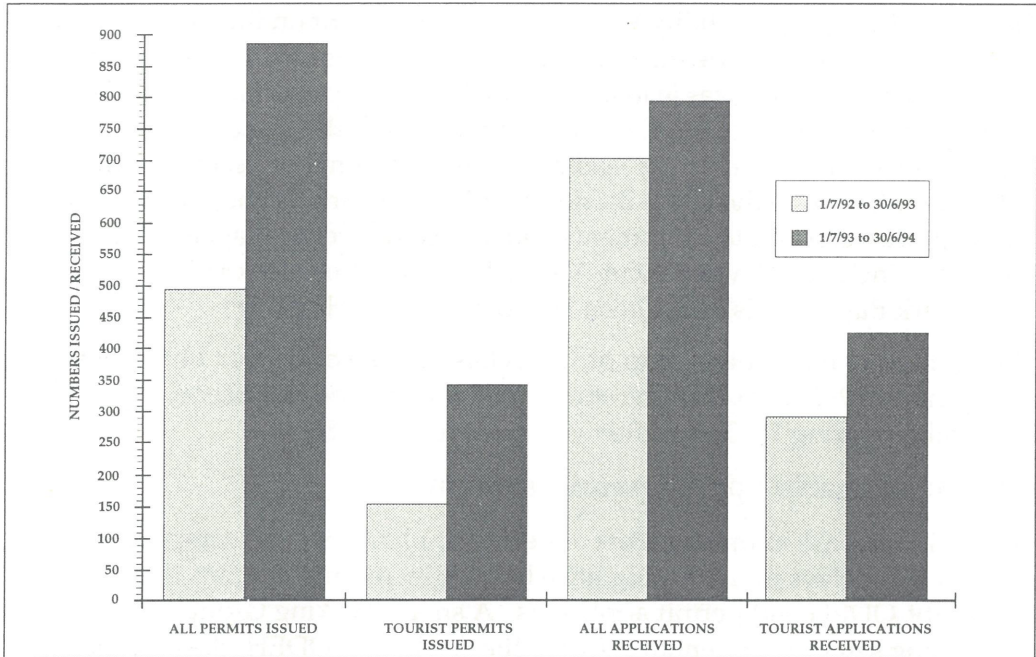


Table 3. Permits issued for activities in the Great Barrier Reef Marine Park during 1992-93 & 1993-94

Permit Type	Number Issued	
	1992-93	1993-94
Research Programs	206	231
Tourist Programs	159	341
(Inc. aircraft operations	3	22)
Collecting	111	117
Traditional hunting	84	103
Education	33	59
Farming of marine resources	7	2
Sea dumping	3	1
Moorings	2	12
Offshore structures	1	2
*Other activities	13	18
Total Permits issued	619	886

*Permits issued under 'other activities' include navigation aids, underwater observatories, and Fishing Industry Service Vessel operations.

Assessment of permit applications for major projects

Assessment of permit applications for major projects requires greater scrutiny due to their complexity and potential for serious environmental impact.

The Authority's responsibility for a project is dependent on the location of the proposal within or outside the Great Barrier Reef Marine Park. During the last year the Authority was lead agency for 115 major project assessments. (QDEH and the Office of the Co-ordinator General in the Queensland Premier's Department took the lead role in 10 additional projects partially within or adjacent to the Great Barrier Reef Marine Park. In these instances, the Authority contributed comments and advice as a referral agency for such proposals, including Oyster Point, Keswick Island, Hummock Hill, Woodwark Bay, Dent Island, Green Island and Shute Harbour.)

The number of major projects in progress has increased by over 14%, from 63 at the end of 1992-93 to 72 at the end of 1993-94. Of the 125 projects undertaken during 1993-94, action was completed for 53.

Review of marine parks permit system

The rapid increase in the numbers of permit applications, the complexity of permits and delays in processing have been of increasing concern to the Authority, QDEH and permit applicants. A small Working Group, comprising senior representatives from the Authority, QDEH, the Queensland Department of Tourism, Sport and Racing, and the Association of Marine Park Tourism Operators (AMPTO), with significant input from the Australian Littoral Society, was established and has completed a review of the permit system.

The Authority has adopted the principles recommended by the Working Group for transformation of the permits system. These principles include greater emphasis on management of impacts and sites rather than regulation of users; greater emphasis on the use of plans and Regulations, with any necessary constraints applying as far as practicable, to all user groups; and increased reliance on Codes of Practice, operator training and self-regulation.

The Working Group will meet quarterly to monitor the implementation of radical changes recommended for the permit system.

Information packages for permit applicants

During the year two information packages were developed for permit applicants:

Guidelines for Swim-Pontoons in the Marine Park was developed to take into account the small size (less than 50 square metres) and ease of removal of these structures, compared to large tourist structures.

Guidelines for the Operation of Fishing Industry Service Vessels in the Marine Park was developed through negotiation with operators and the Queensland Commercial Fishermen's Organisation. These guidelines outline, among other matters, exclusion areas in the Marine Park and oil spill contingency planning, training and equipment requirements.

Consulting with Aboriginal and Torres Strait Islander communities on permits

The existing legal framework for the granting of permits for traditional hunting activities in the Marine Park is unclear given the possible existence of Native Title in the Marine Park.

This notwithstanding, the Authority has continued to develop cooperative management arrangements with Aboriginal and Torres Strait Islander groups through Councils of Elders. The Giru Dala (Bowen region) Council of Elders adopted a community-based traditional hunting permit which provides for the issue of 'authorities' by community Elders up to an agreed limit for their clan area. Other coastal communities and clan groups including Injinoo, Mossman Gorge, Palm Island, Mackay and Birri-Gubba (Townsville) have applied for similar community-based permits.

The Giru Dala Council of Elders decided not to hunt dugong due to concerns about the ecological sustainability of dugong hunting in their clan areas.

In 1993-94 a total of 103 permits were granted to Aboriginals and Torres Strait Islanders to hunt turtle and dugong in the Marine Park.



Presentation of a community-based traditional hunting permit to members of the Giru Dala (Bowen region) Aboriginal Council of Elders. From left to right: John Lock (Giru Dala Clan member), Clive Cook (GBRMPA), Irene Butterworth (Council Elder) and Artie Jacobson (QDEH). Photograph courtesy of the Whitsunday Times

Tourist resorts

All tourist resorts discharging sewage effluent to the Great Barrier Reef have been upgraded to tertiary treatment standards (or equivalent), in recognition of the Authority's 1996 upgrading deadlines, with the exception of one resort on Hook Island in the Whitsundays. Action to resolve matters in relation to this resort is under way.

Programs for environmental assessment, monitoring and management of port activities

An application for sea dumping of spoil arising from maintenance dredging of the Port of Cairns and entrance channel was assessed. A decision based on the recommendations of this assessment will shortly be forthcoming.

The Townsville Port Authority has developed a Draft Port Development Plan incorporating plans for port expansion which has been reviewed by the Authority. Authority staff sit on the Technical Advisory Committee assisting the Townsville Port Authority to develop a long-term dredging and spoil disposal strategy. Upon finalisation of this strategy the Port Authority will apply for a long-term permit under the *Environment Protection (Sea Dumping) Act 1981*.

The Queensland Museum

A consultancy was completed during the year to develop a Historic Shipwreck Database for the Great Barrier Reef Region. A draft Memorandum of Understanding has been developed between the Queensland Museum, the Commonwealth Department of the Environment, Sport and Territories, QDEH and GBRMPA for the management and protection of maritime cultural sites on the Great Barrier Reef.

Legal program

Staff in this program are service providers to the rest of the Authority. Timely and effective legal advice was provided to all sections of the Authority. In addition staff coordinated amendments to the Act and regulations, and the provision of legal advice to the Authority from the Attorney-General's Department. The effectiveness of this program was measured by the responses to a legal services questionnaire completed by the heads of the sections.

Permit Appeals

At the start of the year an appeal to the Administrative Appeals Tribunal (AAT) by a tourist operator who objected to the grant of a permit to another operator allowing further access to a part of the Marine Park was withdrawn.

Another appeal was lodged with the AAT by a tourist operator who was

refused further access to an area of the Park. Such access would have been contrary to the management plan for the area. The matter was resolved through mediation whereby the operator was allowed access to an adjacent part of the Marine Park. This solution maintained the integrity of the management plan while assisting the operator to expand his activities in the area.

In-service training

Program staff continued to provide significant contribution to various in-house courses and to investigator courses run by the Queensland Department of Environment and Heritage. Legislation workshops were also run for Queensland Boating and Fisheries Patrol and Queensland Water Police officers.



RESEARCH AND MONITORING

OBJECTIVES

The Research and Monitoring program assists the Authority in its aim of achieving competence and fairness in the care and development of the Marine Park by obtaining and interpreting information relevant to the understanding of the Great Barrier Reef and to the implementation of the Authority's programs.

DESCRIPTION

Information on key management issues is collected from research conducted primarily by private, university, industry and government researchers under contract to the Authority. The role of staff is primarily to coordinate integrated research programs, assist in research design, and manage contracts for the acquisition, interpretation, dissemination and application of research results for the Authority.

Complex information is required to help understand the Great Barrier Reef and studies over as many as four or five years are generally necessary to get useful results.

The collection of information is carried out and evaluated according to a strict set of principles developed by senior officers of the Authority, including peer review of design and results.

RESOURCES

Outlays	\$3 435 785
Staffing	19 staff years

PERFORMANCE INFORMATION

The specific priorities for 1993-94 were to:

- continue the development of long-term monitoring strategies and research programs in regard to Great Barrier Reef water quality, determination of the effects of fishing and crown-of-thorns starfish;

- complete the Torres Strait Baseline Study;
- develop policies and strategies for management of water quality in the Marine Park; and
- have in place arrangements for efficient and timely conduct of research for ecologically sustainable use through the auspices of the CRC Reef Research Centre.

PERFORMANCE OUTCOMES

Water Quality

The Water Quality program coordinates research to answer questions relating to the sources, fate and effects of pollutants, particularly nutrients and sediment from land run-off, likely to affect the Marine Park.

Particular attention is given to the level of pollutants, their effect on corals, and to what degree the pollution is due to natural causes and how it has been caused by human activity.

During the year a total of 49 projects were funded involving researchers from 16 organisations, while a further four projects were conducted by Authority staff. Eight projects were completed on time and within budget, but several others were delayed due to difficulties with contractual arrangements, and unsuitable 'wet season' conditions. Lack of long-term funding has restricted the design and implementation of many other projects and will likely limit the meaningfulness of the results.

ENCORE

Ten new projects were initiated as part of the Enrichment of Nutrients of Coral Reef Experiment (ENCORE) program.

The ENCORE program commenced fertilisation on 1 September 1993, at One Tree Island, where sections of a sheltered reef receive regular doses of nutrients, while others are left untouched. Results so far show significant responses in some organisms, particularly coral and clams, including biochemical changes and decreased reproductive potential. On the other hand, other organisms, in particular turf algae, show no response so far. ENCORE has had significant publicity including a segment on the ABC programs *A Question of Survival*, and the *7.30 Report*.

Funding of \$100 000 was transferred to the CRC Reef Research Centre for the project *Shelf scale nutrients dynamics in Great Barrier Reef waters: regional variability, shelf scale processes and water column cycling*.

Monitoring of water quality

Under the Authority's Water Quality Monitoring Program sampling at five transects has been undertaken since November 1992. Results from the first year of the program show that a greater density of chlorophyll and hence phytoplankton are present inshore compared with offshore. There is also a higher concentration of chlorophyll in the summer wet season than there is in the drier winter months.

Sewage disposal systems in and near the Marine Park have been inspected under the regulatory/management component of the monitoring program. Staff have liaised closely with Planning and Management Section and cooperated with State authorities on sewage discharges, land management and coastal development. A new sewage system with land irrigation started operation during the year on Lizard Island.



The effects on the Reef of sediment and nutrients from this muddy plume flowing from the Johnstone River into the Great Barrier Reef during Cyclone Sadie in February 1994 are being monitored as part of the Authority's Water Quality program.

Collaboration with the Queensland Department of Primary Industries, QDEH, and industry groups, through the Queensland Catchment Management Coordinating Committee has continued to improve land management and minimise run-off of pollutants from catchments into the Great Barrier Reef waters.

Policies on the discharge of sewage effluent from island resorts continue to be

implemented. All sewage treatment plants are required to meet tertiary treatment standards (or equivalent) by 1996.

These programs will continue in 1994-95.

Crown-of-thorns Starfish

The objective of the Crown-of-thorns Starfish program is to monitor the crown-of-thorns starfish and their effects on the Great Barrier Reef. The program concentrates on investigating the causes and effects of outbreaks, in particular the possible role of human activities causing or exacerbating them.

Investigations are taking place on a number of fronts:

- Two survey programs are maintained to monitor starfish numbers and the status of reefs. As part of an ongoing study, the Australian Institute of Marine Science surveyed approximately 100 reefs during the year, recording crown-of-thorns starfish numbers, corals, fish and water quality.
- Survey forms of the public participation program called COTSWATCH have been distributed and promoted to Reef-users including recreational divers, tourism operators, and managers. Completed forms provide information on starfish numbers and sizes and the condition of corals.
- Investigation of the causes and effects of outbreaks is undertaken through contracting research to academic and research institutions, as well as private consultants.
- An advisory committee, the Crown-of-thorns Starfish Research Committee (COTSREC) recommends research directions and specific projects to the Authority.
- Informing the public of program results is achieved through media releases, publications and an education/extension component within the program.

A total of 23 projects were funded in 1993-94. Sixteen of the projects were completed on time and within budget and met their objectives.

Monitoring through the COTSWATCH program has been particularly successful since its promotion in November 1993, with over 170 reports received giving details from more than 300 sites at 65 different reefs. The program was instrumental in providing early evidence of increasing starfish numbers on reefs off Cairns. The increase was subsequently confirmed through surveys by the Australian Institute of Marine Science, indicating that the monitoring programs are effective in detecting quite small increases in starfish populations. This ability to detect small changes is unprecedented for the Great Barrier Reef.

Research to develop environmentally friendly techniques for the effective local control of crown-of-thorns starfish (compared with the current practice of injecting copper sulphate) has indicated alternative suitable chemicals for injection. These are currently being trialled in the field.

Results of research into a possible relationship between outbreaks and water quality continued to support this connection. Field and laboratory experiments indicate that growth and development rates of crown-of-thorns starfish larvae are normally limited by the availability of food and that events which increase food availability (such as coastal run-off of nutrients) could result in higher larval survival.

These programs will continue in 1994-95.

Effects of Fishing

The primary objectives of the program are to assess the environmental effects of reef-based line fishing on target fish populations and associated reef communities, and to determine the direct and indirect effects of prawn trawling on the Great Barrier Reef Lagoon and inter-reefal marine communities.

There is concern that the major fishing activities in the Marine Park may be having substantial environmental impacts on the ecosystem. The Authority is committed to evaluating and developing strategies to manage these impacts so that the activities are ecologically sustainable. A number of strategies are currently in place to achieve these objectives.

1. A large-scale manipulative experiment is being developed through the CRC Reef Research Centre to assess the impacts of reef line and spear fishing on reef communities. In addition, strategies are being developed to determine the ways in which to collect catch and effort data for all sectors of the recreational fishery.
2. A project conducted by CSIRO and QDPI in the Far Northern Section of the Marine Park is being funded by the Authority to determine the effects of prawn trawling, not only on prawns themselves but also on bottom plant and animal communities. This study is detailing the recovery rate of these communities after trawling ceases, and the survival and fate of the trawl discards including their impacts on other animal populations such as seabirds.
3. Strategies based on interim research results are being developed by Authority staff for managing the impacts of fishing in the Marine Park.

During the year:

- the second year of the Far Northern Section trawl research project was completed and year three started;
- the *Effects of Line and Spear Fishing* study by the CRC Reef Research

Centre was commenced. The study is looking at ways of finding out just what information recreational fishing and boating people need, and at the effects of line and spear fishing; and

- an Effects of Fishing Working Group within the Authority was established.

In order to evaluate the direct and indirect impacts of fishing, studies need to be conducted over several years, so there are as yet no concrete conclusions to be reported. The Effects of Fishing research program will continue in the coming year. As research findings become available, strategies will be drafted to manage the impacts of fishing in an ecologically sustainable manner.

Monitoring

Monitoring enables the Authority to understand changes to the Great Barrier Reef, both naturally occurring ones and those resulting from human activity. Information collected over a long period is important to clearly determine naturally occurring changes in the ecosystem. Once this information is available, naturally occurring effects can be distinguished from those caused by humans.

During 1993-94 a major study on refining methods for conducting underwater surveys of fish was completed and a project to develop guidelines for assessing oceanographic models was commenced. A number of pontoon monitoring programs have been completed and long-term studies at high-use sites using underwater video techniques have commenced. Two pilot projects for monitoring the effects of global climate change and a major survey of dugong populations in the southern Great Barrier Reef were also completed.

The program has been highly successful in meeting its objectives during the 1993-94 year. This evaluation is based on the expansion of the long-term monitoring program and the continued assessment of existing sites. Ties with other organisations such as the Australian Institute of Marine Science have been strengthened and economies of scale are being realised by combining long-term surveys with those conducted on crown-of-thorns starfish.

Social, Cultural and Economic Program

There was no active Social, Cultural and Economic program during most of 1993-94. However, a number of projects initiated in 1992-93 were completed. A program manager was appointed in April 1994 to develop and implement a program responsive to planning and management needs and sensitive to the interests of reef users.

The main objective of the program is to develop methods to collect social, cultural and economic information which will allow staff of the Authority to assess and evaluate the way they are doing their job and help them to plan new strategies.

The main areas of investigation are tourism and recreational management, and the assessment of social, cultural and economic impacts.

A report on the economic value of the reef has been submitted, providing an update on previous figures. It is based on financial values of the main activities taking place on the reef.

Other projects started in 1993-94 are still in progress and will be completed in the coming year. They include a study of visitor experiences at the Lady Musgrave Island and Reef.

Effects of Shipping and Ports

The Effects of Shipping and Ports program coordinates the Authority's activities concerning the prevention, management and research of ship-sourced pollution. The program maintains the Authority's reactive capability for oil spills, as required by REEFPLAN. It also provides input into the environmental assessment, monitoring and management of port operations within and adjacent to the Marine Park.

The program objectives were attained through the commissioning of research and the subsequent development of policy based on research results, membership of relevant State and Commonwealth committees e.g. National Plan Advisory Committee and Queensland National Plan Oil Pollution Committee, and closely working with various government and industry bodies to minimise the impacts of shipping and port-related activities.

During the year, there was continued input to the National Plan and REEFPLAN training programs by providing speakers at workshops and courses. The development of a management strategy for shipping in the Marine Park was started, and the Authority undertook a full response to the National Plan oil spill exercise, Exercise Capricorn, with staff situated in Gladstone, Brisbane, Townsville and Canberra.

A risk assessment study to assess the comparative risk of an oil spill occurring on the inner and outer shipping routes of the Great Barrier Reef was also commenced, with funding provided by Caltex Tanker Company (Australia) Pty Ltd.

Torres Strait Baseline Study

This study, which is being carried out for the Department of the Environment, Sport and Territories (DEST), is investigating the possible effects on the Torres Strait marine environment of mining operations in the Fly River region of Papua New Guinea. Funding was received from DEST, BHP Minerals and the Porgera Joint Venture.

Data have been collected to determine the current levels of trace metals in sediments, marine indicator organisms, community fisheries and commercial fisheries species in the Torres Strait. This and other information will be used to determine if there is trace metal contamination in the marine environment from mining operations in Papua New Guinea.

The report of the Pilot Study was printed and distributed in late 1993. Two further editions with corrections and modifications were printed in early and mid-1994.

The continuation of the study was suspended in the 1993-94 financial year as a result of a lack of funding. However, \$200 000 has been provided in 1994-95 for its completion. The main study will be finished by early 1995 and a final report prepared by July 1995.

State of the Marine Environment Report (SOMER)

The first State of the Marine Environment Report for Australia is being prepared as part of the long-term Commonwealth Government program, Ocean Rescue 2000. The Department of the Environment, Sport and Territories commissioned the Authority in 1991 to prepare the Report.

SOMER will be the first comprehensive description of Australia's marine environment, its resources, management, human uses, and impacts. It will identify major issues in the marine environment, assess existing data, and consider appropriate environmental indicators. The Report will provide baseline information for the development of the Ocean Rescue 2000 national marine conservation plan, for the establishment of a representative system of marine protected areas, for the national marine education program and for future national marine environmental reporting.

Preparation of the report has involved consultation with the marine scientific and industrial communities, with other Commonwealth and State agencies, local government, and community groups. The cooperation of the States is supported through the Australian and New Zealand Environment and Conservation Council (ANZECC), the nation's main mechanism for intergovernmental coordination and consultation on environmental issues.

The SOMER Advisory Committee provides advice to the Authority on technical aspects of the program, such as the proposed outline of the report, possible expert contributors and the peer review process. The Committee oversees the quality of the information compiled and reviews the conclusions drawn to ensure the highest possible technical credibility for the report.

The production of 84 topic papers is now almost complete. Problems included considerable delays in the formal release of internally produced papers by some States, the late unavailability of several authors and poor reviews of several papers by external peer reviewers, which necessitated the

commissioning of new authors, and time required by the peer review process. The collection of topic review papers will be published as a technical annex to the main report.

The main report continued to be compiled simultaneously from the topic reviews. Most chapters have now been checked with relevant Commonwealth and State agencies, and the main report will be submitted to ANZECC at its next meeting.

A draft summary of the major findings of SOMER has been produced and circulated for comment to the SOMER Advisory Committee and relevant Commonwealth and State agencies. This will be submitted to ANZECC out of session as soon as possible.

SOMER will continue into 1994-95 to enable final editing and publication of the three reports, and a national conference and series of Commonwealth and State workshops on its findings.

CRC Reef Research Centre

Arrangements were established for coordination of research with the CRC Reef Research Centre. The Authority contributed \$665 000 in cash for research and \$181 000 in kind (mainly salary cost for staff involved in research activities). In addition \$500 000 was provided as the agreed proportion of the EMC collected from commercial operators in the Park. Authority staff are involved in all the CRC Reef Research Centre research programs and in activities such as research priority setting and reviews of results.

EDUCATION, INFORMATION AND AQUARIUM



OBJECTIVES

The primary objective of the program is to increase the knowledge and commitment of reef users and the general public to the Great Barrier Reef and to have public support for the ecologically sustainable use of the Marine Park. A second objective is to provide efficient and effective design, production and library services to the Authority.

DESCRIPTION

The program includes an extension and education program targeted at major reef user groups, the general public and the education system, a production unit which provides graphic design, photography, cartography and publishing services for the Authority, an extensive library and the Great Barrier Reef Aquarium.

In view of the unique nature of the Great Barrier Reef Aquarium a separate description is included.

RESOURCES

Outlays	\$1 309 892
Staffing	21 staff years

PERFORMANCE INFORMATION

Specific priorities for 1993-94 were to:

- effectively influence public attitudes and behaviour through education, extension, interpretation and information dissemination especially by:
 - further liaison with commercial fishing industry and recreational user/fishing sector;
 - the provision of extension, training and other assistance to the tourism industry; and
 - development of a strategy to influence the education system; and
- manage, on behalf of the Department of the Environment, Sport and Territories, the National Marine Education component of the Ocean Rescue 2000 program.

PERFORMANCE OUTCOMES

Extension and community education

A major feature of this program has been increased cooperation with other state agencies' education and extension programs, demonstrated by a variety of jointly funded projects and in-kind support such as sponsorships.

Tourist operator assistance

The introduction of the Environmental Management Charge provided the opportunity for further extension with commercial tourism operators. A liaison officer with a tourism background was contracted by the Authority to commence development of a range of educational and interpretive products for use by the industry and assist with the development of voluntary codes of practice. A newsletter *Reef Connections* was produced to inform operators about Authority projects and initiatives in this area including the operation of the CRC Reef Research Centre.

Six new regional Marine Parks Advisory Committees were established in Mackay, Airlie Beach, Ingham, Cairns, Port Douglas and Cooktown. The aim of these groups is to formalise communication links between tourist operators, marine park and fisheries managers and local interest and user groups. They include representation from all groups including conservation, local government, Aboriginals and Torres Strait Islanders, and residents.

Extension staff and a consultant helped develop a Cairns TAFE tourist operator training course for Reef interpretation and management. The one-year certificate level program contains a range of theoretical and practical modules for training in communication, design and delivery of interpretation services, coastal and marine studies and reef biology.

Commercial and recreational fishing

A commercial fisheries consultant was contracted again to assist in a number of industry educational and liaison projects. The program included continued development of liaison projects involving QCFO, QDEH and QFMA plus the formation of regional Marine Parks Advisory Committees.

The seventh and eighth editions of the free video program *Deckhand* were produced and distributed to Queensland commercial fishermen. A special Victorian version, with sponsorship from Ocean Rescue 2000 and the Victorian Government, was also produced. A survey on both versions was undertaken which showed a very positive response with suggestions on future stories. The main goal of the video program is to communicate management and conservation messages to fishermen in an entertaining and attractive way.

A fishing awareness campaign to encourage recreational anglers to 'do the

right thing' continued using regional television and newspapers. Community service advertisements and editorial about minimising anchor damage, using marine park zoning maps and preventing litter were featured during the year.

Education strategy

The Authority continued to support marine education and conservation projects organised by Australian secondary and tertiary institutions including training workshops for geography, science and environmental education teachers.

'Reefkeeper', a secondary school competition for student groups to research and communicate key management issues about the Reef, was launched in May. Initiated by the Cairns Hilton with GBRMPA, QDEH and the Queensland Department of Education, schools are required to produce a ten-minute video story. Winners will receive Reef trips with the major team prize being a trip to Sydney to visit the ABC *Quantum* studio, Oceanworld, Manly, and other attractions.

The Authority continued to support the Marine Education Society of Australasia (MESA) by conducting Seaweeek '94. The national theme was 'Caring For Our Coast' focusing on coastal and marine management and conservation issues. Over 30 000 people participated in Queensland with local coordinating committees from Port Douglas to Surfers Paradise. A special poster, an educational booklet and displays helped promote this campaign extensively throughout Australia with excellent publicity. A range of Seaweeek activities included public seminars, beach clean-ups, marine drama performances, water quality testing, displays, open days and essay competitions.

Contributions were made to the Ocean Rescue 2000 State of the Marine Environment Report with chapters describing formal and community marine education programs in Australia today. Two further chapters, compiled by staff, included recommendations for improving public attitudes and behaviour about Australia's coastal and marine zones. Assistance was also provided to the Ocean Rescue 2000 national marine education program.

Public contact strategy

The Public Contact (Education) Strategy being developed by GBRMPA and QDEH has clarified management issues to be addressed in extension and education areas. It was used to help develop annual programs within each agency. A major Public Participation Project was started for the review of the Far Northern Section of the Marine Park and included development of brochures, displays and planning for community discussions.

Freedom of Information

The Authority received four requests for information under the *Freedom of Information Act 1982* (FOI Act). All were handled within the statutory time period to the satisfaction of applicants. One request was being processed at the end of June 1994.

The Authority maintained its updated documentation called for under sections 8 and 9 of the FOI Act, and its regular reporting. Documents available to the public are listed in appendix C.

Ocean Rescue 2000

The Education and Information Section is coordinating the National Marine Education component of Ocean Rescue 2000, a national marine conservation program for the Department of the Environment, Sport and Territories.

The main emphasis is on raising community awareness of marine issues and the need for active marine management programs.

Projects successfully completed were:

- the community service advertisements on TV and radio broadcast nationwide;
- production of the Ocean Rescue 2000 schools scheme - Dob in a Do-Goode;
- support for in-service courses for teachers in Melbourne, Adelaide, Perth and the Gold Coast;
- displays at a variety of venues including Oceanworld, Manly; and
- articles for a variety of publications.

Staff are also working with a number of television programs to promote the marine conservation message, notably *Quantum* (ABC) and *Totally Wild* (TEN). A documentary featuring marine environmental issues and the value of marine protected areas is under production and a one-hour documentary on the relationship of indigenous Australians to the marine environment is under negotiation.

Ocean Rescue 2000 staff have met with Aboriginal community rangers and representatives of the Torres Strait Islander community to discuss the best way to communicate marine issues to traditional users. Education material and a Temperate Waters Field Guide are currently under development.

Library

A priority during the year 1993-94 was to upgrade library resources to meet

existing large increases in demand for service. This was achieved through a complete redesign of the physical layout of the library. Open shelving was installed to replace the compactus, with more space being allocated for client study, new material display, and staff work areas.

Library services worked towards the objective 'to sustain the current level of library services to staff and the public' for 1993-94. Usage statistics show this was achieved despite the major disruptions of the move. Again, demand was high. This continues a three-year trend of consistently heavy use of all library services.

The second edition of the Heritage and Environment CD-ROM was produced. This format is very popular with clients, and has facilitated easier access to the REEF database. Other GBRMPA library records continue to be added to national union catalogues. By the end of 1993-94 20% of the collection was included in the Australian Bibliographic Network. These activities have improved external access to library databases and resources. This met the 1993-94 corporate objective 'to facilitate public access to library databases'.

The slide collection was heavily used, with substantial revenue being raised from public use. Additional effort was put into reference, document delivery and current awareness services for staff.

The desired outcome for this program continues to be the effective provision of library information services and resources which meet the needs and priorities of the organisation and its staff.

Production Unit

The Production Unit provides advisory services and products including graphic design, photography, cartography, corporate identity, quality control, publishing and copyright for the Authority.

The unit's operational budget included \$72 000 income derived from sales and royalties.

The most significant achievements this year have been:

- production of publications for the Ocean Rescue Award Scheme;
- design and production of a logo and stationery for the CRC Reef Research Centre;
- design and production of an exhibit for the Great Barrier Reef Aquarium about the basic requirements that maintain coral reefs;
- design and production of publications for the Strategic Plan for the Great Barrier Reef World Heritage Area;

- development of materials for the pending review of the Far Northern Section Zoning Plan in association with the Extension Unit and the Planning and Management Section;
- production of the workshop proceedings *Hulls, Hazards and Hard Questions* on behalf of this agency and the Australian Maritime Safety Authority;
- reefscape photography for the Research and Monitoring Section 'Historic Photographs' project; and
- Annual Report, Corporate Plan and Calendar.

Improvements to the unit's computer assisted design and desktop publishing capabilities provided greater control and versatility with simple products and tasks. In addition the advent of large output devices for computer generated designs enabled the unit to produce with ease very short print runs of maps and display posters, to almost any size. This important development is now fully in place for the public participation program for the review of the Far Northern Section Zoning Plan, where the vested interest groups are both small and diverse.

On the other hand, delays and cost overruns were caused by alterations to products requested by clients very late in production. This situation is an unavoidable consequence of wide consultation and cooperation.

Media

Print and electronic media interest in Marine Park management issues continues to be positive, providing the Authority with a valuable public communication vehicle.

Heading the list of topics that attracted media interest were water quality, tourism, human impacts, pollution and the crown-of-thorns starfish research program.

Film and video

Technical advances in underwater video equipment have allowed the Authority to provide the media with more comprehensive underwater vision thus enhancing news releases concerning the work of the Authority.

Video presentations, produced by Authority staff, were used to develop greater public awareness concerning the Strategic Plan for the Great Barrier Reef World Heritage Area, and to communicate issues relating to other management issues in the Marine Park.

GREAT BARRIER REEF AQUARIUM

SPECIFIC OBJECTIVE

The objective of the Aquarium is to enhance community understanding, appreciation, experience of and support for the Great Barrier Reef, the Marine Park and the Authority by providing a readily accessible onshore reef environment and interpretive facility.

DESCRIPTION

The Great Barrier Reef Aquarium is a living museum featuring the world's largest living coral reef on land, a predator exhibit, walk-through viewing tunnel and complementary living exhibits and interactive displays. The Aquarium is now established as one of Australia's premier environmental education facilities and has been recognised internationally through the awarding of the prestigious UNESCO Einstein Gold Medal. In providing visitors with a realistic and educational reef experience, the Aquarium plays an integral role in helping the Authority achieve its goal.

RESOURCES

Outlays	\$2 020 181
Revenue (including \$500 000 Minor Works Technical New Policy funding)	\$2 073 541
Staffing	26 staff years
Volunteers	12 000 hours

PERFORMANCE INFORMATION

Specific objectives for 1993-94 were to:

- improve visitor experience and learning at the Aquarium by:
 - installation of an Aboriginal and Torres Strait Islander exhibit to cultivate awareness and understanding of the cultural heritage of the Great Barrier Reef;
 - installation of a science/technology exhibit to improve understanding of coral survival conditions and Aquarium technology; and
 - upgrading the interpretative area exhibits; and
- utilise Minor Works Technical New Policy funding to provide for safer and more efficient operation of Aquarium facilities.

PERFORMANCE OUTCOMES

Major achievements of the Aquarium for 1993-94 were:

- development of the Stone Fishtrap exhibit which explores Aboriginal and Torres Strait Islander traditional use of the marine environment;
- achievement of 80% cost recovery which is significantly higher than any other national educational or cultural facility;
- development of a Business Plan by the Great Barrier Reef Aquarium Advisory Board to address the projected financial needs of the Aquarium;
- an essential refurbishment program funded by a \$500 000 grant from the Federal Government;
- further development of research facilities and capacity;
- establishment of the After Dark Program with particular focus on overseas students;
- employment of Aboriginal and Torres Strait Islander people as Aquarium interpreters;
- promotion of after-hours use of the Aquarium as a function venue;
- expansion of the Volunteer Program through annual recruitment, ongoing training and development of the Student Volunteer Program; and
- a major consultancy for Seaworld Indonesia.

Exhibits

The Stone Fishtrap, the Aquarium's latest major exhibit, was opened in May 1994. It promotes the experiences and knowledge of indigenous people in caring for the Great Barrier Reef. Members of the Aboriginal and Torres Strait Islander communities have been employed to interpret the exhibit, with partial funding for the display coming from the Aboriginal and Torres Strait Islander Commission.

The popular children's craft sessions were given a permanent base with the construction of Kid's Corner. This project was funded by the Aquarium Volunteers Association.

Upgrading of the wave machine and remodelling of the shape of the reef front have improved the appearance of the Coral Reef Exhibit. Water quality in the Predator Exhibit has been improved with an upgrading of the ozone treatment system.

Design and fabrication of Reefworks, the new Aquarium exhibit promoting



Traditional use of the Reef is highlighted in the new Aquarium exhibit, the Stone Fishtrap. While visiting the Aquarium, Environment Minister Senator Faulkner met with one of the exhibit's Aboriginal and Islander interpreters.

understanding of the conditions for coral reef survival, are complete. The display will be launched in August 1994.

Education

The Great Barrier Reef Aquarium is now recognised as Australia's national reef education centre, and its commitment to education is reflected in the widening range of activities available:

- Approximately 5500 students participated in the Schools Program during 1993-94.
- Educator Open Houses offered opportunities for teachers to familiarise themselves with the range of educational programs offered by the Aquarium.
- Teacher in-service workshops updated educators on programs available in specific syllabus areas.
- Over 500 overseas students participated in the After Dark Program which allows students to sleep and learn in the Aquarium.
- The Rotary Science Student Employment and CSIRO Student Research Schemes provided hands-on opportunities for secondary and university students to participate in Aquarium research.
- Public education courses on coral reef biology and ecology were offered

through the Aquarium Volunteers Association. These courses appealed to a broad cross-section of the public and foster community knowledge of the Reef.

- Discovery Sessions focusing on specific marine topics were conducted twice monthly.

Volunteers

Aquarium volunteers continued to make a significant contribution to the operation of the Aquarium. There are currently 120 volunteers who provided 12 000 hours of service in 1993-94.

The student volunteer corps was expanded with another intake of high school students. These student volunteers add another dimension to volunteering in the Aquarium and play an important part in Kid's Corner and the Friends Program activities.

The Volunteers Association initiated and organised the inaugural national conference for volunteers involved in the Arts, Tourism, Environment and Heritage. 'Volunteers in Step' held in September 1993 raised the profile of the Aquarium nationally. Proceeds from the conference are funding two Aquarium exhibits.

Marketing and promotion

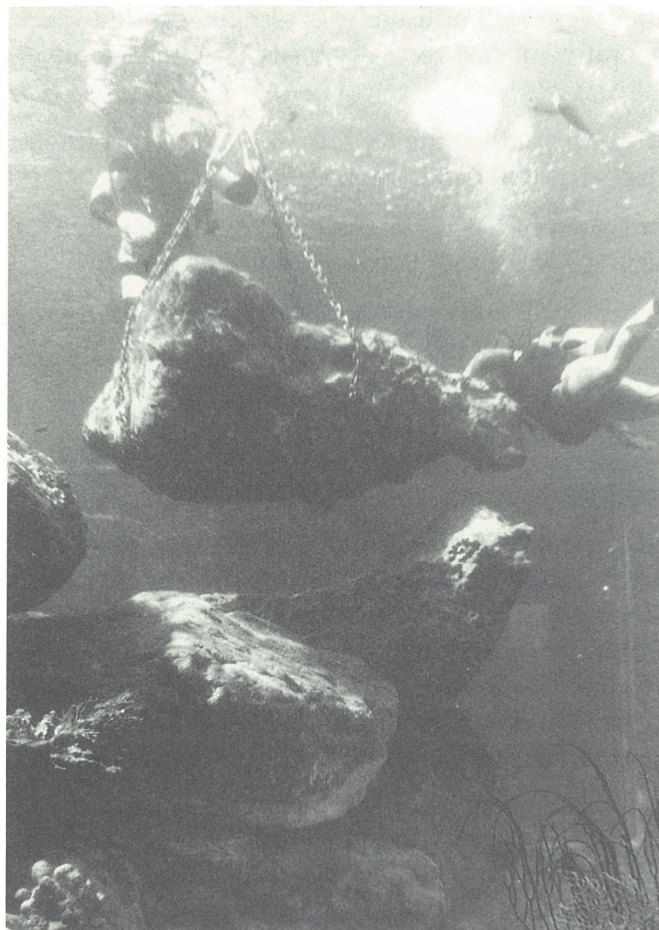
Marketing of the Aquarium was carried out jointly with the Great Barrier Reef Wonderland Complex. In addition, the Aquarium undertook an extensive program to increase local resident support and reinforce the Aquarium's reputation in the community.

- The visibility of the Aquarium to road travellers was improved with highway signage installed north and south of Townsville.
- A new Aquarium mascot named Finlay was created to spread the Aquarium message among students and shoppers.
- The Aquarium has been successfully promoted as an unique after-hours venue for private and business functions and conferences.
- The Adopt-a-Motel project has promoted Aquarium visitation through regular liaison with local establishments.

Advisory Board

The Great Barrier Reef Aquarium Advisory Board represents a cross-section of local business, academic and community leaders. It provides advice to the Aquarium on business, planning, marketing and policy issues and is a vital link between the Aquarium and the business community.

Under the chairmanship of Mr John Lyons, the Board developed a Business Plan which addresses the critical objectives of financial viability together



Aquarium divers carefully move a large rock to reconstruct the reef front of the Coral Reef Exhibit.

family orientated activities were offered to members including sleepovers and after-hours tours. Several new sponsors provided financial assistance or goods and services for Aquarium exhibits, promotions and general operations. Two issues of the Aquarium magazine *Coralines* were published for membership distribution and promotion.

Research

The Aquarium supported an active research program of both internally and externally funded research. In-house research targeted specific live exhibit management problems. Seawater replacement costs have been significantly reduced with the development of a system to treat water from the adjacent Ross Creek. The seawater is processed to acceptable standards for use in the Predator Exhibit and small display aquaria. The ongoing monitoring of coral survival in the Coral Reef Exhibit has improved collecting efficiency through identification of the more hardy species.

with enhancement of exhibit and education program standards.

Joined by the Townsville Port Authority and the City of Townsville, the Board presented a joint submission for Aquarium financial assistance to the Minister for the Environment, Sport and Territories. The submission seeks a recurrent annual contribution to operating costs. The Board also met with the Minister for the Environment, Sport and Territories, Senator the Hon. John Faulkner.

Friends of the Aquarium

Membership of the Friends of the Aquarium Program increased through more effective promotion. A variety of

The Aquarium research facilities were well utilised by externally funded research undertaken on a cooperative or cost recovery basis. The following projects were undertaken:

- Earthwatch supported a major project on the reproduction and recruitment of acroporid corals. This research will continue in 1994-95.
- A larval rearing facility for crown-of-thorns starfish was established with funding from the Research and Monitoring Section of the Authority.
- The first phase of a three-year study into water quality factors affecting the survival of acroporid corals was completed.
- Holding facilities were provided for a coral reproductive biology project by the James Cook University of North Queensland.

Achievement of cost recovery

Approximately 139 000 people visited the Aquarium in 1993-94. Revenue raised from admission fees, the Friends Program, Aquarium Shop and other business activities met 80% of operating costs. This is excluding non-cash items such as depreciation, staff leave provisions, superannuation and expenditure on work funded under Minor Works Technical New Policy appropriation. (Refer to Financial Statements Note 4.) A high level of cost recovery considering both the local population and visitor numbers compared to other national facilities.

The Aquarium's ongoing operations have been improved through a capital refurbishment program. Based on a Minor Works Technical New Policy allocation of \$500 000 from the Federal Government, improvements have been made to safety, security, operating efficiency and visitor service standards.

Consultancies were undertaken for Seaworld Indonesia to develop educational and interpretive programs and for the Commonwealth Employment Service for training an Aboriginal or Torres Strait Islander aquarist.

EXTERNAL SERVICES

OBJECTIVE

The objective of this program is to coordinate the provision of the Authority's expertise on an advisory or consultancy basis, both nationally and overseas, in the areas of environmental management advice and training and technical assistance.

DESCRIPTION

The Authority and its day-to-day management agencies have considerable expertise and experience in the application of regional planning and environmental management techniques. National and international demand for this expertise and knowledge continues to increase as it becomes more widely known that it is available on a consultancy or cost recovery basis.

External Services carries out its functions under sections 7 and 7A of the Great Barrier Reef Marine Park Act.

INTROMARC

The International Tropical Marine Resource Centre (INTROMARC) focuses on the provision of quality education, training, scientific capability and management expertise in tropical marine aspects of ecologically sustainable development. The centre is a cooperative venture between the Authority, the James Cook University of North Queensland and the Australian Institute of Marine Science. Mr Richard Kenchington, the Senior Director of External Services, is the Director of INTROMARC and the program staff provide secretariat and project management support to the consortium.

AMSAT

In the national context, the Authority is a member of the commercial marine and environmental consulting company, Australian Marine Science and Technology Limited (AMSAT), which draws on the expertise of Australian marine agencies, and coordinates the relevant agencies for particular assignments.

RESOURCES

Outlays	\$922 354
Staffing	6 staff years

PERFORMANCE INFORMATION

The specific objectives for 1993-94 were to:

- continue regional planning and environmental management advice and technical assistance nationally and internationally on a cooperative and cost recovery basis, including:
 - Tropical Marine Ecosystem Project;
 - assistance to international projects in Malaysia and Indonesia; and
 - Ocean Rescue 2000 projects (Completion of the draft State of the Marine Environment Report for Australia, continued involvement in the development of a national system of marine protected areas, and continuation of the Education Program);
- continue an evaluation of the capacity of the Authority to carry out external activities as a sole consultant or in association with other organisations and to have developed appropriate strategies to do so;
- finalise and implement a promotion and marketing strategy for the provision of external services;
- establish criteria for project selection;
- refine bidding procedures for projects and consultancies;
- establish procedures for assignment of staff;
- successfully complete current consultancies;
- increase over the 1992-93 level, the number of external activities and consultancies carried; and
- have achieved a situation where future external services activities will be fully self-funded.

PERFORMANCE OUTCOMES

The section achieved full cost recovery in the 1993-94 year. An increased number of external activities and consultancies were carried out on a cost recovery basis. They included:

- in cooperation with the IUCN (World Conservation Union) Commission on National Parks and Protected Areas, preparation of a report for the World Bank identifying priority areas for conservation of global marine biodiversity;
- placement training in marine area management planning for Rangers

representing the Malaysian Department of Fisheries;

- continued administrative support in the development of the Tropical Marine Ecosystem Project on behalf of INTROMARC;
- provision of technical assistance to the Ocean Rescue 2000-National Representative System of Marine Protected Areas, including coordination of ANZECC Marine Biogeographic Regionalisation Workshop; and
- small professional consultancies including:
 - provision of advice to the Climate Impact Assessment and Management Program
 - provision of policy advice to the South Pacific Regional Environment Programme (SPREP) for use in Tonga on collection of aquarium fish and coral
 - conducting a workshop on marine protected areas in Latin America at the IUCN General Assembly held in Buenos Aires, Argentina
 - SPREP Biodiversity Technical Advisory Committee
 - CSIRO Review of Jervis Bay environmental report
 - further advice to the Northern Territory Land Court
 - short courses for the Department of Tropical Environment and Geography, James Cook University of North Queensland
 - revision of marine park management training materials as part of UNEP's East Asian Seas program
 - provision of education and interpretative advice at Kangaroo Island, South Australia

The extension of a staff skills database to represent INTROMARC expertise in addition to continued provision of secretariat services was commenced.

The criteria for project selection were established and are subject to ongoing refinement with both short-term contracts and long-term project work having been pursued.

Bidding procedures for projects and consultancies have been refined by improving the database to comply more closely with international donor agencies and through providing assistance to AMSAT on major bid proposals.

Progress has been made towards the finalisation and implementation of a promotion and marketing strategy and further development will be undertaken in 1994-95. Activities to date include:

- maintaining registrations and flow of material to potential client groups;

- linkages with consortia (AMSAT/INTROMARC);
- linkages with bi- and multi-lateral agencies (i.e. SPREP, UNEP COBSEA, UNESCO, World Bank); and
- linkages with satisfied clients.

C O R P O R A T E S E R V I C E S

OBJECTIVE

The objective of the corporate management and services program is to produce continual development of appropriate infrastructure and simplification of procedures and systems to allow the Authority and its programs to achieve objectives.

DESCRIPTION

The Corporate Services program includes:

- Human Resources Management
- Financial Management
- Accommodation and Facilities
- Office Services
- Records Management
- Secretariat for the Great Barrier Reef Marine Park Authority and the Great Barrier Reef Consultative Committee

RESOURCES

Outlays	\$1 512 328
Staffing	21 staff years

PERFORMANCE INFORMATION

The efficiency of corporate services is assessed in relation to their cost and the extent to which they comply with and meet Authority and external requirements, as measured by:

- the management of staff numbers and salary budget - % variation from budget;
- the management of financial resources - % variation from budget;
- the cost of the support services in relation to the Authority's overall outlays - time/cost for key tasks or services, e.g. payment of accounts, staff recruitment activities; and



- compliance with standards of quality - as reflected by audit findings.

The effectiveness of corporate services is assessed by the extent to which the corporate services infrastructure is adapted to support all programs and central resource management requirements, as measured by:

- the degree of 'client' satisfaction with the standard of each service;
- the timeliness of the implementation of Authority policies and decisions;
- implementation of government policies and directives flowing from government decisions;
- resource usage outcomes;
- the provision of an equitable and participative work environment; and
- the provision of training and development opportunities which enable staff to achieve their full potential and acquire the expertise and flexibility to meet changing requirements.

PERFORMANCE OUTCOMES

Program targets successfully achieved during 1993-94 were:

- implementation of the Financial Management Information System;
- commencement of a feasibility study of the Authority's long-term accommodation requirements;
- review and improvement of the Staff Appraisal Process;
- improvement of induction and orientation procedures;
- implementation of a new structure within the Financial Management section;
- provision of quality advice in regard to Human Resource Management and Financial Management within the Authority;
- completion of a redesign and refit of office accommodation;
- commencement of Agency Bargaining;
- enhancement of SES profile; and
- successful operations of the Authority's board and the Great Barrier Reef Consultative Committee.

CANBERRA OFFICE

OBJECTIVES

To establish and maintain effective liaison, communication and coordination links with the Minister, Parliamentary Committees, the Department of the Environment, Sport and Territories and other Canberra based government and non-government organisations with interests in the Great Barrier Reef; to maintain a capacity to provide credible and high quality policy advice and information about the Great Barrier Reef in particular and marine and coastal conservation and management generally; to provide executive support to the Chairman and a secretariat for the Great Barrier Reef Ministerial Council; to assist other Authority sections to develop and deliver their programs; and to ensure a functioning and adequately resourced office that has efficient communication links with the Townsville office.

DESCRIPTION

The Canberra office is the principal point of contact on Great Barrier Reef matters in Canberra. It provides office and administrative support for the Chairman and the External Services Section and a secretariat for the Great Barrier Reef Ministerial Council.

The office liaises with and prepares submissions to the Minister's Office, portfolio agencies, and other Commonwealth organisations on matters affecting the operation of the Authority including budgetary, financial and legal matters. Office staff represent the Authority, Chairman and the Townsville office and work with staff in the other programs in the development of policy. The office advises the Chairman on policy matters.

The office monitors other government programs and parliamentary activities that may affect Authority programs, undertakes investigations into matters of interest to the Authority, assists other organisations with the development of marine and coastal related policies and programs and provides information to government and non-government organisations, parliamentarians, foreign diplomatic missions and the general public about the Great Barrier Reef Marine Park.

RESOURCES

Outlays	\$258 052
Staffing	5 staff years

PERFORMANCE INFORMATION

Performance is assessed by the following output and outcome indicators:

- the quality and timeliness of advice, assistance, submissions and correspondence to the Minister, Ministerial Council, Chairman, Parliamentary Committees, other organisations, members of the public and other sections of the Authority;
- the extent to which statutory, Ministerial, Marine Park Authority and Ministerial Council requirements are met; and
- the extent to which advice and assistance provided by the office is utilised within the Authority.

PERFORMANCE OUTCOMES

During 1993-94 the Canberra office contributed to many Authority activities including:

Submissions and representation

The office drafted 82 submissions to the Minister - an increase of 28% for the previous 12 months - and coordinated and provided submissions to, or commented on draft papers associated with the Department of Tourism's Ecotourism Strategy, the Shoalwater Bay Inquiry, and the disposal of surplus Commonwealth lightstations by the Australian Maritime Safety Authority. It also facilitated consideration by the Government of a proposal, which was announced in the Budget for 1993-94, to establish at Low Isles an interpretive facility, employ a marine parks ranger and fund the development of a community management program by the Lizard Island Preservation Society. The office also coordinated drafting of about 90 responses to public representations to the Minister.

The office participated in the portfolio task forces on priority issues of water quality and marine and coastal conservation. It also participated with other portfolio representatives in two government initiated cross-portfolio reviews of Environment, Natural Resource Management and Energy Programs, and Cost Recovery in Environment Related Areas.

Great Barrier Reef Ministerial Council

The office began preparations for the 20th meeting of Council, scheduled for July 1994.

Compulsory Pilotage

The office continued to coordinate the assessment and consideration by the

Minister of exemptions for vessels covered by the Compulsory Pilotage system that began in October 1991. Three vessels were exempted: two coastal trading vessels and a light-house tender operated by the Australian Maritime Safety Authority.

Ocean Rescue 2000

The Canberra office continued to assist DEST in the development and management of this national marine conservation and sustainable use program, announced by the Minister in 1991, and continued to provide a coordinating role for the three program components that involve the provision of Authority services by other sections: preparation of the State of the Marine Environment Report, National Marine Education Program and the National Representative System of Marine Protected Areas.

Appointments

The Canberra office had a pivotal liaison and coordination role in the identification of prospective appointees to the Great Barrier Reef Consultative Committee and assisted DEST in the appointment process.

Legislation

The office facilitated the amendments made to the Regulations relating to the Environmental Management Charge.

Study to measure value of the Reef

The office initiated and managed a desktop study by a consultant to measure the financial and economic values of the Great Barrier Reef. The study (Driml, S. *Protection for Profit: Economic and financial values of the Great Barrier Reef World Heritage Area and other protected areas*) confirmed previous estimates that the Great Barrier Reef region is an important economic region and showed that in 1991 dollars, the region generated financial values of \$923 million, most due to tourism and fishing. These financial values are much higher than other well-known protected areas including Kosciusko and Kakadu National Parks.

Overseas representation

On the basis of invitations and significant contributions to costs, an office staff member presented key papers at an international protected areas conference in Canada, and a workshop in the Netherlands sponsored by the International Maritime Organization and the Netherlands Government, on increasing protection for environmentally sensitive areas by reducing the risk of shipping accidents.

New office accommodation

The office relocated to larger premises to provide space for the newly created External Services Section. This increase in space was offset by a reduction in rent paid per square metre. The External Services Section is charged for their accommodation and the provision of administrative services by Canberra office staff.

APPENDIX A

GREAT BARRIER REEF
CONSULTATIVE COMMITTEE

The Great Barrier Reef Consultative Committee was established by the *Great Barrier Reef Marine Park Act 1975* as an independent advisory body for both the Minister and the Authority. Specific functions are defined in section 21 of the Act.

The Consultative Committee represents a wide cross-section of interests in the Great Barrier Reef, from both the public and private sectors, including tourism, fishing, science, conservation, local government and the Aboriginal communities. It consists of members appointed by the Minister for a three-year term and a member of the Authority appointed by the Authority for an indefinite term. The Minister made new appointments effective from 16 August 1993. Professor Graeme Kelleher, who is the Authority's appointee, was a member of the Consultative Committee throughout 1993-94.

Membership as at August 1993

Mr Harry Bonanno	Canegrowers
Alderman Ann Bunnell	Council of the City of Townsville
Mr Mike Burgess	Association of Marine Park Tourism Operators
Ms Sally Driml	Australian National University
Mr Tony Fontes	Dive Tourism Association of Australia
Mr Denis Griffith	QSRFC Inc. (Sunfish)
Mr Eddie Hegerl	Australian Littoral Society and Queensland Conservation Council
Dr Ann Hoggett	Lizard Island Research Station
Mr Adrian Jeffreys	Wildlife Preservation Society of Queensland Inc.
Professor Graeme Kelleher, AM	Great Barrier Reef Marine Park Authority
Mr Ted Loveday	Queensland Commercial Fishermen's Organisation
Mr Greg McLean	Aboriginal and Torres Strait Islander interests

Professor Helene Marsh	James Cook University of North Queensland
Mr David Mazitelli	Commonwealth Department of Tourism
Mr Peter Neville	Queensland Department of Primary Industries
Mr Peter O'Clery	Australian Tourism Industry Association
Mr Dave Perkins	Queensland Department of Environment and Heritage

Business Activities

The Committee is served by the secretariat in the Townsville office of the Authority. During 1993-94, the Consultative Committee met three times as follows:

- 19 November 1993, Townsville
- 18-19 February 1994, Cairns
- 11-12 May 1994, Townsville

Meetings of the Committee are advised by staff of the Authority and of the Queensland Department of Environment and Heritage. During 1993-94, six other persons attended meetings of the Committee to provide professional and expert advice, at no cost to the Committee. These persons were affiliated with the Australian Maritime Safety Authority, the CRC Reef Research Centre, the Department of the Environment, Sport and Territories, the Aboriginal Studies Unit of the James Cook University of North Queensland and Tropical Traders Pty Ltd. At its meeting in May, the Committee joined with the Crown-of-thorns Starfish Research Committee to discuss the program of research into the starfish.

Also, during 1993-94, arrangements were established by which the Committee may advise the Queensland Minister for Environment and Heritage and the CRC Reef Research Centre. Under these arrangements, matters are referred by the Authority in the normal way and the Committee identifies those parts of its advice to the Authority that are to be conveyed unchanged by the Authority to the Queensland Minister and to the Centre.

During the year, the Consultative Committee responded to requests from the Authority for advice on matters including:

- the Strategic Plan for the Great Barrier Reef World Heritage Area
- the recommendations by Mr John Whitehouse in his review of the Authority
- issues for the CRC Reef Research Centre

- transformation of the marine parks permit system
- Aboriginal and Torres Strait Islander interests in the Great Barrier Reef Marine Park
- exclusive use of the Great Barrier Reef Marine Park
- the proposed 'Port Hinchinbrook' development at Cardwell.

Advice to the Commonwealth Minister in part concerned:

- communication between the Committee and users
- the recommendations by Mr John Whitehouse in his review of the Authority, including the issues of senior staffing levels in the Authority and the application of merit review to marine park decision-making
- the management review of the Far Northern Section
- duration of terms of appointments to the Committee and the level of representation of indigenous Australians on the Committee
- implementation of the *Native Title Act 1993*.

In keeping with requirements under section 27A of the Act, those members who have attended meetings of the Committee in 1993-94 have disclosed at a meeting their direct and indirect pecuniary interests and have noted the obligations attached to their declarations.

In 1991, the Queensland Government established a Queensland Marine Parks Consultative Committee, which in effect operated with the Great Barrier Reef Consultative Committee as one body. (Details appear in previous annual reports.) This arrangement has ceased. Whilst it had proved efficient for the Great Barrier Reef, the Queensland Committee has found it was less able to address matters for other parts of the Queensland coastline that were needing close attention.



APPENDIX B

AUTHORITY SENIOR OFFICERS

TOWNSVILLE OFFICE

Dr Wendy Craik (Executive Officer)

Peter McGinnity (Director, Planning and Management)

Dr Zena Dinesen (Director, Environmental Impact Management)

Simon Woodley (Director, Research and Monitoring)

Ian Burston (Director, Education and Information)

Ross Hebblewhite (Director, Administration)

Martin Jones (Director, Aquarium)

CANBERRA OFFICE

Richard Kenchington (Senior Director, External Services)

Peter Ottesen (Director, Canberra office)

APPENDIX C
PUBLICATIONS



WORKSHOP SERIES (ISSN 0156-5842)

1. *Workshop on the Northern Sector of the Great Barrier Reef: Papers and Proceedings of a Workshop held in Townsville, Australia 20 and 21 April, 1978, 1978, GBRMPA, Townsville. ISBN 0 642 91150 9 (Out of print)*
2. *Workshop on Reef Fish Assessment and Monitoring held at Heron Island, 18-28 November, 1978, 1978, GBRMPA, Townsville. (Out of print)*
3. *Workshop on Coral Trout Assessment Techniques held at Heron Island, 21 April-4 May, 1979, 1979, GBRMPA, Townsville. (Out of print)*
4. *Papers and Proceedings of the Workshop 'Tourism and the Great Barrier Reef' held in Mackay 9-11 April, 1979, 1981, GBRMPA, Townsville. ISBN 0 642 52273 1 (Out of print)*
5. *Workshop on Contaminants in Waters of the Great Barrier Reef: Proceedings of a Workshop held at Griffith University, Brisbane, Australia, 26 May 1984, 1985, ed. I. M. Dutton, GBRMPA, Townsville. ISBN 0 642 52401 7 (Out of print)*
6. *Workshop on Response to Hazardous Chemical Spills in the Great Barrier Reef Region: Proceedings of a Workshop held in Townsville, 3 August 1984, 1985, ed. G. J. S. Craik, GBRMPA, Townsville. ISBN 0 642 52409 2 (Out of print)*
7. *The Offshore Effects of Cyclone Winifred: Proceedings of a Workshop held at the Townsville International Hotel Friday, June 20, 1986, 1986, ed. I. M. Dutton, GBRMPA, Townsville. ISBN 0 642 52529 3 (Out of print)*
8. *Traditional Knowledge of the Marine Environment in Northern Australia: Proceedings of a Workshop held in Townsville, Australia, 29 and 30 July 1985, 1988, eds F. Gray & L. Zann, GBRMPA, Townsville. ISBN 0 642 52609 5 (Out of print)*
9. *Fringing Reef Workshop: Science, Industry and Management: Proceedings of a Workshop held at Arcadia Resort, Magnetic Island, Australia, October 23 - 25, 1986, 1987, ed. C. L. Baldwin, GBRMPA, Townsville. ISBN 0 642 52633 8*
10. *Nutrients in the Great Barrier Reef Region: Proceedings of a Workshop held in Townsville, Australia, 26 and 27 November 1987, 1988, ed. C. L. Baldwin, GBRMPA, Townsville. ISBN 0 642 12016 1 (Out of print)*
12. *Workshop on the Role of Scientific Support Co-ordinator (SSC) in Oil Spill Response: Proceedings of National Workshop Mackay, Australia, November 22-25, 1988, 1989, ed. I. M. Dutton, GBRMPA, Townsville. ISBN 0 642 12010 2*

14. *Workshop on the Use of Bioremediation for Oil Spill Response in the Great Barrier Reef Region : Proceedings of a Workshop held in Townsville, Australia, 25 February 1991, 1993*, eds J. Lash & S. Raaymakers, GBRMPA, Townsville. ISBN 0 642 12004 8
16. *Sustainable Development for Traditional Inhabitants of the Torres Strait Region : Proceedings of the Torres Strait Baseline Study Conference, Kewarra Beach, Cairns, Queensland 19-23 November 1990, 1991*, eds D. Lawrence & T. Cansfield-Smith, GBRMPA, Townsville. ISBN 0 642 12028 5 (Out of print)
17. *Workshop on the Impacts of Flooding : Proceedings of a Workshop held in Rockhampton, Australia, 27 September 1991, 1992*, ed. G. T. Byron, QDEH/GBRMPA, Queensland. ISBN 0 642 12044 7 (Out of print)
18. *The Possible Causes and Consequences of Outbreaks of the Crown-of-thorns Starfish : Proceedings of a Workshop held in Townsville, Queensland, Australia, 10 June 1992 at the Sheraton Breakwater Casino Hotel, 1993*, eds U. Engelhardt & B. Lassig, GBRMPA, Townsville. ISBN 0 642 17417 2 (Out of print)
19. *Hulls, Hazards and Hard Questions : Shipping in the Great Barrier Reef : Reducing the Risk of Spilling Oil and Other Hazardous Substances : Proceedings of a Meeting of Experts held in Canberra, Australian Capital Territory 14-15 April 1993, 1994*, ed. P. Ottesen, GBRMPA, Townsville. ISBN 0 642 17427 X
20. *Encounters with Whales '93 : a Conference to Further Explore the Management Issues Relating to Human/Whale Interactions : Proceedings of a Conference held at Lady Elliot Island, Australia, 6-10 September 1993, 1994*, eds D. Postle & M. Simmons, GBRMPA, Townsville. ISBN 0 642 17435 0

TECHNICAL MEMORANDUM SERIES (ISSN 0817-6094)

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- GBRMPA-TM-6. *Age Structure of the Fantome Island Fringing Reef*, 1985, D. P. Johnson, GBRMPA, Townsville. (Out of print)
- GBRMPA-TM-7. *Reef Cover and Zonation Classification System for Use with Remotely Sensed Great Barrier Reef Data*, 1983, 1986, D. Kuchler, GBRMPA, Townsville. ISBN 0 642 52513 7

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GBRMPA-TM-15. *The Natural Recruitment and Recovery Process of Corals at Green Island, July 1987*, 1990, V. J. Harriott & D. A. Fisk, GBRMPA, Townsville.

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GBRMPA-TM-19. *Additions and Revisions to the Checklist of Fishes of the Capricorn-Bunker Group, Great Barrier Reef, Australia*, 1990, G. R. Lowe & B. C. Russell, GBRMPA, Townsville. ISBN 0 642 12033 1

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13. *The Fringing Reefs of Magnetic Island : Benthic Biota and Sedimentation : a Baseline Study*, March 1989, 1992, B. D. Mapstone, J. H. Choat, R. L. Cumming & W. G. Oxley, GBRMPA, Townsville. ISBN 0 642 12047 1 (Out of print)
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15. *Crown-of-thorns and Coral Trout Density on Three Central Section Reefs 1983-1989*, December 1989, 1992, A. M. Ayling & A. L. Ayling, GBRMPA, Townsville. ISBN 0 642 17392 3 (Out of print)
16. *Dissolved and Particulate Nutrients in Waters of the Whitsunday Island Group*, September 1988, 1992, M. Furnas, A. W. Mitchell, J. Wellington & B. Brady, GBRMPA, Townsville. ISBN 0 642 12039 0 (Out of print)
17. *Impact of Dredging on the Volute *Cymbiolacca pulchra* and its Environment at Heron Island, Great Barrier Reef, Australia*, 1990, 1992, C. P. Catterall, I. R. Poiner & J. Kerr, GBRMPA, Townsville. ISBN 0 642 17400 8 (Out of print)
18. *Magnetic Quay Water Quality and Sediment Baseline Study*, March 1989, 1992, J. E. Brodie, B. D. Mapstone & R. L. Mitchell, GBRMPA, Townsville. ISBN 0 642 12005 6 (Out of print)
19. *Norman Reef Environmental Monitoring Project*, April 1989, 1992, A. M. Ayling & A. L. Ayling, GBRMPA, Townsville. ISBN 0 642 12023 4 (Out of print)
20. *Impact of Elevated Nutrients in the Great Barrier Reef*, June 1990, 1992, C. L. Baldwin, GBRMPA, Townsville. ISBN 0 642 17384 2 (Out of print)
21. *Biological Basis for Managing Dugongs and Other Large Vertebrates in the Great Barrier Reef Marine Park*, January 1989, 1992, H. Marsh, GBRMPA, Townsville. ISBN 0 642 17425 3 (Out of print)
23. *Immediate Impact of the January 1991 Floods on the Coral Assemblages of the Keppel Islands*, June 1991, c. 1993, R. van Woesik, GBRMPA, Townsville. ISBN 0 642 17433 4
24. *Broadscale Survey of Impacts of Cyclone Ivor on Coral Reefs*, June 1991, c. 1993, T. J. Done, A. M. Ayling & R. van Woesik, GBRMPA, Townsville. ISBN 0 642 17386 9 (Out of print)
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29. *Torres Strait Baseline Study : Pilot Study Final Report June 1993, 1994*, I. J. Dight & W. Gladstone, GBRMPA, Townsville. ISBN 0 642 17387 7
31. *Aboriginal and Torres Strait Islander Interests in the Great Barrier Reef Marine Park*, 1993, A. Bergin, GBRMPA, Townsville. ISBN 0 642 17395 8

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- The Challenge of Balance : Marine Management Expertise into the 21st Century*, 1992, GBRMPA, Townsville.
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- 'The Crown of Thorns Starfish' 1987, eds L. Zann & E. Eager, *Australian Science Mag*, Issue 3, pp. 15-54.
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- 'Great Barrier Reef Aquarium' 1988, E. Eager & K. Peterson, *Australian Science Mag*, Issue 3, pp. 18-56.
- 'The Great Barrier Reef : Conservation and Management' 1991, *Issues*, no. 14, 60 pp.

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Poetry in Pictures : the Great Barrier Reef, 1985, M. O'Connor & N. Coleman, Hale & Iremonger, Sydney. ISBN 0 868 06207 3

Polyp, 1986, G. Carlin, GBRMPA, Townsville. ISBN 0 724 48717 4

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Reef Feasts, Years 9-12, 1992, Great Barrier Reef Aquarium, Townsville. ISBN 0 642 12030 7

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FREEDOM OF INFORMATION

Documents available for purchase through AGPS bookshops:

Annual Report

Nomination of the Great Barrier Reef by the Commonwealth of Australia for inclusion in the World Heritage List, GBRMPA, 1981

Great Barrier Reef Marine Park Act 1975 and Regulations

Documents available free of charge for single copies from the Authority's Townsville office:

Annual Report
Zoning Plans
Information brochures, bulletins and leaflets
Environmental Management Charge information booklets
Selected maps of the Great Barrier Reef Marine Park
REEF Current Awareness Bulletin
Reef Notes
Reef Research
Media releases and communiques
Corporate Plan

Documents available for bulk-purchase from the Authority's Townsville office:

Posters
Various information brochures, books and audiovisual productions
Research reports and workshop proceedings
Maps of the Great Barrier Reef Marine Park

Small quantities may be purchased through the Great Barrier Reef Aquarium Shop.

Facilities for access:

The Townsville office holds most of the documents relating to the Authority, its Office and the Great Barrier Reef Consultative Committee. It is possible to arrange access to documents, available under provisions of the Freedom of Information Act, through either the Canberra or Townsville office (see addresses below), or at the State FOI Information Access Office. Staff are available to provide assistance in relation to any aspect of FOI requests.

Members of the public may make inquiries on FOI matters and inspect documents to which access has been granted at either office. Business hours, Monday to Friday, are 8.30 a.m. - 4.50 p.m. Formal requests for access to documents must be directed to the office listed in the following section. Information about facilities for access by disabled persons can be obtained by contacting the FOI Officer at the Townsville office.

The following facilities for access are maintained at the Townsville office:

computer printer
microfiche reader
film and slide projectors
video and audio tape recorders
photocopy machine
reading room.

FOI Procedures and Initial Contact Points:

Inquiries may be made in writing, by telephone or in person at the official FOI access points listed below. It is also suggested that inquirers give a telephone number.

Great Barrier Reef Marine Park Authority

2-68 Flinders Street
TOWNSVILLE QLD 4810
Telephone (077) 81 8811; Telex GBRMPA 47332; Fax (077) 72 6093

PO Box 1379
TOWNSVILLE QLD 4810

OR

Great Barrier Reef Marine Park Authority

Acorn House, 37 Torrens Street
BRADDON ACT 2601
Telephone (06) 247 0211; Telex ARRIC 62552; Fax (06) 247 5761

GPO Box 791
CANBERRA ACT 2601

If any difficulty arises in the identification of a document or in providing access in the form requested, an officer of the Authority will contact the applicant with a view to resolving the difficulty.

In consultation with applications, documents will be made available as follows:

- by mail to the address specified by the applicant;
- at the official FOI access point.

The authorised decision-makers under the Act for the Authority and the Consultative Committee, with official addresses for the lodging of requests, are:

The Executive Officer

Great Barrier Reef Marine Park Authority
PO Box 1379
TOWNSVILLE QLD 4810

The Secretary

Great Barrier Reef Consultative Committee
PO Box 1379
TOWNSVILLE QLD 4810

APPENDIX D

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Great Barrier Reef Marine Park Authority

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Woodley, S., Craik, W., Briggs, D. and Raymond K. 1993, 'The strategic planning process for the Great Barrier Reef World Heritage area', *Practising Manager*, 14(1), pp. 24-30.

Copies of these papers are available from the Librarian, Great Barrier Reef Marine Park Authority.



APPENDIX E

MEMBERS OF ADVISORY COMMITTEES

Crown-of-thorns Starfish Research Committee (COTSREC)

Professor G M Mitchell (Chairperson) *CSL Ltd*
Dr M Williams *Director, Australian Institute of Marine Science* [to April 1994]
Dr P J Moran *Australian Institute of Marine Science*
Dr T Ayukai *Australian Institute of Marine Science*
Professor G Kelleher *Chairman, Great Barrier Reef Marine Park Authority*
Dr B R Lassig (Program Coordinator) *Great Barrier Reef Marine Park Authority*
Professor R M Golding *Vice-Chancellor, James Cook University of North Queensland*
Mr R Pearson *Queensland Department of Primary Industries*
Dr K Sainsbury *Commonwealth Scientific and Industrial Research Organisation*
Professor C Crossland *Director, CRC Reef Research Centre* [from May 1994]
Professor D Hopley *James Cook University of North Queensland* [from Nov. 1994]

Advisory Committee on Research into the Effects of Fishing in the Great Barrier Reef Region

Dr W Craik (Chairperson) *Great Barrier Reef Marine Park Authority*
Dr B Pollock *Queensland Department of Primary Industries*
Dr J Glaister *Queensland Department of Primary Industries*
Mr L Gwynne *Queensland Fish Management Authority*
Mr T Loveday *Queensland Commercial Fishermen's Organisation*
Dr B Hill *Commonwealth Scientific and Industrial Research Organisation*
Mr D Perkins *Queensland Department of Environment and Heritage*
Dr P J Moran *Australian Institute of Marine Science*
Mr J Doohan *QSRFC Inc. (Sunfish)*
Mr J Robertson (Acting Program Coordinator) *Great Barrier Reef Marine Park Authority*
Professor C Crossland *CRC Reef Research Centre*

Torres Strait Baseline Study Advisory Committee

Mr S Woodley (Chairperson) *Great Barrier Reef Marine Park Authority*
Dr D Lawrence (Program Coordinator) *Great Barrier Reef Marine Park Authority*
Dr I Dight (Scientific Adviser) *James Cook University of North Queensland*
Mr J Brodie *Great Barrier Reef Marine Park Authority*

Mr G Rayment *Queensland Department of Primary Industries*
Dr I Poiner *Commonwealth Scientific and Industrial Research Organisation*
Dr F Ziolkowski *Department of the Environment, Sport and Territories*
Dr D Staples *Bureau of Resource Sciences*
Mr G Williams *Bureau of Resource Sciences*
Mr T Waia *Island Coordinating Council/Saibai Island Community Council*
Mr C Ross *Porgera Joint Venture*
Mr M Eagle *Ok Tedi Mining*
Dr M Sullivan *North Australia Research Unit*
Mr R Pearson *Queensland Department of Primary Industries*
Dr D Waite *Australian Nuclear Science and Technology Organisation*
Dr R Coles *Australian Fisheries Management Authority*
Mr M Bishop *Australian Fisheries Management Authority*
Dr E Wolanski *Australian Institute of Marine Science*
Dr A Robertson *Australian Institute of Marine Science*
Dr D Connell *Queensland Government Chemical Laboratory*
Mrs L Kesu *Papua New Guinea Department of Environment and Conservation*
Mr M Kennedy *Papua New Guinea Department of Minerals and Energy*

Monitoring Advisory Committee

Dr W Craik (Chairperson) *Great Barrier Reef Marine Park Authority*
Dr J Oliver (Program Coordinator) *Great Barrier Reef Marine Park Authority*
Dr P J Moran *Australian Institute of Marine Science*
Mr L Gwynne *Queensland Fish Management Authority*
Mr G Rayment *Queensland Department of Primary Industries*
Dr B Freeland *Queensland Department of Environment and Heritage*
Professor J H Choat *James Cook University of North Queensland*
Mr M Doohan *Queensland Commercial Fishermen's Organisation*
Mr D Griffith *QSRFC Inc. (Sunfish)*
Mr E Hegerl *Australian Littoral Society*
Mr Graeme Lee *Queensland Department of Tourism, Sport and Racing*
Mr I Ballantyne *Canegrowers*
Mr K Nielson *Association of Marine Park Tourism Operators*

Water Quality Technical Advisory Panel

Dr D W Kinsey (Chairperson)
Dr P Bell *The University of Queensland*
Mr J Brodie (Program Coordinator) *Great Barrier Reef Marine Park Authority*
Dr D W Connell *Queensland Government Chemical Laboratory*
Dr M Furnas *Australian Institute of Marine Science*
Professor J Coll *The University of Central Queensland*
Dr T Done *Australian Institute of Marine Science*

Professor D Hopley *James Cook University of North Queensland*
Dr T Hughes *James Cook University of North Queensland*
Associate Professor A W D Larkum *The University of Sydney*
Mr A Moss *Queensland Department of Environment and Heritage*
Mr G Rayment *Queensland Department of Primary Industries*
Dr D Klumpp *Australian Institute of Marine Science*
Dr K Smettem *Commonwealth Scientific and Industrial Research Organisation*
Associate Professor D Yellowlees *James Cook University of North Queensland*
Mr A Steven *Great Barrier Reef Marine Park Authority*

SOMER Advisory Committee

Dr D W Kinsey (Chair)
Associate Professor P Adam *The University of New South Wales*
Dr J Baker *Australian Institute of Marine Science*
Dr E Bird *The University of Melbourne*
Professor B Boer *The University of Sydney*
Dr D Connell *Queensland Government Chemical Laboratory*
Ms P Eiser *Australian Committee, IUCN*
Dr L Hammond formerly *Victorian Institute of Marine Sciences*
Dr T Hundloe *Industry Commission*
Professor A McComb *Murdoch University*
Professor J Middleton *The University of New South Wales*
Dr R Reichelt *Bureau of Resource Sciences*
Dr G Ross *Australian Nature Conservation Agency*
Professor G Kelleher *Great Barrier Reef Marine Park Authority*
Observers from the Department of the Environment, Sport and Territories
Marine and Coastal Section and the Commonwealth Environment Protection
Agency attend meetings also.

Great Barrier Reef Aquarium Advisory Board

Mr J Lyons (Chairperson) *John A Lyons and Co. Chartered Accountants*
Mrs L Plante *Commercial Studies Centre*
Councillor T Mooney *Mayor of Townsville*
Mr G Jenkinson *TNT-Ansett*
Professor R Jones *James Cook University of North Queensland*
Mr R Power *Townsville Enterprise*
Dr J Baker *Australian Institute of Marine Science*
Professor M Reynolds *Townsville Port Authority*
Mr B Condon *Pure Pleasure Cruises*
Dr W Craik *Great Barrier Reef Marine Park Authority*

APPENDIX F

REPRESENTATION ON
EXTERNAL COMMITTEES

Advisory Committee on Research into the Effects of Fishing on the Great Barrier Reef - Wendy Craik

Australian Committee of the International Union for the Conservation of Nature and Natural Resources (ACIUCN), Marine Subcommittee - Wendy Craik

Australian Institute of Maritime Law Advisory Committee - Wendy Craik

Cairns Port Technical Advisory Committee - Wendy Craik (Chair)/Steve Raaymakers

Commonwealth Inter-departmental Committee (IDC) (Cape York Peninsula Land Use Strategy) - Joan Phillips

Downstream Effects of Agricultural Practices Committee - Jon Brodie

INTROMARC Management Committee - Wendy Craik

JCU/AIMS/GBRMPA Liaison Committee - Wendy Craik

Johnstone River Integrated Catchment Technical Advisory Committee - Jon Brodie

Marine Study for Torres Strait Environment and Resource Strategy (MaSTERS) - Jim Muldoon

Monitoring Advisory Committee (AIMS, GBRMPA) - Wendy Craik (Chair)/Jamie Oliver

National Plan Advisory Committee - Wendy Craik/Steve Raaymakers

National Scientific Working Group on Ballast Water - Steve Raaymakers

Queensland Catchment Management Coordinating Committee - Wendy Craik

Queensland Fisheries Policy Advisory Committee - Wendy Craik

Queensland National Plan Oil Pollution Committee - Wendy Craik/Steve Raaymakers

Raine Island Scientific Advisory Committee - Simon Woodley

Reefmac - Wendy Craik

Scientific Advisory Committee to the Minister for Environment and Heritage - Brian Lassig

Sir George Fisher Centre Advisory Committee - Wendy Craik

Torres Strait Environment Management Committee - various staff members by invitation as part of DEST delegation

Torres Strait Fisheries Scientific Advisory Committee - Simon Woodley

Torres Strait Joint Advisory Committee - various staff members by invitation as part of DEST delegation

Townsville Enterprise - Tourism Advisory Committee - Ian Burston

Townsville Port Technical Advisory Committee - Mike Vanderzee/Jamie Oliver/Steve Raaymakers

User Advisory Group (for CRC Reef Research Centre) - Simon Woodley/Mike Bugler

APPENDIX G

HUMAN RESOURCES

Staffing Overview

Table 4. Staff of the Authority at 30 June 1994

Classification	Permanent			Temporary				All				Total FTE			
	Male F/T	Female P/T	Total	Male F/T	Female P/T	Total	Male F/T	Female P/T	Total	Total					
SES1	1		1						1		1	1			
SES2		1	1						1		1	1			
ASO1	3	5	8		3	8	9	20	3	3	13	9	28	19.2	
ASO2		8	2	10	1	1	2	2	6	1	1	10	4	16	13.4
ASO3	6	8	2	16	2		3	5	8		11	2	21	20.4	
ASO4	2	3		5					2		3		5	5	
ASO5	6	3		9	1			1	7		3		10	10	
ASO6	14	3		17	2			2	16		3		19	19	
SOC	11	1		12					11		1		12	12	
SOB	6	1		7					6		1		7	7	
GSO	6	1		7	4		1	5	10		1	1	12	11.7	
ITO1	1			1					1				1	1	
ITO2		1		1							1		1	1	
SITOB	1			1					1				1	1	
PO1	1			1		1		1	1		1		2	2	
PO2		1		1							1		1	1	
SPOC		2		2							2		2	2	
SPOB	1			1					1				1	1	
Public Affairs Officer	1			1					1				1	1	
Stores Supervisor	1			1					1				1	1	
TO1															
TO2	1	1		2					1		1		2	2	
TO3	1			1					1				1	1	
TO4	1			1					1				1	1	
TOTAL	64	39	4	107	10	4	14	12	40	74	4	53	16	147	134.7

Performance Pay

A report of payments made under the Performance Pay arrangements during 1993-94 is provided in accordance with APS guidelines.

There were 39 staff eligible for Performance Pay during 1993-94, and a total of \$79 917 was paid.

Table 5. Staff by Classification Group

	SOB	SOC
No of Staff	11	22
Performance Pay Paid	\$41 792	\$28 125

Note: Performance Pay for SES not reported separately due to small group size.

Figure 6. Distribution of Payment

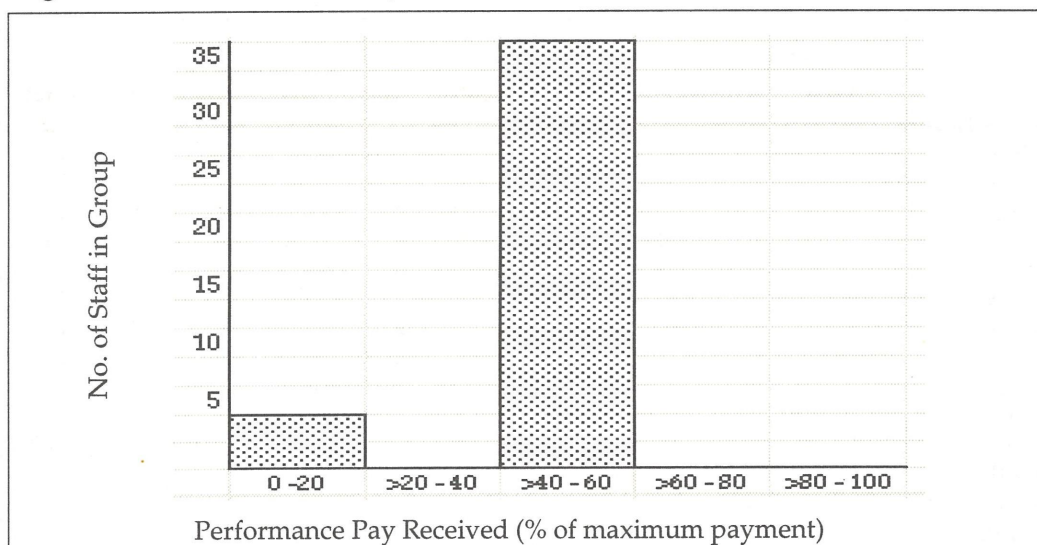


Table 6. Summary of Human Resource Development, participation and expenditure for 1993-94

LEVEL	STAFF	TIME	ADMIN. EXP.	STUDYBANK	TOTAL
	Days	\$	\$	\$	\$
SES & Equivalent	2 17	5874	11657	0	17531
SO A-C & Equivalent	24 140	28375	45645	3586	77606
ASO 5-6 & Equivalent	34 236	38136	46289	32144	116569
ASO 1-4 & Equivalent	75 300	33855	31240	24154	89249
GSO	12 21	2016	2023	1954	5993
TOTAL	147 714	108256	136854	61838	306948

SES	Senior Executive Service	STAFF	Operative staff as at 30 June 1994
SO	Senior Officer	TIME \$	Salary dollars
ASO	Administrative Service Officer	ADMIN. EXP.	Course fees, transport costs, travel allowance and HRD Staff salaries
GSO	General Service Officer	STUDYBANK	\$ Time and HECS reimbursement

Equal Employment Opportunity

The Authority's Chairman and Executive Officer are the senior executives responsible for Equal Employment Opportunity (EEO) and the Human Resources Manager undertakes the role of EEO Coordinator. Major EEO activities undertaken during the year focused on continuing a high level of provision of management training to women and increasing the involvement of Aboriginal and Torres Strait Islander people in the management of the Great Barrier Reef Marine Park.

During 1993-94 the Authority continued to pursue its objective of having target group representation in its staffing reflect the representation of those groups in the population of the Great Barrier Reef Region of the Queensland coast. Representation of EEO Target Groups within the Authority's staffing is generally comparable to that of the APS as a whole and exceeds APS averages in the representation of women in Senior Executive Service positions and Aboriginal and Torres Strait Islander people.

Representation of Aboriginal and Torres Strait Islander people in the Authority's staff increased to 6% of total staff numbers during 1993-94. Further increases in ATSI community involvement in the management of the Great Barrier Reef Marine Park are being pursued via a Marine Park Ranger Training Program and extending joint management arrangements in the Marine Park. During 1993-94 the Great Barrier Reef Aquarium implemented an Aboriginal and Torres Strait Islander Interpretive Guide Program to provide information and education services to Aquarium visitors on traditional use of marine resources and of ATSI culture generally.

EEO data for the Authority's staff is provided in the tables on pages 100 & 101.

Industrial Democracy

The Authority recognises the vast contribution made by staff to all areas of its operations, by providing a participative work environment which enables all staff to contribute to program development and decision making processes, within the framework of the decision making responsibilities and powers of the Authority.

The involvement and commitment of staff to decision making processes:

- allows staff to fully apply their skills and experience; and
- provides all staff with the opportunity to influence decisions which affect the quality of their working lives, enhancing organisational productivity.

Significant Industrial Democracy activities during the year included:

- development of new Industrial Democracy Plan;
- consultations with Public Sector Union for the adoption and implementation of the new Industrial Democracy Plan in 1994-95;

- staff contributions to the development of the Authority's Corporate Plan for the period 1994 to 1999; and
- enhancement of corporate communication through the involvement of Townsville based staff in regular interactive staff meetings.

Occupational Health and Safety

The Authority continues to place a very high priority on providing all staff with a safe and healthy work environment at all times.

Occupational Health and Safety (OH&S) activities during the year focused on the development of safe work practices appropriate to the Authority's operations and on raising awareness amongst all staff of OH&S issues and the importance of adherence to safe work practices.

A Draft OH&S Policy was developed during the year. Consultation is under way with the Public Sector Union for the adoption and implementation of the policy and related procedures during 1994-95.

Table 7. Representation of EEO Groups within Salary Levels as at 30 June 1994

SALARY	TOTAL NO OF STAFF	WOMEN	NESB1	NESB2	ESB	ATSI	PWD	STAFF WITH EEO DATA
Below \$23851 (includes ASO 1)	39	28 72%	2 5%	1 3%	34 92%	7 19%	1 3%	37
\$23852 to \$26967 (includes ASO 2)	24	16 67%	1 4%	2 9%	20 87%	0 0%	1 4%	23
\$26968 to \$29894 (includes ASO 3)	21	11 52%	0 0%	1 5%	20 95%	0 0%	1 5%	21
\$29895 to \$33519 (includes ASO 4)	8	4 50%	2 25%	1 13%	5 63%	1 13%	1 13%	8
\$33520 to \$36511 (includes ASO 5)	14	6 43%	0 0%	3 21%	11 79%	1 7%	0 0%	14
\$36512 to \$42719 (includes ASO 6)	24	6 25%	3 13%	0 0%	21 88%	0 0%	1 4%	24
\$42720 to \$47814 (includes SO Gd C)	16	3 19%	0 0%	0 0%	16 100%	0 0%	1 6%	16
\$47815 to \$56063 (includes SO Gd B)	11	2 18%	0 0%	0 0%	11 100%	0 0%	0 0%	11
Above \$56063 (includes SES)	4	1 25%	0 0%	0 0%	4 100%	0 0%	1 25%	4
TOTAL	161	77 48%	8 5%	8 5%	142 90%	9 6%	7 4%	158

Table 8. Representation of EEO Groups within Occupational Groups as at 30 June 1994

OCCUPATIONAL GROUP	TOTAL NO OF STAFF	WOMEN	NESB1	NESB2	ESB	ATSI	PWD	STAFF WITH EEO DATA
SES	4	1 25%	0 0%	0 0%	4 100%	0 %0%	1 25%	4
ASO & related	131	67 51%	8 6%	6 5%	116 89%	8 6%	5 4%	130
GSO & related	14	3 21%	0 0%	0 0%	12 100%	1 8%	1 8%	12
Professional	7	4 57%	0 0%	1 14%	6 86%	0 0%	0 0%	7
Technical	5	2 40%	0 0%	1 20%	4 80%	0 0%	0 0%	5
TOTAL	161	77 48%	8 5%	8 5%	142 90%	9 6%	7 4%	158

Note: Percentage for women based on total staff; percentages for other groups based on staff with available EEO data

SOURCE: Data retrieved from GBRMPA EEO database

Table 9. Representation of EEO Groups within the Australian Public Service

	TOTAL NO OF STAFF	WOMEN	NESB1	NESB2	ESB	ATSI	PWD
TOTAL	144020	68554 48%	6835 5%	13066 9%	84265 59%	2414 2%	7176 5%

SOURCE: APS Statistical Bulletin 1993

Table 10. Representation of EEO Groups within the Population of the Great Barrier Reef Region

	TOTAL POPULATION	WOMEN	NESB1	NESB2	ESB	ATSI	PWD
TOTAL	861978	423330 49%	43774 5%	118415 14%	699789 81%	41373 5%	84700 10%

SOURCE: Australian Bureau of Statistics from 1986 and 1991 Census data

- NESB1 Non-English Speaking Background, first generation
- NESB2 Non-English Speaking Background, second generation
- ESB English Speaking Background
- ATSI Aboriginal or Torres Strait Islander
- PWD People with a disability

Staff participated in a number of OH&S training activities during the year including:

- Fire Safety and Emergency Procedure Training
- First Aid Training
- SCUBA Training

In December 1993 the Authority made a submission, developed by a multi-section working group, to the joint Worksafe Australia/Standards Australia program for the development of a National Regulatory Model and Code of Practice for Occupational Diving. Safely undertaking field inspections using SCUBA is an important component of the Authority's marine park management program and all developments in this area are of significant interest and importance to the Authority.

During the year the Authority continued to provide its staff with an Employee Assistance Program provided by Employee Assistance Service North Queensland. This important OH&S initiative provides staff and their families with access to counselling and advice on a wide range of issues, both work-related and non work-related, as a contribution to improving the quality of working life for all staff.

Consultancy Services

The Authority generally follows the purchasing policy set out in Commonwealth Procurement Guideline 13, Contracting for Consultancy Services. External consultants are engaged to gain access to specialist technical, professional, research and management expertise in relation to specific tasks, where circumstances require that Authority resources be augmented or that work be carried out independently. It is the Authority's policy to carry out the bulk of its required research using external research organisations rather than develop its own research capability. Research consultants are chosen with the assistance of a formal Consultants' Register.

Details of consultants engaged in 1993-94 are available from the Authority. The total number of consultancies under engagement was 180 at a total cost of \$2 094 600.

Accrual Basis

The Authority's Financial Statements, included at appendix ?, are prepared on an accrual accounting basis. Reasons for variations between cash and accrual based figures include the allocation of corporate service expenses to sections in the Operating Statement, accrual of non-cash expenses / revenue in the Operating Statement, payment to the Commonwealth Consolidated Revenue Fund of receipts collected through the Environmental Management Charge and expenditure on assets being capitalised in the Statement of Financial Position.

Table 11. GBRMPA Financial and Staffing Resources Summary \$('000) and actual staff years

	Actual (1992-93)	Actual (1993-94)
BUDGETARY (CASH) BASIS		
Components of Appropriations		
Section Operations	11 150	13 509
Great Barrier Reef Aquarium	2 058	2 020
Day-to-day management	7 072	6 797
Total Gross Expenditure	20 280	22 326
less Revenue	7 297	8 630
Variation in cash on hand	- 1 225	746
Total Appropriations	11 758	14 442
less Adjustments	0	1 085
Total Outlays	11 758	13 357
STAFFING		
Staff Years	128.5	134.7

Table 12. Summary table of resources: reconciliation of programs and appropriation elements for 1993-94

	\$('000)										
Program	A	+	B	+	C	=	E	-	F	=	G
	Approp		Approp		Special		Total		Adjustments		Program
	Nos 1 & 3		Nos 2 & 4		Approps		Approps	(1)			Outlays
1.	9 118		0		1 085		10 273	1 085			9 188
2.	500		0		0		500	0			500
3.	0		3 669		0		3 669	0			3 669
TOTAL	9 688		3 669		1 085		14 442	1 085			13 357

Notes:

Program 1. Section Operations

Program 2. Great Barrier Reef Aquarium

Program 3. Day-to-day Management

- (1) Revenue collected through the Environmental Management Charge is regarded as an adjustment to derive outlays.



APPENDIX H

ADVERTISING

Agency/organisation	Nature of advertising	Amount
Neville Jeffress	Classified advertising e.g. situations vacant, tender notices, public notices, augmentative research grants notice	\$16 082
Reflections Media and Marketing Pty Limited	Recreational fishing program	\$ 790
Total		\$16 872

Both agencies are agencies for non-campaign print advertising.

APPENDIX I

CONTACT OFFICER FOR
FURTHER INFORMATION

For further information about the Authority contact:

Director

Administration

Great Barrier Reef Marine Park Authority

PO Box 1379

TOWNSVILLE QLD 4810

Telephone (077) 81 8811

Fax (077) 72 6093



APPENDIX J

ABBREVIATIONS

AAT	Administrative Appeals Tribunal
AEM	Australian Estate Management
AIMS	Australian Institute of Marine Science
AMPTO	Association of Marine Park Tourism Operators
AMSA	Australian Maritime Safety Authority
AMSAT	Australian Marine Science and Technology Ltd
ANCA	Australian Nature Conservation Agency
ANZECC	Australian and New Zealand Environment and Conservation Council
APS	Australian Public Service
ATSI	Aboriginal and Torres Strait Islander
ATSIC	Aboriginal and Torres Strait Islander Commission
CNPPA	Commission on National Parks and Protected Areas
COBSEA	Coordinating Body on the Seas of South East Asia
CRC	Cooperative Research Centre for Ecologically Sustainable Development of the Great Barrier Reef
Reef Research Centre	
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DEET	Department of Employment, Education and Training
DEST	Department of the Environment, Sport and Territories
EEO	Equal Employment Opportunity
EMC	Environmental Management Charge
ENCORE	Enrichment of Nutrients of Coral Reef Experiment
FOI	Freedom of Information
GBR	Great Barrier Reef
GBRMP	Great Barrier Reef Marine Park
GBRMPA	Great Barrier Reef Marine Park Authority
GIS	Geographic Information System
INTROMARC	International Tropical Marine Resource Centre
IUCN	World Conservation Union
JCU	James Cook University of North Queensland
MESA	Marine Education Society of Australasia
OH&S	Occupational Health and Safety
OR 2000	Ocean Rescue 2000
QB&FP	Queensland Boating and Fisheries Patrol
QCFO	Queensland Commercial Fishermen's Organisation
QDEH	Queensland Department of Environment and Heritage
QDPI	Queensland Department of Primary Industries
QFMA	Queensland Fish Management Authority

Great Barrier Reef Marine Park Authority

QSRFC	Queensland Sport and Recreational Fishing Council
SES	Senior Executive Service
SOMER	State of the Marine Environment Report
SPREP	South Pacific Regional Environment Programme
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organisation



APPENDIX K

COMPLIANCE INDEX

This annual report has been prepared using the *Requirements for Departmental Annual Reports* issued by the Department of the Prime Minister and Cabinet in March 1994. Also referred to were the *Guidelines for the Content, Preparation and Presentation of Annual Reports by Statutory Authorities* (Senate Hansard, 11 November 1982).

Requirement	Location
Letter of transmission	Preliminary pages
Aids to Access	
Table of Contents	Preliminary pages
Index	137
Contact Details	App. I
Abbreviations	App. J
Corporate Overview	
Enabling Legislation	6, App. A
Objectives	6-7
Corporate Structure	10
Summary of Significant Changes	12
Social Justice and Equity Overview	13
Internal and External Scrutiny Overview	15
Program Performance Reporting	
Activities	16-66
Financial and Staffing Resources	App. G
Program/Appropriation reconciliation	App. G
Human Resources	
Staffing Overview	App. G
Performance Pay	App. G
Staff Training	App. G
Equal Employment Opportunity	App. G
Industrial Democracy	App. G
Occupational Health and Safety	App. G
Other Resources	
Consultancy Services	App. G
Advertising and Market Research	App. H
Financial Statements	App. L

Great Barrier Reef Marine Park Authority

External Scrutiny

Report by the Auditor-General	App. M
Inquiries by Parliamentary Committees	nil
Comments by the Ombudsman	nil
Decisions of Courts and Administrative Tribunals	34
Reports tabled 1993-94	15
Freedom of Information	App. C



APPENDIX L

FINANCIAL STATEMENTS

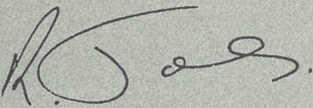
GREAT BARRIER REEF MARINE PARK AUTHORITY

Financial Statements for the Year Ended 30 June 1994

In our opinion, the accompanying Operating Statement, Statement of Financial Position and Statement of Cash Flows, have been prepared in accordance with the 'Guidelines for Financial Statements of Public Authorities and Commercial Activities' approved by the Minister for Finance, applicable accounting concepts and standards and show fairly

- (a) the operating result of the Authority for the financial year ended 30 June 1994,
- (b) the financial position of the Authority as at 30 June 1994, and
- (c) the Authority's cash flows during the financial year ended 30 June 1994.

Signed in accordance with a resolution of the Authority.



RHONDDA JONES
Member
6/10/94



GRAEME KELLEHER
Chairman
6/10/94

Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY
OPERATING STATEMENT FOR THE YEAR ENDED 30 June 1994

	Notes	1994 \$	1993 \$
COST OF SERVICES			
Operating expenses			
Research and Monitoring		4,128,098	3,978,832
Planning and Management		1,903,872	1,540,768
Education/Information		1,652,603	1,367,565
Great Barrier Reef Aquarium	4(c)	1,758,079	1,841,066
Environmental Impact			
Management		1,649,382	1,129,576
External Advisory Services		899,761	789,095
Corporate Management and Services	5	2,055,746	2,199,462
Unfunded charges	4(d), 6	882,033	824,556
Superannuation contributions	1(i)	580,414	515,723
Payments to Queensland for day-to-day management	2	<u>6,797,000</u>	<u>7,071,501</u>
Total operating expenses	7, 8	<u>22,306,988</u>	<u>21,258,144</u>
Operating revenues from independent sources			
Payments from Queensland for day-to-day management	2(a),(c)	3,058,000	3,058,000
Great Barrier Reef Aquarium	4(a)	1,466,965	1,573,704
Miscellaneous Revenue	3(b)	<u>2,572,155</u>	<u>2,897,792</u>
Total operating revenues from independent sources		<u>7,097,120</u>	<u>7,529,496</u>
Net cost of services		<u>15,209,868</u>	<u>13,728,648</u>
REVENUE FROM GOVERNMENT			
Parliamentary appropriations from the Commonwealth	3(a)	14,885,297	11,758,000
Liabilities assumed by government	1(i)	<u>580,414</u>	<u>515,723</u>
Total revenue from government		<u>15,465,711</u>	<u>12,273,723</u>
Operating result		<u>255,843</u>	<u>(1,454,925)</u>
Accumulated operating results at beginning of financial year		<u>(2,397,205)</u>	<u>(942,280)</u>
Accumulated operating results at end of financial year		<u>(2,141,362)</u>	<u>(2,397,205)</u>

The accompanying notes form an integral part of these financial statements.

GREAT BARRIER REEF MARINE PARK AUTHORITY
 STATEMENT OF FINANCIAL POSITION
 AS AT 30 June 1994

	Notes	1994 \$	1993 \$
CURRENT ASSETS			
Cash	9	3,532,303	2,778,956
Receivables	10	440,768	327,266
Inventories	1(f)	91,976	122,049
Other		<u>51,817</u>	<u>40,142</u>
Total current assets		<u>4,116,864</u>	<u>3,268,413</u>
NON-CURRENT ASSETS			
Property, plant and equipment	13	<u>7,459,057</u>	<u>7,791,378</u>
Total non-current assets		<u>7,459,057</u>	<u>7,791,378</u>
Total assets		<u>11,575,921</u>	<u>11,059,791</u>
CURRENT LIABILITIES			
Creditors	12(a)	924,260	663,961
Provisions	11	872,650	747,066
Other	12(b)	<u>301,537</u>	<u>274,425</u>
Total current liabilities		<u>2,098,447</u>	<u>1,685,452</u>
NON-CURRENT LIABILITIES			
Provisions	11	786,861	780,520
Other	12(b)	<u>1,351,944</u>	<u>1,510,993</u>
Total non-current liabilities		<u>2,138,805</u>	<u>2,291,513</u>
Total liabilities		<u>4,237,252</u>	<u>3,976,965</u>
Net assets		<u>7,338,669</u>	<u>7,082,826</u>
EQUITY			
Capital		1,103,988	1,103,988
Reserves		8,376,043	8,376,043
Accumulated deficits		<u>(2,141,362)</u>	<u>(2,397,205)</u>
Total equity		<u>7,338,669</u>	<u>7,082,826</u>

The accompanying notes form an integral part of these financial statements.

Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY
STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 30 June 1994

	Notes	1994 \$	1993 \$
CASH FLOWS FROM OPERATING ACTIVITIES			
Inflows:			
Industry / DEST funded projects		1,480,590	1,242,618
Permit assessment fees		216,930	137,710
Interest		166,584	256,823
Aquarium admission fees		1,095,251	1,170,999
Payments from Queensland for day-to-day management		3,058,000	3,058,000
Environmental Management Charge		1,218,359	-
Other		1,382,598	1,440,294
Outflows:			
Salaries		(5,826,981)	(5,254,403)
Suppliers		(8,136,834)	(7,518,427)
Payments to Consolidated Revenue Fund		(1,100,000)	-
Payments to Queensland for day-to-day management		<u>(6,797,000)</u>	<u>(7,071,501)</u>
Net cash used by operating activities	22(b)	<u>(13,242,503)</u>	<u>(12,537,887)</u>
CASH FLOWS FROM INVESTING ACTIVITIES			
Inflows:			
Proceeds from sale of plant & equipment		14,236	21,139
Outflows:			
Payments for purchase of plant & equipment		<u>(460,656)</u>	<u>(399,562)</u>
Net cash used in investing activities		<u>(446,420)</u>	<u>(378,423)</u>
CASH FLOWS FROM GOVERNMENT			
Inflows:			
Appropriation		13,357,000	11,758,000
Special Appropriation		<u>1,085,270</u>	-
Net cash provided by government		<u>14,442,270</u>	<u>11,758,000</u>
Net increase / (decrease) in cash held		753,347	(1,158,310)
Cash at beginning of reporting period		<u>2,778,956</u>	<u>3,937,266</u>
Cash at end of reporting period	9	<u>3,532,303</u>	<u>2,778,956</u>

The accompanying notes form an integral part of these financial statements.

GREAT BARRIER REEF MARINE PARK AUTHORITY
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
for the year ended 30 June 1994

1. ACCOUNTING POLICIES

The following accounting policies have been adopted in the preparation of the accounts.

(a) Accounts Format

The accounts of the Authority have been prepared in accordance with:

- the 'Guidelines for Financial Statements of Public Authorities and Commercial Activities', issued by the Minister for Finance in January 1994; and
- applicable accounting concepts and standards.

(b) Historical Cost Convention

These accounts have been prepared on the basis of the historical cost convention and except where stated do not show the current cost of specific assets and the impact of such costs on operating results.

(c) Non-current Assets

Capitalisation occurs on all items which cost more than \$1,500. Non-current assets are depreciated by the straight line method over their estimated useful lives.

Great Barrier Reef Aquarium

The Great Barrier Reef Aquarium building was funded as a Commonwealth-State Bicentennial project, through the Great Barrier Reef Wonderland Association Incorporated. The Aquarium is sub-leased by the Authority from the Association for a period of 75 years. Under the terms of the sub-lease agreement the Authority is responsible for the replacement of the Aquarium building as necessary and for all expenses and revenue in relation to its operation. Consequently, the value of the Aquarium building has been taken up as an asset in the Authority's accounts and is being amortised over 25 years, which is the estimated useful life of the building. The base stock of audio visual displays at the Great Barrier Reef Aquarium and the base stock of marine life, sand, coral and water in the Aquarium have been included under non-current assets as a non-depreciable item. Stock replacement costs are treated as operating expenses.

GREAT BARRIER REEF MARINE PARK AUTHORITY
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
for the year ended 30 June 1994

(d) Advances to Consultants

Under the terms of certain contracts with consultants, payments are made in advance. Expenditure on assets which, under the terms of the contract, become the property of the Authority from the date of acquisition is fully expensed in the year of payment. On completion of the contract, such assets are capitalised by the Authority at that time, at their written down value and depreciated over their remaining useful life.

(e) Day-to-day Management Advances

Except for expenditure on fixtures upon land owned by or under the direct control of the Commonwealth or the Authority, advances to the Queensland Department of Environment and Heritage for day-to-day management are fully expensed in the year of payment (refer to Note 2 for details of the day-to-day management item).

(f) Stock on Hand

Goods for resale have been valued at the lower of cost and net realizable value. Cost is determined as the latest purchase price plus inwards transport costs.

(g) Provision for Long Service Leave

Provision has been made for pro-rata entitlements of all staff who have at least five years eligible service at balance date. The current liability represents the estimated value of long service leave that is proposed to be taken by staff during the succeeding year.

(h) Superannuation

Staff of the Authority are employed under the Public Service Act and prior to 1988-89 there had been no obligation in respect of employer contributions to the Commonwealth Superannuation Scheme. However, as the Authority is required to manage the Great Barrier Reef Aquarium on a cost recovery basis, employer superannuation contributions for Aquarium employees became payable from 1 July 1988.

(i) Superannuation Liabilities Assumed by Government

Employer superannuation contributions (other than the productivity component) are not paid by the Authority but are funded by the Commonwealth when required. The notional value of employer contributions for the year is shown as an operating expense in the Operating Statement and an equal amount is recorded as 'Liabilities assumed by government' (Revenue) in the Operating Statement.

GREAT BARRIER REEF MARINE PARK AUTHORITY
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
for the year ended 30 June 1994

**2. DAY-TO-DAY MANAGEMENT OF THE GREAT BARRIER REEF
MARINE PARK**

(a) Principles agreed between the Commonwealth and Queensland Governments relating to the day-to-day management of the Great Barrier Reef Marine Park provide for:

- . the Queensland Department of Environment and Heritage (QDEH) to carry out the day-to-day management of the Great Barrier Reef Marine Park, subject to the Authority in accordance with inter-governmental agreements
- . the Commonwealth to fund 100% of an initial capital works program (in the first three years or so) required to establish management of the Great Barrier Reef Marine Park on a sound basis; other capital costs (i.e. the post-initial program) of day-to-day management of the Great Barrier Reef Marine Park to be shared equally between the two Governments
- . the Commonwealth and Queensland to meet in equal shares the recurrent costs for day-to-day management in relation to the Great Barrier Reef Marine Park (which may include Queensland national parks or Queensland marine parks, the use or management of which would or might affect the Great Barrier Reef Marine Park)
- . moveable property funded pursuant to the arrangements to be used and administered by Queensland; proceeds from the sale of any such moveable property are paid into the day-to-day management account to offset Commonwealth/Queensland contributions on a 50:50 basis
- . fixed assets funded pursuant to the arrangements to be used by Queensland and administered by the Government (or the Authority) which owns or controls the land on which the fixture is located
- . expenditure on day-to-day management to be in accordance with an annually agreed program, and
- . the Authority to administer funds provided by the Commonwealth and Queensland for these purposes.

Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

(b) The Commonwealth appropriation for day-to-day management was made up of:

	1994	1993
	\$	\$
(i) Recurrent and Post-Initial Capital Programs	3,058,000	3,058,000
(ii) Initial Capital Works	<u>611,000</u>	<u>551,000</u>
	<u>3,669,000</u>	<u>3,609,000</u>

(c) The total Queensland contribution to day-to-day management was \$3,058,000 in 1993-94 compared with \$3,058,000 in 1992-93.

(d) Financial statements for day-to-day management which have been prepared by QDEH and audited by the Queensland Auditor-General are at Note 26.

3. REVENUE

(a) The operations of the Authority are dependent upon the appropriation of moneys by the Commonwealth Parliament. Commonwealth parliamentary appropriations comprised the following:

	1994	1993
	\$	\$
Operational	9,188,000	7,921,000
Special Appropriation	1,528,297	-
Great Barrier Reef Aquarium	500,000	228,000
Commonwealth contribution to day-to-day management refer note 2(b)	<u>3,669,000</u>	<u>3,609,000</u>
	<u>14,885,297</u>	<u>11,758,000</u>

Special Appropriation: On 30 July 1993 the Great Barrier Reef Marine Park Authority introduced an Environmental Management Charge with the objective of recovering part of the increasing management, research and education costs associated with a marked increase in use of the Marine Park. Amounts collected by the Authority, as agent for the Commonwealth, are paid into Consolidated Revenue and then paid back to the Authority via Special Appropriation. The amount shown above represents actual amounts received via Special Appropriation plus an accrual for amounts applicable to the financial year ended 30 June 1994 but received after that date and due to be paid to the Authority as Special Appropriation.

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

Obligations to the Department of Finance in relation to employer superannuation contributions for the Great Barrier Reef Aquarium and the repayment of establishment costs are initially met by an offset from Authority appropriations. The payment due to the Authority from the Aquarium in 1992-93 (refer Note 16) and recovery of 1992-93 GBR Aquarium superannuation contributions were satisfied by an amount of \$228,000 received by the Great Barrier Reef Aquarium in appropriation. The Department of Finance agreed to defer the repayment due in the 1993-94 financial year.

Refer to Notes 2(a) and 2(b) for additional detail on Commonwealth contribution to day-to-day management.

(b) Miscellaneous revenue comprised the following:

	1994	1993
	\$	\$
Implementation of DEST funded programs	1,149,700	601,500
United Nations Environment Program funds	15,456	71,386
Monies for industry funded monitoring and baseline studies	255,187	753,068
Sale of Authority education and information materials	83,900	63,433
Interest	166,883	210,668
Permit assessment fees	216,930	137,710
Payments from QDEH: refer note 2(a)		
for - sale of moveables	148,544	373,005
- other receipts	30,415	-
Revenue from other miscellaneous sources	<u>505,140</u>	<u>687,022</u>
	<u>2,572,155</u>	<u>2,897,792</u>

4. AQUARIUM REVENUE AND EXPENSES

(a) Revenue of the Aquarium comprised the following:

	1994	1993
	\$	\$
Admission fees	1,079,488	1,175,801
Donations and sponsorships	16,475	83,630
Membership program	42,310	39,625
Interest	2,479	13,222
Funding for traditional use display	12,500	37,500
Consultancy contracts	160,734	39,216
Other revenue	<u>36,040</u>	<u>38,610</u>
	<u>1,350,026</u>	<u>1,427,604</u>

Aquarium revenue shown above excludes appropriation of \$500,000 (1992-93, \$228,000), shown at Note 3(a).

Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

Shop Sales	306,008	329,515
Less: Cost of goods sold refer note 4(b)	<u>189,069</u>	<u>183,415</u>
Gross profit from shop trading	<u>116,939</u>	<u>146,100</u>
 Total Aquarium Revenue	 <u>1,466,965</u>	 <u>1,573,704</u>

(b) This item represents the cost of goods sold through the Great Barrier Reef Aquarium Shop as follows:

	1994	1993
	\$	\$
Opening Stock	122,049	103,612
Purchases	158,996	201,852
Less: Closing Stock	<u>91,976</u>	<u>122,049</u>
	<u>189,069</u>	<u>183,415</u>

(c) Expenses of the Aquarium comprised the following:

	1994	1993
	\$	\$
Curatorial Operations	594,100	591,690
Interpretative Facilities	392,939	339,735
Marketing/Promotions	132,482	152,152
Shop Management & Services	87,063	75,455
Repairs and Maintenance	32,025	31,513
Corporate Services		
-property services	293,855	323,283
-general services and administration	109,187	205,059
Interest	112,920	115,943
Bad debts written off	73	467
Loss on sale of non-current assets	<u>3,435</u>	<u>5,769</u>
Total Operating Expenses	<u>1,758,079</u>	<u>1,841,066</u>

(d) Unfunded charges of the Aquarium comprised the following:

	1994	1993
	\$	\$
Depreciation of property, plant & equipment refer note 1(c)	412,312	411,074
Staff provisions	<u>(11,899)</u>	<u>14,398</u>
Total unfunded charges	<u>400,413</u>	<u>425,472</u>
Total Aquarium Expenses	<u>2,158,492</u>	<u>2,266,538</u>
Result from Aquarium operations - excluding appropriation revenue of \$500,000 (1992-93, \$228,000), shown at Note 3(a)	<u>(691,527)</u>	<u>(692,834)</u>

This result excludes reimbursement of the 1993-94 GBR Aquarium superannuation contributions estimated at \$62,100 (1992-93, \$81,500).

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

5. CORPORATE MANAGEMENT AND SERVICES

Corporate management and services comprised the following:

	1994	1993
	\$	\$
Expenses of the Authority	215,092	174,148
Expenses of the Great Barrier Reef Consultative Committee	43,344	842
Executive and Secretariat	681,661	898,681
Canberra office	324,113	334,095
Administration	<u>791,536</u>	<u>791,696</u>
	<u>2,055,746</u>	<u>2,199,462</u>

The item 'Expenses of the Great Barrier Reef Consultative Committee' includes sitting fees paid to part-time members in accordance with the Remuneration Tribunal Determination. In 1993-94 payments totalled \$10,371 (1992-93, Nil).

The item 'Administration' includes the following:

	1994	1993
	\$	\$
Bad debts written off	4,868	2,071
Net loss on disposal of non-current assets	19,259	37,387
Auditor's remuneration - auditing the accounts of the Authority (no other services were provided)	<u>48,000</u>	<u>48,000</u>
	<u>72,127</u>	<u>87,458</u>

6. UNFUNDED CHARGES

The aggregate amount of unfunded charges of the Authority comprised the following:

	1994	1993
	\$	\$
Depreciation of property, plant and equipment	750,106	704,663
Long service leave	106,138	43,600
Annual leave	20,019	71,700
Leave fares	<u>5,770</u>	<u>4,593</u>
	<u>882,033</u>	<u>824,556</u>

Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
for the year ended 30 June 1994

7. TOTAL OPERATING EXPENSES - FINANCE LEASES

Included in total operating expenses are the following charges relating to property, plant and equipment purchased under finance leases:

	1994	1993
	\$	\$
Amortisation	11,132	11,132
Finance charges	<u>3,704</u>	<u>4,569</u>
	<u>14,836</u>	<u>15,701</u>

8. TOTAL OPERATING EXPENSES - SALARIES AND WAGES COSTS

Included in total operating expenses are the following salaries and wages costs:

	1994	1993
	\$	\$
Great Barrier Reef Aquarium		
-Operations	869,335	897,913
-Aquarium Shop	55,583	65,800
Other Authority Operations	<u>4,726,906</u>	<u>4,316,822</u>
	<u>5,651,824</u>	<u>5,280,535</u>

9. CASH

Cash held at 30 June comprised the following:

	30 June 1994	30 June 1993
	\$	\$
Authority Operations Account	2,013,735	1,648,047
Great Barrier Reef Aquarium Account	221,747	84,358
Day-to-day Management Account	1,285,404	1,035,414
Cash on hand	<u>11,417</u>	<u>11,137</u>
	<u>3,532,303</u>	<u>2,778,956</u>

10. RECEIVABLES

Receivables at 30 June were:

	30 June 1994	30 June 1993
	\$	\$
Trade Debtors	116,100	198,766
Amounts receivable from the Commonwealth	<u>324,668</u>	<u>128,500</u>
Total Receivables	440,768	327,266
Less: Provision for doubtful debts	-	-
	<u>440,768</u>	<u>327,266</u>

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

11. PROVISIONS

Additional detail relating to provisions is as follows:

	30 June 1994	30 June 1993
Current liabilities	\$	\$
Provision for long service leave - refer note 1(g)	121,661	21,865
Provision for annual leave	682,057	662,039
Provision for leave fares	<u>68,932</u>	<u>63,162</u>
	<u>872,650</u>	<u>747,066</u>
Non-current liabilities		
Provision for long service leave - refer note 1(g)	<u>786,861</u>	<u>780,520</u>
	<u>786,861</u>	<u>780,520</u>

12. CURRENT AND NON-CURRENT LIABILITIES : CREDITORS and OTHER

(a) Creditors at 30 June were:

	30 June 1994	30 June 1993
Current liabilities	\$	\$
Trade Creditors	913,752	562,070
Other Creditors	<u>10,508</u>	<u>101,891</u>
	<u>924,260</u>	<u>663,961</u>

(b) Included in the items "Other" at 30 June are the following amounts:

	30 June 1994	30 June 1993
Current liabilities	\$	\$
Advances from Dept of Finance and accrued interest refer note 16	231,433	-
Finance leases	15,285	7,780
Other current liabilities	<u>54,819</u>	<u>266,645</u>
	<u>301,537</u>	<u>274,425</u>
Non-current liabilities		
Advances from Dept of Finance and accrued interest refer note 16	1,351,944	1,470,458
Finance leases	-	15,285
Other non-current liabilities	-	<u>25,250</u>
	<u>1,351,944</u>	<u>1,510,993</u>

Lease commitments as at 30 June 1994 are due as follows:

	30 June 1994	30 June 1993
Payable:	\$	\$
Within one year	17,480	11,484
In the second year	-	17,480
Within a three to five year period	-	-
Minimum lease payments	17,480	28,964
Less: future finance charges	<u>2,195</u>	<u>5,899</u>
Lease liability	<u>15,285</u>	<u>23,065</u>

Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

13. PROPERTY, PLANT AND EQUIPMENT

(a) Authority fixed assets As at 30 June:	Cost		Accumulated Depreciation		Written Down Value	
	30 June 1994	30 June 1993	30 June 1994	30 June 1993	30 June 1994	30 June 1993
	\$	\$	\$	\$	\$	\$
Furniture, fittings & displays	261,316	260,876	114,745	97,189	146,571	163,687
Office machines	182,230	165,975	146,520	128,017	35,710	37,958
Audiovisual & photographic	411,008	351,652	83,646	72,243	327,362	279,409
Marine & diving	32,546	36,242	22,322	22,379	10,224	13,863
Computer hardware	1,353,067	1,213,350	892,844	665,160	460,223	548,190
Computer software	196,858	234,360	69,241	79,928	127,617	154,432
Scientific & technical	120,844	119,269	75,636	58,096	45,208	61,173
Vehicles & mobile plant	44,027	60,189	25,018	28,334	19,009	31,855
Other plant & equipment	554,221	533,930	208,700	180,194	345,521	353,736
Aquarium contents	346,093	346,093	-	-	346,093	346,093
Works in progress	15,134	-	-	-	15,134	-
Improvements to leasehold property						
- Fixtures & fittings	401,833	321,485	88,376	72,022	313,457	249,463
- Aquarium building	<u>7,747,367</u>	<u>7,681,881</u>	<u>2,480,439</u>	<u>2,130,362</u>	<u>5,266,928</u>	<u>5,551,519</u>
Total	<u>11,666,544</u>	<u>11,325,302</u>	<u>4,207,487</u>	<u>3,533,924</u>	<u>7,459,057</u>	<u>7,791,378</u>

These assets are grouped into the following classes:

Land and buildings	3,171,251	2,975,843	1,638,672	1,331,540	1,532,579	1,644,303
Plant and equipment	<u>8,495,293</u>	<u>8,349,459</u>	<u>2,568,815</u>	<u>2,202,384</u>	<u>5,926,478</u>	<u>6,147,075</u>
Total	<u>11,666,544</u>	<u>11,325,302</u>	<u>4,207,487</u>	<u>3,533,924</u>	<u>7,459,057</u>	<u>7,791,378</u>

(b) Included above are the following amounts initially capitalised as assets purchased under finance leases, and accumulated amortisation.

As at 30 June:	30 June 1994	30 June 1993
	\$	\$
Office machines	33,396	33,396
Amortisation	<u>22,264</u>	<u>11,132</u>
Written down value	<u>11,132</u>	<u>22,264</u>

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

14. AGREEMENTS EQUALLY PROPORTIONATELY UNPERFORMED

At the end of the financial year the particulars of research contracts and other contracts not brought to account were as follows:

	30 June 1994	30 June 1993
Payable:	\$	\$
Within one year	506,683	632,523
In the second year	25,954	46,212
Within a three to five year period	<u>6,000</u>	<u>5,000</u>
	<u>538,637</u>	<u>683,735</u>

15. MATERIAL COMMITMENTS

At the end of the financial year the particulars of material commitments, including commitments for capital expenditure, not brought to account were as follows:

	30 June 1994	30 June 1993
Payable:	\$	\$
Within one year	150,690	125,224
In the second year	-	-
Within a three to five year period	<u>-</u>	<u>-</u>
	<u>150,690</u>	<u>125,224</u>

16. REPAYMENT OF ADVANCES FROM DEPARTMENT OF FINANCE

The Department of Finance has determined that funds appropriated for the purposes of the Great Barrier Reef (GBR) Aquarium are repayable advances.

The GBR Aquarium has received two such advances:

- . \$450,000 in 1986-87 for establishment costs; and
- . \$1,000,000 in 1989-90.

The advances are being repaid in the form of instalments deducted from Authority appropriation and made up from GBR Aquarium revenue. Interest on the outstanding principal is charged at the long term bond rate and has been capitalised.

Scheduled repayments in respect of the establishment costs advance were made in 1988-89 and in 1989-90. Repayments for the remaining balance of the establishment costs advance together with the other advance in 1989-90 were consolidated and scheduled to be repaid over a period of ten years. The repayment to the Department of Finance due in the 1992-93 financial year was satisfied by a reduction of Authority appropriation. The Department of Finance agreed to defer the repayment due in the 1993-94 financial year and the term of repayment was extended.

Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS for the year ended 30 June 1994

17. OPERATING LEASES

- (a) The aggregate amount of operating leases contracted for and outstanding as at 30 June 1994 is \$1,785,928. These leases are for office accommodation and the discharge will be:

	30 June 1994	30 June 1993
	\$	\$
Within one year	595,674	595,084
In the second year	595,534	595,674
Within a three to five year period	594,720	1,190,254
Later than five years	<u>-</u>	<u>-</u>
	<u>1,785,928</u>	<u>2,381,012</u>

- (b) The Authority sub-leases the Great Barrier Reef Aquarium building from the Great Barrier Reef Wonderland Association Incorporated for a nominal amount payable if demanded.

18 TRUST MONEY

GREAT BARRIER REEF MARINE PARK AUTHORITY TRUST MONEYS

Statement of Receipts and Payments for the year ended 30 June 1994

	1994
	\$
Cash at bank 1 July 1993	523,769
RECEIPTS	
Cash Bonds in lieu of bank guarantees	101,502
Proceeds from bank guarantees	-
Interest	<u>11,620</u>
TOTAL	<u>636,891</u>
PAYMENTS	
Payment under bank guarantee	98,000
Return of Cash Bonds and accrued interest	393,045
Bank charges	<u>-</u>
Cash at bank 30 June 1994	<u>145,846</u>
TOTAL	<u>636,891</u>

19. INSURANCE

The Authority has a policy of self-insurance for its general operations but has commercial insurance cover for the operation of the Great Barrier Reef Aquarium.

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

20. CONTINGENT LIABILITIES

The Authority is unaware of any contingent liabilities.

21. COOPERATIVE RESEARCH CENTRE FOR THE ECOLOGICALLY SUSTAINABLE DEVELOPMENT OF THE GREAT BARRIER REEF

The Cooperative Research Centre (CRC) for the Ecologically Sustainable Development of the Great Barrier Reef was established to work with industry and environmental managers in addressing strategic and tactical issues so that opportunities for use of the Great Barrier Reef Region may be maximised, consistent with ecologically sustainable development. On the basis of actual contributions for the year ended 30 June 1994, the Authority's interest in the CRC is 21.55%.

As at 30 June 1994, the Authority's commitment to the CRC over the next six years, in both cash contributions and 'in kind' contributions was:

	\$
Within one year	915,000
In the second year	915,000
Within a three to five year period	2,745,000
Later than five years	<u>915,000</u>
	<u>5,490,000</u>

22. NOTES TO THE STATEMENT OF CASH FLOWS

(a) Reconciliation of cash

For the purposes of the statement of cash flows, the Authority considers cash to include cash on hand and in banks. Cash at the end of the reporting period as shown in the statement of cash flows has been reconciled to the related items in the statement of financial position and is shown at note 9.

(b) Reconciliation of Net cash used by operating activities to Operating result.

	1994	1993
	\$	\$
Operating result	255,843	(1,454,925)
Appropriation	(14,442,270)	(11,758,000)
Depreciation	750,106	704,663
Bad debts	4,941	2,538
Loss on disposal of non-current assets	22,694	43,156
Increase in Receivables	(113,502)	(171,069)
(Increase)/Decrease in Inventories	30,073	(18,437)
(Increase)/Decrease in Other Assets	(11,675)	521
Increase in Creditors	260,299	102,337
Increase in Provisions	132,925	119,893
(Decrease) in Other Liabilities	<u>(131,937)</u>	<u>(108,564)</u>
Net cash used by operating activities	<u>(13,242,503)</u>	<u>(12,537,887)</u>

GREAT BARRIER REEF MARINE PARK AUTHORITY
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
for the year ended 30 June 1994

(c) Non-cash Financing and Investing activities

During the reporting period, no fixed assets or other equipment were acquired by means of finance leases (1992-93, \$108,915).

23. RELATED PARTIES

(a) Authority Members

The members of the Great Barrier Reef Marine Park Authority during the financial year were:

Professor Graeme Kelleher, AM, (full-time Chairman and chief executive);
Dr Craig Emerson, (part-time member);
Professor Rhondda Jones, (part-time member).

(b) Acting Member and Chairman Appointments

During periods of absence by the Chairman, the Minister appointed the Authority's Executive Officer, Dr Wendy Craik, to act as a Member and Chairman from 13 August 1993 to 20 August 1993, 11 September 1993 to 5 October 1993 and from 23 May 1994 to 10 June 1994.

During a period of absence by the Chairman the Minister appointed Professor Rhondda Jones to act as Chairman from 11 January 1994 to 4 February 1994.

(c) Remuneration

Information on remuneration of Authority Members is disclosed at Note 24.

(d) Authority Members' interest in contracts

On the basis of statements declared by members in accordance with S16A of the Act, no Authority member has received or become entitled to receive a benefit, other than a benefit included in the aggregate of remuneration received or due and receivable shown at Note 24 by reason of a contract made by the Authority member or with a firm of which the Authority member is a member or with a company in which the Authority member has a substantial interest.

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

24. REMUNERATION OF EXECUTIVES

(a) Fixed Remuneration - executive officers

The number of executive officers of the Authority whose total fixed remuneration received, or due and receivable, directly or indirectly, from the Authority, fell within each band of income after \$100,000 is:

	1994	1993
\$100,001 - \$110,000	1	1
\$120,001 - \$130,000	1	0
Total Fixed Remuneration	\$238,755	\$104,380

As well as being a member of, and full-time Chairman of the Authority, Professor Kelleher is also chief executive of the Authority

(b) Remuneration - Members of the Authority

Remunerations paid in accordance with the Remuneration Tribunal Determination to members of the Authority were:

	1994	1993
	\$	\$
Full-time and part-time members	150,357	124,022

(c) Superannuation contributions - Members of the Authority

The aggregate of amounts paid to a superannuation plan in connection with the retirement of members of the Authority was:

	1994	1993
	\$	\$
Full-time members	22,245	18,790

25. GEOGRAPHICAL LOCATION

The Authority has its principal office located in Townsville, north Queensland and also has a small office in Canberra. This arrangement enables the Authority to have its principal technical resources close to the Reef and also to carry out important liaison functions in Canberra.

Great Barrier Reef Marine Park Authority

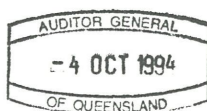
GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

26.

**Queensland Department of Environment and Heritage
 Great Barrier Reef Marine Park
 Statement of Receipts and Payments for the Year Ended 30 June 1994**

1992 - 93		1993 - 94
\$		\$
	The balance at 1 July comprised -	
	Recurrent Costs	
2,826	Salaries and Wages	1,841
31,652	Operating Costs	10,506
	Capital Works and Services	
240,805	Initial Program	648,219
261,090	Post Initial Program	181,868
42,590	Balance of proceeds from sale of Moveables	74,039
578,963		916,473
	Receipts for the year were -	
	Recurrent Costs	
3,342,365	Salaries and Wages	3,689,811
2,373,112	Operating Costs	2,481,280
	Capital Works and Services	
793,501	Initial Program	181,000
562,523	Post Initial Program	444,909
404,454	Disposal of Moveables	71,259
-	Other Receipts	33,661
7,475,955	Total Receipts (Note 4)	6,901,920
	From which the following payments were made -	
	Recurrent Costs	
3,343,350	Salaries and Wages	3,684,197
2,394,258	Operating Costs	2,486,440
	Capital Works and Services	
386,087	Initial Program (Note 5)	804,940
641,745	Post Initial Program (Note 5)	575,253
373,005	To GBRMPA for Moveables sold	131,227
-	To GBRMPA for Other Receipts	47,732
7,138,445	Total Payments	7,729,789
337,510	Resulting in an excess of receipts over payments of -	(827,869)
	Leaving a balance at 30 June comprising-	
	Recurrent Costs	
1,841	Salaries and Wages	7,455
10,506	Operating Costs	5,346
	Capital Works and Services	
648,219	Initial Program	24,279
181,868	Post Initial Program	51,524
74,039	Balance of proceeds from sale of Moveables	-
916,473		88,604

The accompanying notes form an integral part of these financial statements.



GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

Queensland Department of Environment and Heritage
 Great Barrier Reef Marine Park
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENT

Note 1 Statement of Accounting Policies

(a) Basis of Accounts

The accounts have been prepared on a cash basis, consistent with the basis applied in the previous financial year and in the form approved by the Minister for Finance (Commonwealth), as required by the Agreement.

(b) Carryover Transfer to the Queensland Treasury Department

The balance of Commonwealth funds for the Great Barrier Reef Marine Park at 30 June 1994, which does not include the balance of proceeds from the sale of moveables, was transferred to the Treasury Department in terms of that Department's requirements. The amount transferred has been refunded to the Department of Environment and Heritage in July 1994. The total of receipts included in the Statement of Receipts and Payments for the year ended 30 June 1994 represents gross receipts excluding the transfer.

(c) Property, Plant and Equipment

All items which cost more than \$1,000 are capitalised. This resulted in a \$15,169 (1992/93 \$10,593) and \$8,158 (1992/93 \$8,368) write off adjustment to the Commonwealth and Queensland funded assets, respectively.

(d) Investments

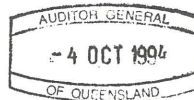
Investments are recorded at cost.

(e) Contingent Assets/Liabilities

There were no known contingent assets or liabilities of a significant nature at 30 June 1994 (1993 \$NIL).

Note 2 Investments

Equity in Q Fleet	1993 \$	1994 \$
Commonwealth	147,985	221,102
State	147,985	221,102
	295,970	442,204



Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

Queensland Department of Environment and Heritage
Great Barrier Reef Marine Park
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENT (continued)

Note 3 Property, Plant and Equipment

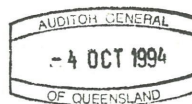
(a) Statement of Property, Plant and Equipment (at cost) as at 30 June 1994, including movements for 1993-94 financial year.

	Funded by Commonwealth (cumulative from 1 July 1981)			Balance 30/6/94 \$
	Balance 1/7/93 \$	Acquisition 1993-94 \$	Disposal/ Write Offs 1993-94 \$	
Buildings and infrastructure	1,356,521	208,199	-	1,564,720
Vessels and associated equipment	1,100,306	692,879	24,943	1,768,242
Vehicles #	87,838	688	49,846	38,680
Other plant and equipment	705,491	117,683	30,265	792,909
	3,250,156	1,019,449	105,054	4,164,551

	Funded by Queensland (cumulative from 1 July 1981)			Balance 30/6/94 \$
	Balance 1/7/93 \$	Acquisition 1993-94 \$	Disposal/ Write Offs 1993-94 \$	
Buildings and infrastructure	157,936	24,399	-	182,335
Vessels and associated equipment	309,177	134,723	24,008	419,892
Vehicles #	69,759	689	31,768	38,680
Other plant and equipment	239,832	54,699	11,111	283,420
	776,704	214,510	66,887	924,327
TOTAL	4,026,860	1,233,959	171,941	5,088,878

As from 1 July 1991 all vehicles are being leased through Q Fleet- Administrative Services Department

Stocktakes of Property, Plant and Equipment were carried out by officers of the Department of Environment and Heritage.



GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

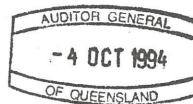
Queensland Department of Environment and Heritage
 Great Barrier Reef Marine Park
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENT (continued)

(b) Statement of Property, Plant and Equipment Disposed of/Written Off during 1993-94

	Funded by Commonwealth		Funded by Queensland	
	1992-93 \$	1993-94 \$	1992-93 \$	1993-94 \$
Sale/Transfer of Assets	421,717	89,216	186,417	58,729
Write off due to:				
Damage and				
Obsolescence/Worn Out	161,750	-	130	-
Other	17,470	669	-	-
Asset criteria adjustment	10,593	15,169	8,368	8,158
Adjustments-Vehicles leased through Q Fleet	50,032	-	50,032	-
	<u>661,562</u>	<u>105,054</u>	<u>244,947</u>	<u>66,887</u>
		1992-93 \$	1993-94 \$	

Note 4 Receipts during the year were provided from the following sources:

Commonwealth Government:		
Recurrent 50%		
Salaries and Wages	1,671,183	1,844,906
Operating Costs	1,186,556	1,240,640
Capital Works and Services:		
Initial Program 100%	793,501	181,000
Post-Initial program 50%	281,261	222,454
	<u>3,932,501</u>	<u>3,489,000</u>
Queensland Government:		
Recurrent 50%		
Salaries and Wages	1,671,182	1,844,905
Operating Costs	1,186,556	1,240,640
Capital Works and Services		
Post-Initial Program 50%	281,262	222,455
	<u>3,139,000</u>	<u>3,308,000</u>
Disposal of Moveables	404,454	71,259
Other Receipts	-	33,661
Total Gross Receipts	<u>7,475,955</u>	<u>6,901,920</u>

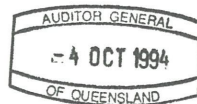


Great Barrier Reef Marine Park Authority

GREAT BARRIER REEF MARINE PARK AUTHORITY
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
 for the year ended 30 June 1994

Queensland Department of Environment and Heritage
 Great Barrier Reef Marine Park
 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENT (continued)

	1992-93 \$	1993-94 \$
Note 5 Capital Works and Services		
-Initial Program		
Buildings and infrastructure	45,556	183,800
Vessels and associated equipment	316,573	558,156
Office and field equipment	23,958	62,984
	386,087	804,940
-Post Initial Program		
Buildings and infrastructure	19,829	48,798
Vessels and associated equipment	221,597	269,446
Vehicles	195,907	147,611
Office and field equipment	204,412	109,398
	641,745	575,253




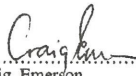
GREAT BARRIER REEF MARINE PARK AUTHORITY
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
for the year ended 30 June 1994

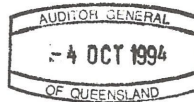
CERTIFICATE OF THE QUEENSLAND DEPARTMENT OF
ENVIRONMENT AND HERITAGE

We have prepared the foregoing annual financial statement in relation to the operation of the Great Barrier Reef Marine Park as required by the relevant Agreements dated 10 May 1988 between the Commonwealth and Queensland Governments and the Great Barrier Reef Marine Park Authority and certify as follows -

- (a) the foregoing financial statement and appended notes to and forming part thereof are in agreement with the accounts and records of the Queensland Department of Environment and Heritage;
- (b) the receipt and expenditure of monies were in accordance with the approved programs and in accordance with the aforementioned agreements and previous draft agreements executed between the Commonwealth and Queensland Governments with regard to day-to-day management and control and ownership of assets; and
- (c) in our opinion-
 - (i) the prescribed requirements in respect of the establishment and keeping of accounts have been complied with in all material respects; and
 - (ii) the foregoing annual financial statement has been drawn up so as to present a true and fair view, on a basis consistent with that applied in the financial year last preceding, of the transactions of the Queensland Department of Environment and Heritage in relation to the Great Barrier Reef Marine Park for the period 1 July 1993 to 30 June 1994 and of the financial position as at the close of that year.


.....
S P Rafter
Executive Manager (Financial Services)
Department of Environment and Heritage


.....
Craig Emerson
Director General
Department of Environment and Heritage



Great Barrier Reef Marine Park Authority

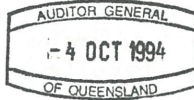
GREAT BARRIER REEF MARINE PARK AUTHORITY
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
for the year ended 30 June 1994

CERTIFICATE OF THE AUDITOR-GENERAL

I certify that, in my opinion:

- (1) the foregoing Statement of Receipts and Payments and appended notes for the period 1 July 1993 to 30 June 1994 are based on proper accounts and records and are in agreement with those accounts and records; and
- (2) the expenditure of moneys was in accordance with the relevant Agreements dated 10 May 1988 between the Commonwealth and Queensland Governments and the Great Barrier Reef Marine Park Authority in respect of financial assistance for the Great Barrier Reef Marine Park.


.....
B M ROLLASON
Auditor-General



AUDITOR-GENERAL'S REPORT

INDEPENDENT AUDIT REPORT

To the Minister for the Environment, Sport and Territories

Scope

I have audited the financial statements of the Great Barrier Reef Marine Park Authority for the year ended 30 June 1994. The statements comprise:

- Operating Statement
- Statement of Financial Position
- Statement of Cash Flows
- Notes to and forming part of the accounts, and
- Statement by Authority members

The members of the Great Barrier Reef Marine Park Authority are responsible for the preparation and presentation of the financial statements and the information contained therein. I have conducted an independent audit of the financial statements in order to express an opinion on them to the Minister for the Environment, Sport and Territories.

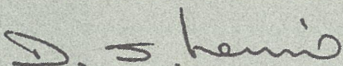
The audit has been conducted in accordance with Australian National Audit Office Auditing Standards, which incorporate the Australian Auditing Standards, to provide reasonable assurance as to whether the financial statements are free of material misstatement. Audit procedures included examination, on a test basis, of evidence supporting the amounts and other disclosures in the financial statements, and the evaluation of accounting policies and significant accounting estimates. These procedures have been undertaken to form an opinion whether, in all material respects, the financial statements are presented fairly in accordance with Australian accounting concepts and standards and statutory requirements so as to present a view which is consistent with my understanding of the Authority's financial position, the results of its operations and its cash flows.

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

Audit Opinion

In accordance with section 55 of the *Great Barrier Reef Marine Park Act 1975*, I now report that the statements are in agreement with the accounts and records of the Authority, and in my opinion:

- (i) the statements are based on proper accounts and records
- (ii) the statements show fairly in accordance with Statements of Accounting Concepts and applicable Accounting Standards the financial transactions and cash flows for the year ended 30 June 1994 and the state of affairs of the Authority as at that date
- (iii) the receipt, expenditure and investment of moneys, and the acquisition and disposal of assets by the Authority during the year have been in accordance with *Great Barrier Reef Marine Act 1975*, and
- (iv) the statements are in accordance with the *Guidelines for Financial Statements of Public Authorities and Commercial Activities*.



D. S. Lennie
Executive Director
Australian National Audit Office
Canberra 7 October 1994

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