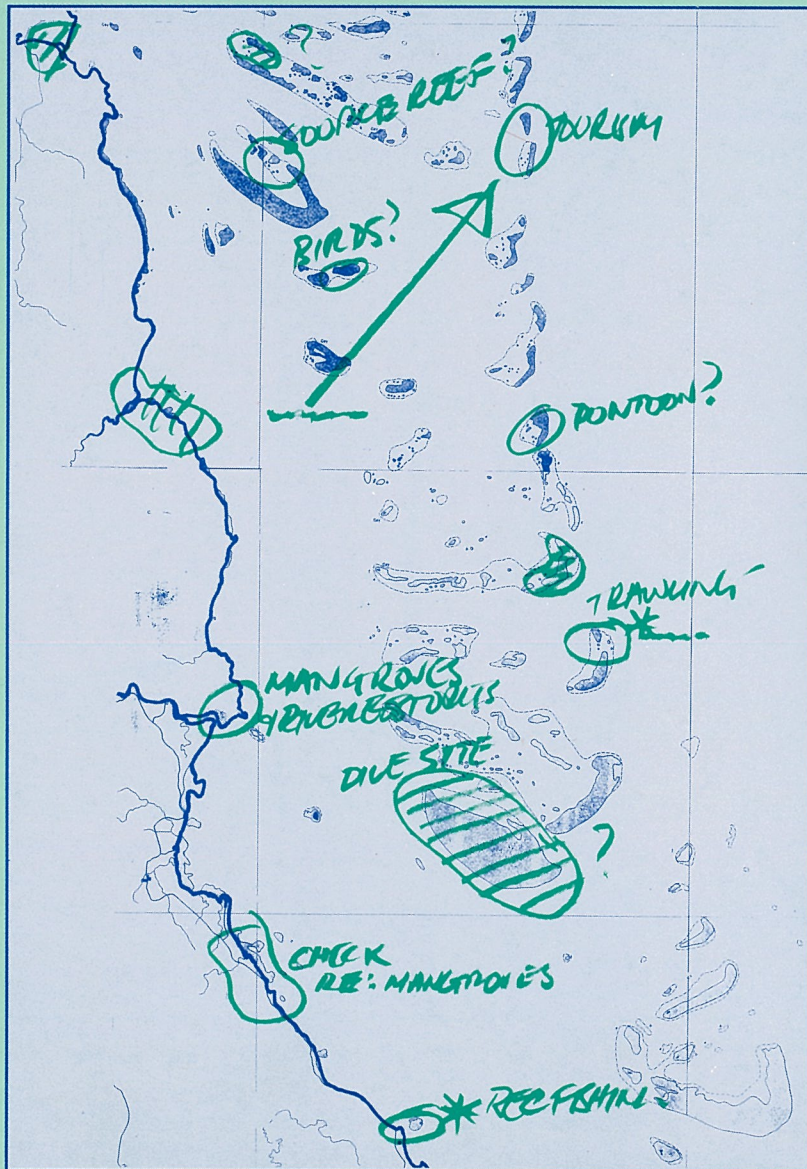


BASIS FOR ZONING

THE GREAT BARRIER REEF MARINE PARK CAIRNS SECTION AND THE CAIRNS MARINE PARK, 1992



Describing the issues, natural resources, management and public comments for these Marine Parks

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ERRATUM

The following changes to references should be used in conjunction with this document.

Queensland National Parks and Wildlife Service (QNPWS) is now

Queensland Parks and Wildlife Service (QPWS)

Department of Environment and Heritage (DEH) refers to

Queensland Parks and Wildlife Service (QPWS)

Queensland Fish Management Authority (QFMA) is now

Queensland Fisheries Services (QFS)

Queensland Commercial Fishermen's Organisation (QCFO) is now

Queensland Seafood Industry Association (QSIA)

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INTRODUCTION

REVIEW OF ZONING PLANS

The Cairns Section covers an area of some 35 000 square kilometres and extends for more than 400 kilometres along the coast adjacent to the towns of Tully, Innisfail, Cairns, Mossman, Port Douglas and Cooktown (see Figure 1). The Cairns Section is one of four Sections making up the Great Barrier Reef Marine Park.

The Great Barrier Reef is the world's largest and most complex expanse of living coral reefs, encompassing many unique forms of marine life. Most of the Great Barrier Reef is in a relatively undisturbed condition.

In 1981 the Great Barrier Reef was inscribed on the World Heritage List in recognition of its universal value. Under the United Nations World Heritage Convention each country is required to do all it can to ensure the protection, conservation, preservation and transmission to future generations of these precious assets.

The development of the initial zoning plans for the Cairns Section and Cormorant Pass Section took place in 1982-83. The Cairns Section was the second major section of the Marine Park to be proclaimed when the rezoning took effect in November 1983.

The Great Barrier Reef Marine Park Authority (GBRMPA) has undertaken to revise zoning plans every 5-8 years. Since the first zoning plans for the Cairns Section came into effect many changes particularly in relation to tourism have occurred in this area.

The Cairns Marine Park was declared in 1989 and, beside including tidal waters around islands within the Cairns Section of the Great Barrier Reef Marine Park, also includes a number of major estuarine and inshore areas. This park is one of several State Marine Parks that have been declared along the coast of Queensland. The Cairns Marine Park includes much of the tidal lands and tidal waters between Mission Beach in the south and Murdoch Island in the north. State Marine Parks, including the Cairns Marine Park, are administered by the Department of Environment and Heritage (DEH).

To ensure the management of the Cairns Marine Park and the Cairns Section of the Great Barrier Reef Marine

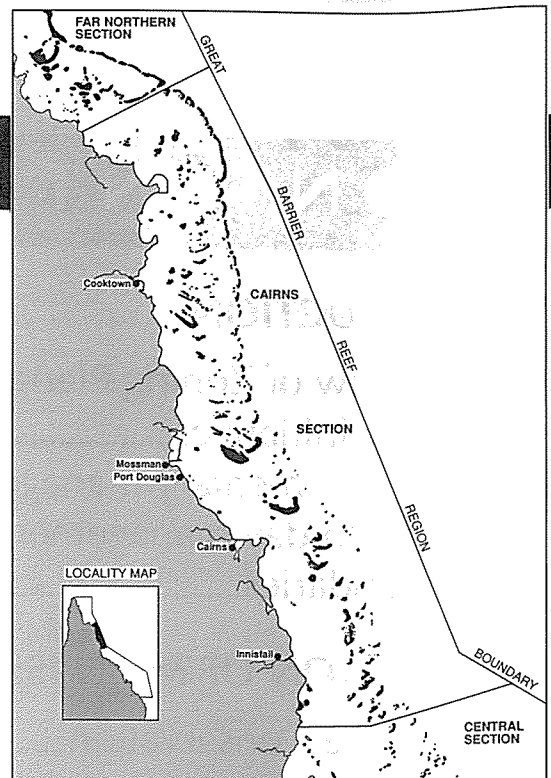


Fig 1

Park are complementary, both zoning plans have been reviewed at the same time.

The revision of the Cairns Section Zoning Plan has involved a comprehensive program involving two formal public participation stages and much community consultation and discussion. As a result of the high profile of the issues in the media and meetings attended by staff of GBRMPA and the Queensland National Parks and Wildlife Service (Q.NPWS), a total of 1209 written representations including 208 form letters were received during the two periods of public participation.

Public comment was requested on the Cairns Marine Park during the second public participation phase on the proposed zoning plan for the Cairns Section of the Great Barrier Reef Marine Park. The existing Cairns Marine Park was shown on the proposed zoning plan map for the Cairns Section.

In addition to a request for comments on the existing Cairns Marine Park, the public was asked to comment on a number of proposed additions to the Marine Park and on Trinity Inlet as an area of interest for declaration as a Marine Park.

Of the submissions received in the second phase of public participation of the Cairns Section of the Great Barrier Reef Marine Park,

171 (14% of the total) referred to areas located only in the Cairns Marine Park.

INITIATIVES

Major initiatives in the revised zoning plans are:

Zoning Names

Several zone names are changed to simpler names better indicating the intent or use of the areas:

Old Zone Names	New Zone Names
General Use 'A' Zone.....	General Use Zone
General Use 'B' Zone.....	Habitat Protection Zone
	Estuarine Conservation Zone
Marine National Park 'A' Zone.....	Conservation Park Zone
Marine National Park Buffer Zone.....	Buffer Zone
Marine National Park 'B' Zone.....	National Park Zone
Scientific Research Zone }	Preservation Zone
Preservation Zone }	

No Structures Subzone

The introduction of the No Structures Subzone sets aside areas which must remain free from installations such as pontoons, except for approved navigation markers and vessel moorings. The introduction of this concept has wide support by reef users and conservation groups.

Fisheries Experimental Area

Fisheries Experimental Areas have been introduced to help the conduct of a major research program to investigate the effects on the Reef of fishing. This research program has been widely supported despite some difficulty in finalising the locations of the Areas.

Conservation Park Zone

The Marine National Park A Zone replaces the Conservation Park Zone. The right to "catch a feed" in this basically conservation zone has been extended to people spearfishing in some areas.

Estuarine Conservation Zone

The new zone called the Estuarine Conservation Zone, replaces the old General Use B Zone where it applied to estuarine areas. This new zone provides for greater protection of estuarine habitat such as mangroves and underlying substrate.

New Additions

A number of estuarine and coastal areas which were previously outside the Cairns Marine Park are now included. The estuaries of the Bloomfield and Johnstone Rivers, Dicksons Inlet and several other areas previously outside the Cairns Marine Park, are now included.

Aboriginal Management Area

Aboriginal Management Areas provide for joint management of areas by DEH and by traditional Aboriginal owners. Mission Bay adjacent to the Yarrabah Aboriginal Community settlement has been declared an Aboriginal Management Area. Other similar areas may be declared during the life of the zoning plan.

COMPLEMENTARY MANAGEMENT

All areas of the Great Barrier Reef Region, whether under the jurisdiction of the Commonwealth or Queensland, are managed in a similar way with regards to declaration, zoning and

day-to-day management. This inter agency relationship provides for more efficient and effective management of the Region.

DAY-TO-DAY MANAGEMENT

DEH is the principal agency responsible for the day-to-day management of the Cairns Section of the Great Barrier Reef Marine Park and the Cairns Marine Park. Additional field management is undertaken by the Queensland Boating and Fisheries Patrol (QBFP) and aerial surveillance is carried out by Coastwatch.

Management of the Cairns Section of the Great Barrier Reef Marine Park and Cairns Marine Park commenced in 1983 and 1989 respectively and today encompasses a wide variety of tasks including education, permit assessment, surveillance and enforcement. DEH is also responsible for management of island National Parks.

BOUNDARIES

Where possible boundaries have been drafted to use points that are readily recognised in the Marine Park, e.g. topographic features such as whole reefs or an entire bay. In some situations, such features do not occur and geographical co-ordinates have been used.

The inshore boundaries of the Marine Park are defined as extending to high water mark or highest astronomical tide along beaches and within estuaries. The Marine Park extends to high water mark around islands. Definitions of 'high water' and 'highest astronomical tide' are given in the zoning plans.

Other boundaries used to define the extent of Marine Parks are structures such as bridge crossings, freehold land and islands such as in the Annan River. Changes in vegetation types are often indicative of the boundary between the marine and terrestrial environments.

Boundaries of zones are also distinguished by physical features such as river bends, stable spits of land and river mouths.

In most cases, for zones such as Conservation Park, National Park, Buffer and Preservation, the boundary is *the 500 metre line* (i.e. the line every point of which is at a distance of 500 metres seaward from the nearest point of the *reef edge* of the reef to which it applies). Where the Habitat Protection Zone encircles these

zones, the zone boundary is defined by co-ordinates to achieve large 'blocks' and *the one kilometre line* is generally used - to provide a 500 metre buffer beyond the more protected zone.

Some exceptions are:

- (a) **a boundary 100 metres beyond LWM (low water mark)** -- used to describe the outer boundary of the National Park Zone surrounding a number of small National Park islands located on incomplete reef platforms e.g. Rocky Islets, Three Islands, South Barnard Islands. These National Park Zones are then surrounded by a Buffer Zone out to *the 500 metre line*.
- (b) **a boundary described by inset on a zoning map** -- used where a readily discernible reef crest cannot be identified accurately to describe the boundary between the National Park Zone (or Preservation Zone) and the Buffer Zone. This is required when the National Park Zone or Preservation Zone is needed to protect the reef top (or reef crest) of a reef with important conservation values, but where trolling for pelagic fish is allowable over the reef slope (e.g. Euston Reef).
- (c) **a boundary described to the reef edge** -- used primarily on 'ribbon' and outer edge reefs which have steeply sloping edges, and thus the reef edge and reef crest are located very close to each other.

DISCUSSION OF MAIN ISSUES

NATURE CONSERVATION

GENERAL

This section discusses each major issue addressed in preparation of the new zoning plans, and outlines the proposed action by GBRMPA and the DEH for each issue. For information on the background to declaration of the Cairns Marine Park refer to 'Background Report, Cairns Marine Park' published by the Department of Environment and Conservation 1989. Copies can be obtained from the DEH office, Cairns.

The two Marine Parks are multiple use parks which allow for all reasonable uses to be carried out provided they are consistent with the long-term conservation of the Great Barrier Reef Region. Activities which are prohibited throughout the Marine Park are littering, operations for recovery of oil and other minerals (except for approved research purposes), spearfishing with underwater breathing apparatus (except for the taking of spiny lobsters in the Far Northern Section), and the taking of large specimens of some fish species such as potato cod.

GBRMPA and DEH believe any use of the Reef or associated areas should not threaten its existing essential ecological characteristics and processes. This belief has led GBRMPA to adopt the following primary 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.

Throughout the two periods of public input during the revision of the Cairns Section and Cairns Marine Park Zoning Plans, representations were received expressing concern that conservation of the Great Barrier Reef has taken a poor second place to tourism and, to a lesser

extent, other special interest groups. Although not the true situation, this reaction is in response to the special emphasis placed on development of a strategy for the control of tourism in the Cairns Section and ultimately for the entire Marine Park.

At the other extreme, a number of representations commented that the draft zoning plan, developed for public comment during 1989, proposed protection for too large an area of the Marine Park, leaving insufficient areas for users to maintain current levels of operation. Emphasis on specific new strategies, such as the tourism strategy and the proposed effects of fishing experiment, may have led users to believe that large areas would no longer be available for use by the general public.

The Cairns Section is a relatively small and very intensively used part of the Marine Park. For that reason, the Cairns Section must be considered as part of an overall management strategy, encompassed by all zoning plans.

A well-planned and executed public awareness program will enable users to understand all elements of the new zoning plans, thus preventing dissatisfaction due to misunderstanding and lack of information.

The table overleaf summarises the area, in square kilometres, of the Cairns Section in each zone type for the revised zoning plan and provides a comparison with the previous zoning plan which has been in operation since 1983.

Public concern regarding loss of mangrove habitat and support for protection of estuarine habitats was expressed in submissions. The Cairns Marine Park was expanded to include the estuaries of the Annan, Bloomfield and Johnstone Rivers and Dicksons Inlet.

ZONE TYPE	ZONING PLAN 1983 in sq kms (%)	REVISED ZONING 1992 in sq kms (%)
GENERAL USE 'A'	25,800 (74%)	
GENERAL USE		25,600 (73%)
GENERAL USE 'B'	7,700 (22%)	
HABITAT PROTECTION		7,800 (22%)
MARINE NATIONAL PARK 'A'	700 (2%)	
CONSERVATION PARK		600 (2%)
MARINE NATIONAL PARK BUFFER	300 (<1%)	
BUFFER		200 (<1%)
MARINE NATIONAL PARK 'B'	250 (<1%)	
NATIONAL PARK		700 (2%)
SCIENTIFIC RESEARCH	200 (<1%)	
PRESERVATION	50 (<1%)	
PRESERVATION		100 (<1%)
TOTAL (areas in sq kms)	35,000	35,000

Note: Table is indicative only.

SINK AND SOURCE REEFS

Scientific research has proved that most coral reef animals such as fish, corals and starfish produce offspring as pelagic (open water) larvae which spend the early days to weeks of their lives being carried by water currents. Many of these larvae will leave the reef where they were spawned (their source reef) and be carried towards other reefs. The reef on which larvae settle and grow into adults is referred to as the sink reef.

Research into water currents and the movement of larvae between reefs has led to the development of computer-based techniques to study the effectiveness of certain reefs or groups of reefs as 'sources' of larvae for the recruitment of organisms (corals and fish) to other reefs ('sinks'). A study into reef connectivity in the Cairns Section was commissioned by GBRMPA and

undertaken by the Marine Modelling Unit of James Cook University.

Forty-six reefs presently within Marine National Park 'B', Scientific Research or Preservation Zones or proposed as Marine National Park Zones were studied using randomly selected current patterns. The reliability and effectiveness of the 46 reefs as 'sources' of larvae were analysed and the corresponding 'sink' reefs throughout the Cairns Section were identified. This information was used when the zoning for particular reefs was reviewed.

An effective 'source' reef is one that reliably supplies numerous larvae to two or more 'sink' reefs. Well-served 'sink' reefs are defined as being strongly replenished from two or more 'source' reefs.

SEAGRASS

Seagrasses provide important habitat essential to the livelihood of dugong, turtles, commercial species such as prawns, and a variety of other marine fauna.

In the Marine Parks, the major threats to seagrass are through physical disturbance such as reclamation, dredging or indiscriminate trawling, or through degraded water quality changing the nutrient, turbidity or sediment levels.

Protection of seagrass beds is an important and widely supported aim of the zoning plan.

All known areas of seagrass (surveyed by Queensland Department of Primary Industries) within the Marine Park have been zoned to afford protection from physical disturbance. Seagrass areas are described by the amount of surface area covered by foliage. Known areas in the Marine Park and their proposed zoning, are:

SITE	ZONING	COMMENTS
Starcke River area	National Park	Substantial protection afforded by National Park Zone.
Turtle Group/Nymph Island	National Park/ General Use	The most extensive areas of seagrass are within the National Park Zone, however seagrass does occur beyond the NP Zone. Further surveys are required to assess the extent and seasonal nature of these areas.
Murray Reefs to Cape Bedford	Habitat Protection Zone	Small area, < 10% cover
Cedar Bay	National Park Zone	Small area, 10% - 50% cover
Weary Bay	Habitat Protection Zone	Small area, 10% - 50% cover
High Island	Habitat Protection Zone	Small area, < 10% cover
North Barnards	Conservation Park	Small area, 10% - 50% cover
South Barnards	Buffer	Small area, < 10% cover
Cowley Beach area	Habitat Protection Zone	Considerable area but all < 10% cover
King Reef	Habitat Protection Zone	Small area, 10% - 50% cover

DUGONG

The number of dugong in an area relates directly to the extent of seagrass in that area. The Starcke River area is prolific with about 20% of all known dugong in the Great Barrier Reef Region. South of Cape Bedford, the Cairns Section has little seagrass and no major dugong populations.

Within the Great Barrier Reef Region, permits are issued for dugong hunting by Aboriginals from several Trust areas. They are also killed

accidentally in shark nets set for the protection of swimmers near major population centres and in commercial gill nets. The present level of dugong hunting in most areas by Aboriginals and Islanders is considered by researchers to be within the sustainable yield of the dugong population. The number of dugong killed in gill nets and shark nets is thought to be low. A comprehensive Great Barrier Reef wide Dugong Management Plan is proposed to be produced to address local and Reef-wide ecologically sustainable levels of harvesting and levels of unintentionally induced mortality.

Permits for traditional hunting may be issued to the Aboriginal or Islander community and include specific conditions. Conditions include a prohibition on the use of firearms or noxious substances, a prohibition on the sale or barter of any product caught, and a request for data on any dugong caught.

A report 'Biological Basis for Managing Dugong and other Vertebrates in the Great Barrier Reef Marine Park' (unpub) commissioned by the Authority from Dr Helene Marsh of the James Cook University of North Queensland provides excellent up-to-date information on the status of dugong with recommendations for future research, monitoring and management, including:

1. Protection of seagrass habitats, particularly those at Starcke River which support substantial numbers.
2. Inclusion of whole seagrass beds within zone boundaries.
3. Collection of dugong catch statistics from Aboriginal communities as a condition of hunting permits should continue.
4. Public education program about the dugong should target:
 - Aboriginal and Islander hunters living in Trust areas,
 - Aboriginals and Islanders living away from Trust areas, who resent not being able to hunt dugong legally, and
 - commercial gill netters operating in areas with high dugong densities.
5. Evaluation of the distribution and abundance of dugong using aerial surveys at five-yearly intervals.
6. Shark netters to be required through a permit to provide statistics on any dugong caught and make all dugong carcasses available for scientific research.

The following actions have been implemented to protect dugong in the Marine Parks:

- A five-yearly program to resurvey dugong populations has been instituted.
- Seagrasses are protected through their incorporation in the Habitat Protection, Estuarine Conservation, Conservation Park or National Park Zones.
- Where necessary, specific surveys of the extent of seagrass beds were carried out to identify the area to include in appropriate zones. Continuing survey work is required to verify available information and to take account of the seasonal variations in the extent of seagrass beds. Surveys of deepwater seagrass beds are required.
- Complementary zoning of intertidal areas has occurred. The extent to which dugong move into shallow (less than one metre) intertidal areas has been questioned, particularly in the Starcke River area where gill netters have operated over several years without apparent incidental capture of dugong.
- Public education programs are being developed and catch statistics will continue to be required as a condition of permits for traditional hunting of dugong.
- Under the revised zoning plan conditional permits will be required for shark netting programs.

BIRDS

Important bird nesting sites have been identified throughout the Cairns Section. Seasonal Closure Areas have been proposed surrounding a number of these sites. Within a Seasonal Closure Area, most activities, except some research, are prohibited. The period of closure and the boundaries of the area are advertised.

TURTLES

Turtle nesting occurs in small isolated areas in the marine parks, but these sites are not of significance on a regional (Great Barrier Reef) or world scale.

SEABIRD SITES

SITE	ZONING	COMMENTS
* Nymph Island (N.P.)	National Park/Buffer	Seabirds, Torresian Imperial Pigeons, large raptors
+Eagle Islet (N.P.)	National Park/Buffer + SC	Seabirds , large raptors
Lizard Island (N.P.)	National Park/Buffer/ Conservation Park	Seabirds, Torresian Imperial Pigeons, large raptors
Turtle Islets (N.P.)	National Park	Seabirds, Torresian Imperial Pigeons, large raptors
Pethebridge Islands	National Park	Seabirds, Torresian Imperial Pigeons
High Island	Habitat Protection	Seabirds, Torresian Imperial Pigeons
Nth Direction Island	Habitat Protection	Large raptors
Sth Direction Island	National Park/Buffer	Seabirds, Torresian Imperial Pigeons
*Two Isles (N.P.)	Habitat Protection	Torresian Imperial Pigeons
*Low Wooded Isle	Habitat Protection	Seabirds, Torresian Imperial Pigeons
*Three Isles (N.P.)	National Park/Buffer	Seabirds, Torresian Imperial Pigeons, large raptors
East Hope Island (N.P.)	Conservation Park	Torresian Imperial Pigeons, large raptors
* West Hope Island (N.P.)	Conservation Park	Torresian Imperial Pigeons, large raptors
* Mackay Reef Cay	National Park/ Buffer +SC	Seabirds
* Undine Reef Cay	Habitat Protection +SC	Seabirds
+ Low Isles (incl. Woody Isle)	National Park/ Buffer +SC	Seabirds, Torresian Imperial Pigeons, large raptors
+ Michaelmas Cay (N.P.)	National Park	Seabirds
Upolu Cay (N.P.)	Habitat Protection	Seabirds
Sudbury Cay	Habitat Protection +SC	Seabirds
*Rocky Islets (N.P.) and Rocky Island	National Park/ Buffer +S C	Seabirds
# *Frankland Islands	National Park	Seabirds, Torresian Imperial Pigeons, large raptors
Normanby Island (N.P.)	Conservation Park	Seabirds, Torresian Imperial Pigeons, large raptors
Mabel Island (N.P.)	National Park	Seabirds, Torresian Imperial Pigeons, large raptors
Round Island (N.P.)	Conservation Park	Seabirds, Torresian Imperial Pigeons, large raptors
Russell Island (N.P.)	National Park	Seabirds, Torresian Imperial Pigeons, large raptors
North Barnard Islands	Conservation Park	Seabirds, Torresian Imperial Pigeons, large raptors
Jessie Island (N.P.)	Habitat Protection	Seabirds, Torresian Imperial Pigeons, large raptors
Bresnahan Island (N.P.)	Conservation Park	Seabirds, Torresian Imperial Pigeons, large raptors
Kent Island	Habitat Protection	Seabirds, Torresian Imperial Pigeons, large raptors
Hutchison Island (N.P.)	Conservation Park	Seabirds, Torresian Imperial Pigeons, large raptors
South Barnard Islands (N.P.)	Habitat Protection	Seabirds, Torresian Imperial Pigeons, large raptors
* Sisters Island	National Park/Buffer +SC	Seabirds
*Taylor Cay	National Park/Buffer +SC	Seabirds
# *Beaver Cay	Habitat Protection +SC	Seabirds
	National Park/ Buffer +SC	Seabirds

† Aircraft/ helicopter restrictions in this area all year round due to seabird/Torresian Imperial Pigeon breeding sites.

* Aircraft/helicopter restrictions in this area between October and March due to seabird/Torresian Imperial Pigeon breeding sites.

+ SC = Seasonal Closure.

Aircraft/ helicopter restrictions in this area all year round due to management amenity

NOTE : Access to Queensland Marine Park intertidal areas around some National Park Islands have recommended restrictions which are intended to further protect these locations.

Turtles are seen regularly throughout the Marine Parks. Most sightings occur in the vicinity of known seagrass beds such as in Mission Bay near Cairns and around the Turtle Group and Nymph Island in the north of the Section.

Turtle hunting by Aboriginals and Islanders living in Trust areas takes place under permit in areas adjacent to communities.

PARK MANAGEMENT

MOORINGS AND ANCHORAGES

In 1985-88 the number of registered private pleasure vessels in the Innisfail, Cairns and northern areas increased by 25% to more than 8000.

In recent years, many Marine Park users have become aware of the impact of boat anchors and mooring lines on the corals of the Great Barrier Reef. GBRMPA and DEH believe moorings are needed and should be installed at good or popular anchorages where corals are at risk. The mooring issue drew supportive comments in both phases of public participation. Moorings are preferable because they may be safer and less destructive than anchoring. With few exceptions, most respondents who were against structures on the reef were in favour of moorings, apparently appreciating the potential of moorings to reduce damage to coral caused by anchoring.

Several representations have been received commenting on the usefulness of the moorings installed at Cod Hole and Pixie Pinnacle and suggesting other sites in urgent need of moorings. These included Green Island, Beaver, Hastings and Pickersgill Reefs, and the Hope Islands.

Another major issue for anchorages is that many lie in the National Park zones. Many respondents felt that 'no fishing' at anchorages will be likely to cause people to break the rules.

REEF FISH SPAWNING LOCALITIES

Of 29 localities identified by Queensland Department of Primary Industries staff as important spawning sites for coral trout, 13 are protectively zoned in the revised zoning plan. The remaining 16 localities are available for fishing. The locations of these important sites are being kept confidential to ensure some level of protection for the fish communities frequenting these areas.

To date, in situations where a commercial tourist operator uses a site more than twice a week, GBRMPA and DEH have required the permit holder (in the case of a tourist operation) to install an environmentally acceptable mooring, approved by a marine architect, in an agreed location at the operator's cost. Sites visited regularly by a commercial operator are assessed by DEH for environmental impact, particularly with regards to potential coral damage. Under the new zoning plan, a permit is required for construction and conduct of a mooring. Installation of moorings for vessels is approved by DEH regional staff.

GBRMPA has approved the installation of public moorings in the Marine Park in locations where they will contribute to the conservation of the Great Barrier Reef. Contractors will be engaged to design, certify, install and maintain the public moorings.

The revised zoning plans retain access for small boats to important all-weather anchorages. Access to all zones is allowed in emergencies.

FISHERIES EXPERIMENTAL AREAS

Research into the effects of recreational and professional fishing is a priority. Successful management of the Great Barrier Reef Marine Park relies on our understanding of the effects of our activities on the ecosystem and the informed regulation of such use.

Scientific workshops in 1989 and 1990 discussed the best approach to research into the effects of trawling and line fishing on reefs in the Marine Park. Participants agreed that GBRMPA should foster a strategy of research involving the control and manipulation of fishing activities at a number of clusters or groups of reefs. The zoning provisions will be used to delineate reefs and areas selected for experimental treatments.

In the zoning plans, two clusters of 5-6 reefs will be zoned for effects of fishing research. The locations of the experimental areas and the reefs to be included in them were determined during the public participation program for the zoning plans review and in consultation with local and state interest groups. One cluster lies off Cape Tribulation and includes St. Crispin Reef, Undine Reef, Mackay Reef, Agincourt Reef No. 3, and Chinamans Reef. The second cluster is located adjacent to the southern boundary of the Cairns Section and includes Taylor Reef, Beaver Reef, Farquharson Reef, Potter Reef, Eddy Reef, and unnamed reef 17-060. The exact location of Fisheries Experimental Areas are given in the zoning plans.

With special permission from the Authority trawling may be allowed for the purposes of research in one of these clusters.

The research program on these reefs started in 1991 and the work is expected to involve researchers from the Queensland Department of Primary Industries, the Australian Institute of Marine Science, and James Cook University. The program is co-ordinated by GBRMPA and will rely on considerable support and involvement of recreational and professional fishermen. This research will provide a far greater understanding of the interactions between fishing activities and ecological processes in the Great Barrier Reef Region.

TROLLING AND BUFFER ZONES

Trolling for pelagic species is carried out by commercial and recreational fishing groups and individuals.

Due to the migratory nature of the species caught trolling, protective zoning of individual reefs is not effective. Also preliminary research has indicated that pelagic species generally do not prey on reef species. The Buffer Zone therefore allows trolling for pelagic species in areas where bottom fishing is not allowed, for example around the reef edge of selected reefs zoned National Park or Preservation.

GBRMPA has decided to retain the Marine National Park Buffer Zone but to rename it simply Buffer Zone. It will allow trolling for pelagic species between the reef edge and the reef crest on specific reefs only. Drift fishing for pelagic species will not be allowed in Buffer Zones.

The Buffer Zone is depicted clearly on the zoning map, but has not been reintroduced to all previous localities, for example the Lark Reef area or around all Preservation Zones. Where the boundary could not be defined by a written description in the zoning plan, it has been described by reference to a map.

FISH FEEDING

Fish feeding and shark feeding are undertaken widely by recreational divers and as a component of tourist programs on the Great Barrier Reef.

Concern has been expressed that fish and shark feeding may:

- change the local fish population;
- increase localised nutrient input into the reef environment;
- be used as a pretext for garbage disposal;
- encourage aggressive behaviour in fish and attract sharks, increasing the risk of injury to reef users.

Fishing and fish feeding are conflicting activities. Advantage is often taken of tame fish as fish feeding makes the fish more vulnerable to being caught. At some popular tourist sites where fish feeding occurs, fishing is also allowed by the current zoning.

Guidelines for fish feeding have been prepared which address the amounts and types of foods that should be used for fish feeding. Compliance with these guidelines will continue to be a condition of permit for those tourist programs that conduct fish and shark feeding.

GBRMPA has concluded that:

1. Regulation over and above that endorsed by the current policy is not justified on the basis of the representations.
2. Where appropriate, zoning will be applied to protect 'tame' fish and to enable viewing by divers and visitors such as the Cod Hole.
3. Special Management Areas may be designated around major tourist sites to control all types of fishing if they are not protected by National Park Zones.

MARINE POLLUTION

Sewage from vessels

Under the *Great Barrier Reef Marine Park Act 1975*, vessels fitted with holding tanks are not permitted to discharge sewage within 500 metres of the edge of a reef. They may discharge sewage anywhere else within the Great Barrier Reef Marine Park. No similar restrictions apply to vessels not fitted with holding tanks. At this time there is no legislative requirement to fit holding tanks to vessels. As commercial operators must obtain a Marine Parks Permit, GBRMPA can require them to fit holding tanks as a permit condition. This usually applies to operators who spend most of their time at one location.

Sewage from land sources

Under a new GBRMPA policy, any new land-based facilities discharging sewage directly into the Marine Park must treat sewage to a tertiary level treatment (that is removal of nitrates and phosphates). Existing facilities are to treat sewage to a tertiary level by January 1996. Such facilities are mainly tourist resorts on Great Barrier Reef islands. No city or town located on the Queensland coast discharges sewage di-

rectly into the Marine Park. As the marine environment is a continuous medium, obviously sewage discharge from coastal centres can impact on the Marine Park. GBRMPA is exploring ways of working with local government authorities to ensure sewage treatment plants are upgraded to treat sewage to a tertiary level or dispose of effluent on land.

Oil pollution

Annex I of the International Convention for the Prevention of Pollution from Ships, (MARPOL), deals with oil. Annex I came into force internationally in October 1983. The implementing Australian legislation came into effect later that year. This is the *Protection of the Sea (Prevention of Pollution from Ships) Act 1983*. Under this Act the Great Barrier Reef receives special protection. Vessels are prohibited from discharging any oil in most of the Great Barrier Reef Region. Fines of up to \$200 000 for an individual and \$1 000 000 for a body corporate apply for breaches.

Garbage

Annex V of MARPOL deals with garbage. Annex V came into force internationally at the beginning of 1989. Implementing Australian legislation came into effect in November 1990. This is in the form of amendments to the *Protection of the Sea (Prevention of Pollution from Ships) Act*. The Great Barrier Reef receives special protection. Disposal of any form of garbage, including plastics, in most of the Great Barrier Reef Region (see map attached) is prohibited. The same fines as for oil apply for breaches.

Reception Facilities

Under Annex V of the MARPOL Convention all ports are required to provide adequate facilities to receive garbage from vessels. Should a vessel not be able to find adequate facilities for its garbage in a port, that port should be reported to the address below. Legal action can be taken against any port failing to provide adequate facilities.

Further information can be obtained from:
Assistant Manager
Marine Pollution Section
Australian Maritime Safety Authority
PO Box 1108
BELCONNEN ACT 2616
Ph (06)279 5000
Fax (06) 279 5076

CROWN-OF-THORNS STARFISH

Many reefs in the Cairns Section have been affected by the crown-of-thorns starfish (COTS). According to surveys undertaken by the Australian Institute of Marine Science, 37% of reefs

surveyed in the Cooktown-Lizard Island sector, 34% of reefs surveyed in the Cairns-Port Douglas sector, and 66% of reefs surveyed in the Innisfail sector have been affected to varying degrees by the starfish in the most recent series of outbreaks, which started in 1979.

Few comments were received on the COTS issue during the two periods of public participation. The representations generally agree with the Authority strategy to conduct research rather than trying to control numbers of starfish or to eradicate them. Out of all reef users spearfishing enthusiasts have been identified as excellent reporters of starfish activity.

USE OF RESOURCES AND ACTIVITIES IN THE MARINE PARKS

TOURISM

Tourism in the Cairns Section, particularly out of Cairns and Port Douglas, has increased significantly over recent years. As tourist numbers grow there have been increases in:

- the number, size and speed of vessels, providing quicker access to a greater number of and more distant areas for larger numbers of people;
- the use of aircraft (seaplanes and helicopters) and hovercraft; and
- the number and size of tourist structures permanently located on the reef.

When the review for the zoning plans commenced GBRMPA believed that a strategy was needed to provide for the continued growth in tourism, to manage conflicts and to ensure that a range of tourism and recreational experiences continues to be available in the Marine Park:

There was widespread public support for the management of tourism in the Marine Park.

The No Structures Subzone has been introduced and management plans will be developed as required to specify in more detail how a specific site or a group of reefs will be man-

aged and used in accordance with the relevant zoning provisions.

RECREATIONAL FISHING

Fishing is one of the most popular recreational activities undertaken in the Cairns Section and Cairns Marine Park. Line fishing, spearfishing, bait netting, crabbing, light tackle and game fishing are all popular. Apart from shore-based bait netting and line fishing, access is generally by small, privately-owned boats or by larger charter boats which primarily conduct line fishing trips.

The number of people fishing recreationally has increased dramatically in the last 10 years and catches have fallen. The major concern of recreational fishing groups is that overfishing may be taking place at some popular sites. The second most mentioned concern is that favourite sites may be closed to fishing. Several management actions including seasonal or replenishment closures and bag limits were suggested.

Other issues raised in relation to recreational fishing were:

- the use of moorings at popular anchorages to prevent anchor damage to corals;
- bag limits on recreational fishing;

- seasonal closures to protect fish during spawning season;
- allowing fishing for meals/consumption in immediate area, e.g. at anchorages;
- allowing more than one line per person (in Conservation Park Zone); most would prefer one line for drift fishing and a floating bait;
- too many reefs closed in particular areas, e.g. within 20 miles of Innisfail;
- concern about exclusive use of reefs by tourist/mariculture operations; and
- impact of recreational fishing on commercial fishing

Specific actions proposed or being undertaken by the Authority are:

1. Further liaison with Queensland fisheries management agencies will occur to consider specific management of recreational fishing.
2. One objective of the Conservation Park Zone is to allow 'limited fishing', the philosophy being to allow users of the area to 'catch a feed'. The provisions have been changed to extend this privilege to recreational spearfishing at selected sites in this zone.
3. Evaluation of the closures within the Fisheries Experimental Areas is proposed through a co-ordinated program involving the Queensland Department of Primary Industries, Queensland Department of Environment and Heritage, Australian Institute of Marine Science, James Cook University, CSIRO and the Authority. The co-operation of the commercial and local recreational fishing communities in fishing open areas (when they are open) and avoiding closed areas (when they are closed) will be sought.
4. A research program to compare the impacts of spearfishing and line fishing will be conducted. Concerned organisations and clubs will be asked to participate in

developing and implementing this program.

SPEARFISHING

In rezoning the Cairns Section of the Marine Park the relation between spearfishing and recreational fishing was a very contentious issue. Spearfishing in the Marine Park is restricted by the zoning plans and also by Queensland fisheries regulations. The restrictions ban spearfishing with underwater breathing apparatus other than a snorkel, ban spearfishing using a powerhead, ban the sale or trade of speared fish and prohibit spearfishing in certain zones or areas.

Whether spearfishing should be an allowable activity at all locations where line fishing is permitted has been debated by many user groups.

The pro-spearfishing lobby claims that spearfishing is less harmful than line fishing and therefore should be included where line fishing is allowed. Reasons given include:

- it has less impact on fish stocks because few people spearfish;
- very few people who spearfish are proficient;
- spearfishing is quite selective;
- people who spearfish only take what they need;
- spearfishing is restricted to certain areas of the reef by depth;
- spearfishing is difficult work; and
- fish have a more sporting chance.

Comments against spearfishing included the following:

- people who spearfish take any sized fish;
- people who spearfish wipe out fish populations;
- fish do not get a fair/sporting chance, especially tame fish; and
- spearfishing attracts undesirables such as sharks.

GBRMPA concluded that the public has popular misconceptions that spearfishing is dangerous and that users can catch whatever they like, whenever they like. Reports of speargun accidents are extremely rare. Due to the low numbers of participants in this activity, anglers have little to fear of speargun users depriving them of good fish. Unfortunately, a few spearfishing groups have given the sport a bad name by shooting tame fish and by occasionally making large catches during competitions. The Australian Coral Reef Society and a number of other groups have argued that because spearfishing can be more selective for particular types of fish it could have some significance at important scientific research and dive sites. This argument appears valid although it is significant only at a few sites, particularly around Lizard Island.

The zoning plan provides for spearfishing and line fishing generally to be treated identically, but spearfishing is further restricted at sites in the Conservation Park Zone.

COMMERCIAL FISHING

Commercial fishing (including trawling, trolling, demersal line fishing, netting and crabbing) is widespread throughout the Cairns Section and Cairns Marine Park. Queensland Fish Management Authority (QFMA) records show the following commercial licences: Cairns 304, Innisfail 53, Port Douglas 41, Cooktown 8. The capital value of the local fleet (vessels and licences) is **estimated at \$94m**, with a further \$6m invested in associated equipment (QFMA records).

Virtually all those who hold commercial fishing licences are members of the Queensland Commercial Fishermen's Organisation (QCFO) with the activities of the industry being managed by the QFMA and the Queensland Department of Primary Industries (QDPI).

Several industry concerns were raised in representations and at meetings between GBRMPA/DEH staff and a QCFO Liaison Committee:

- concerns about any further restrictions on

the areas available for fishing (the tourism strategy proposed initially was understood to impose major unacceptable restrictions);

- suggested amendments for gear stowage;
- allowing commercial bait netting for pelagic fish in Conservation Park Zones (like other zoning plans);
- using buffer zones to allow pelagic fishing; and
- providing adequate protection for important sea grass communities and other fish habitats.

Comments were received, particularly from recreational fishing groups, about the supposed adverse impacts of commercial fishing and the relative merits of restricting commercial or recreational fishing to the advantage of the other group. The policy of GBRMPA and of DEH is to focus on environment management issues, leaving the allocation of the available resource to practices under fisheries legislation.

The zoning plans have taken into account all available evidence to protect the resources of the Marine Parks while providing reasonable opportunity for fishing to continue. In particular, the use of sink/source data to assist in the identification of areas requiring high levels of protection and the application of broad-scale habitat protection measures have greatly strengthened the conservation basis for the zoning plans.

The Authority and fisheries management agencies are constantly reviewing the current fisheries management practices. Basic data on commercial fishing is constantly being updated and evaluated to determine if existing management practices require further refinement. Refinements can be implemented adequately through the GBRMP and fisheries regulations.

Further liaison between industry, the Authority and the relevant Queensland management agencies (QFMA, QDPI, QCFO and QBFP) is finalising amendments to gear stowage regulations for safer trawling operations.

Fishing around permanent tourist facilities may be controlled through the designation of Special Management Areas.

COLLECTING (AQUARIUM FISH, CORAL, SHELL, TROCHUS, PEARL & CLAM)

Commercial and recreational collecting permits have been issued in the Cairns Section for a variety of products including aquarium fish, shells, coral and coral sand, trochus, beche-de-mer, seasnakes, and clams.

Collecting activities are controlled by QDPI permits (for commercial activities) as well as by Marine Parks permits.

Collecting activities are usually confined to a few sites because of the specific habitats of the sought-after species and, more often, the limited means collectors have for accessing sites.

Like all activities that exploit natural stocks, management must be aware of the potential for stock depletion by collectors, particularly at localised sites.

The zoning plan addresses collecting in the following manner:

1. Amendments to the zoning plan allow, without a permit, crabbing, bait gathering, oyster gathering, and limited collecting in the General Use and Habitat Protection Zones. In addition, limited crabbing, bait gathering and limited oyster gathering are allowed in the Conservation Park Zone. Permits will continue to be required for commercial collecting and no collecting will be allowed in other zones (other than the collection of specimens for approved scientific research and by traditional inhabitants).
2. Although some sites will remain closed to fishing and collecting because priorities for conservation or tourism are higher, the zoning plan maintains reasonable opportunities for collecting. If conflict occurs, some further restrictions may be applied to fish collecting around permanent tourist

facilities through the designation of Special Management Areas.

TRADITIONAL HUNTING AND FISHING

Aboriginal people live in several localities (Cairns, Kuranda, Gordonvale, Cooktown and Mossman) adjacent to the Marine Parks.

Three Aboriginal Trust areas (Hopevale, Wujal Wujal and Yarrabah) also lie adjacent to the Cairns Section. Traditional hunting and fishing by Aboriginals or Islanders from these communities are permitted in all zones except Preservation Zones.

Where appropriate, permits for traditional hunting or fishing are issued to the community with a number of specific permit conditions (e.g. a prohibition on the use of firearms or noxious substances, a prohibition on the sale or barter of any product caught, and a request for information on any dugong or turtle caught).

Representations indicate that Aboriginal communities have the following concerns:

- zoning plans are too complex for communities to understand;
- confusion is caused by too many pieces of State and Commonwealth legislation;
- conservation of dugong and turtles should be by joint management plans between the communities and management agencies;
- the communities should be involved in managing of adjacent Marine Park areas as rangers and as members of Management Committees; and
- lack of recognition of traditional hunting/fishing areas in zoning plans; 'Aboriginal Cultural Management Zones' were suggested.

The Authority believes that the zoning plan has taken many steps to recognise the traditional rights of Aboriginal and Islander people. However, there can be no doubt that further ways to improve opportunities for traditional users of the Marine Parks must be investigated. Actions proposed by the Authority include:

- It is a requirement of the zoning plan that management plans prepared for any areas of the Cairns Section address Aboriginal and Islander heritage.
- GBRMPA and DEH will implement management programs to involve Aboriginal and Islander communities in development of management plans for dugong and turtle.
- Traditional fishing is allowed 'as-of-right' in all zones where other fishing is allowed without a permit. However, until alternative management systems can be developed traditional hunting will still require a permit in all relevant zones.
- Mission Bay adjacent to Yarrabah Aboriginal Community has been designated as an 'Aboriginal Management Area' (AMA) in the Cairns Marine Park Zoning Plan. The provisions of an AMA provide for joint management of this area. Contract employment funds have been allocated to Yarrabah Aboriginal Community by the Australian National Parks and Wildlife Service for employment of Aborigines to help prepare a management plan for Mission Bay. They will be assisted by staff from DEH. Should this approach be successful and both the community and DEH feel that this is a useful way of managing areas adjacent to communities, the approach may be adopted elsewhere.

MARICULTURE

Mariculture industries are developing and diversifying throughout the Great Barrier Reef. Some people believe the pearl nucleation industry could logically migrate to the Cairns area from Japan, with massive economic benefits to Australia. There is also the prospect of commercially viable markets for such species as giant clams and oysters. There is some possibility of cage culture of selected fish species proceeding. This industry is in very early development.

Mariculture operations have been included as a specific use requiring environmental impact assessment and management through the per-

mit system. Some operations may have other requirements under the *Environment Protection (Impact of Proposals) Act 1974*.

The zoning plans address mariculture as follows:

1. Mariculture will not be allowed in Conservation Park, Buffer, National Park or Preservation Zones.
2. The identification of areas suitable for various types of mariculture will be investigated as part of the strategic planning exercise for these two Marine Parks.
3. Despite the drawbacks of exclusive use, potentially conflicting activities such as diving and fishing around established mariculture facilities can be controlled through the designation of Special Management Areas if necessary.

DIVING

Diving is one of the most popular recreational activities undertaken in the Cairns Section of the Marine Park. Aside from private dive trips in small boats, estimates indicate that the dive-charter industry has increased four-fold in the last eight years, with more than 30 charter vessels regularly engaged by the dive industry in the Section.

Over half the total 'diver-days' undertaken in Queensland occur in the Cairns region with the greatest proportion being overseas visitors. Trends indicate an increasing growth in demand for Great Barrier Reef diving, particularly from overseas visitors.

Diving is generally seen as a non-destructive, non-extractive activity and consequently few comments against it have been received. The major concerns were that careless dive groups may damage coral or interfere with mariculture sites.

Snorkellers tend to seek a quiet, relaxed, 'no fuss' experience at the reef and are in direct conflict (they feel) with spearfishing which is

carried out in the same shallow areas. They claim spearfishing destroys the 'wilderness' feel of a snorkel tour. The Authority does not believe it is appropriate for spearfishing to be banned in all shallow waters.

The zoning plans address diving as follows:

1. Under the zoning plans, diving may take place in all public-access zones without a permit.
2. Because of their size and specific site requirements of regular commercial operations, permits are required for conduct of tourist programs.
3. Requirements for spatial separation between diving and conflicting activities will be addressed in site-specific management plans.

CAMPING

While all islands within the Great Barrier Reef Region are in the World Heritage Area, most islands in the Cairns Section and Cairns Marine Park are State lands managed by the Queensland National Parks and Wildlife Service as National Parks. A number of islands are Commonwealth owned and form part of the Great Barrier Reef Marine Park, including Rocky Island, Low Isles, Russell Island, Kent Island and part of Palfrey Island.

Camping on all islands within the Cairns Section and Cairns Marine Park whether they are owned by the Commonwealth or the State, requires the permission of the responsible agency. Where camping is appropriate, permits are issued by the DEH regional office.

NAVIGATION AIDS AND SHIPPING

Marine navigation aids (navaids) in the Cairns Section include lighthouses, unmanned lights, buoys and unlit beacons. Offshore these are required primarily for commercial shipping in coastal waters, and the Australian Maritime Safety Authority (AMSA) is responsible for their establishment, operation and maintenance.

AMSA also has responsibility for navaids in Queensland waters.

In 1990-91, more than 2000 vessel transits were recorded for the inner shipping route through the Great Barrier Reef (one-sixth of the total ship visits to Australia). Of these, some 300 transits were undertaken without a pilot. The International Maritime Organization (IMO) is concerned with the safety of shipping and the protection of the marine environment. In 1990, at the request of the Commonwealth Government, the 30th session of the Marine Environment Protection Committee of the IMO identified the Great Barrier Reef as a "Particularly Sensitive Area". The Commonwealth Government now requires ships 70 metres and over and all loaded oil tankers, chemical carriers or liquefied gas carriers to embark a pilot while navigating in the northern most section of the Great Barrier Reef and in Hydrographers Passage. This is considered the most practical means of reducing shipping accidents and the risk of serious pollution on the Great Barrier Reef.

Shipping in the Cairns Section is addressed as follows:

1. International shipping is allowed in the General Use Zone, which covers all existing shipping channels. Shipping must conform with the IMO requirements, implemented through appropriate legislation administered by Department of Transport and Communications and the Australian Maritime Safety Authority.
2. The provision of new navaids should continue to be allowed in all public-access zones. All vessels, particularly commercial ships, rely on marine navaids for safe and economic navigation through the Great Barrier Reef.
3. Because many of the navaids are on islands which have high conservation values, the Authority may need to develop strategies to ensure AMSA's requirements for servicing of navaids is addressed, with minimal

ecological impact. Installation and servicing of navigation aids are designated notifiable activities in the zoning plan.

ACTIVITIES OF THE DEPARTMENT OF DEFENCE

Four Defence Areas exist in the current zoning plans. These are declared under the *Defence Act 1903* which overrides most other Acts. Defence Areas are set aside in the Great Barrier Reef in the interests of public safety to regulate public use and entry into these areas while they are being used for the conduct of defence operations.

Most of the Defence Areas are invoked only for short periods, e.g. the Defence Area over Flora, Coates, Gibson and part of Maori Reefs is invoked for weapons testing on an average of only one day a month, and rarely for more than about 3 hours on that day. Defence Areas are designated in the zoning plans and shown in zoning maps.

EDUCATION PROGRAMS

All comments concerning 'education' addressed the need for increased and improved education of park users and specifically suggested that interpretive courses should be run by the Authority for tour operators.

Education in the Cairns Section is addressed as follows:

1. GBRMPA/DEH interpretive programs for tourist operators will be continued and extended to other user groups including local boating or fishing clubs.
2. *Limited educational programs conducted by schools or tertiary institutions, not involving taking of plants or animals, do not require a permit. Permits are required from GBRMPA for any other educational programs requiring removal of marine products.*

RESEARCH ACTIVITIES

The previous zoning plan allowed scientific research to be conducted throughout the Cairns Section. Permits were required for manipulative research, including collecting, in all zones and for non-manipulative research in all zones except General Use 'A' and General Use 'B' Zones. Under the new plan, limited research (defined as research that does not involve an activity that would otherwise require a permit in the zone) is allowed. Other research requires a permit in all zones.

In the previous zoning plan, a number of areas were set aside exclusively for research (Scientific Research Zones). The Authority considers that research needs can appropriately be addressed through the range of other zones. Therefore, the new plan has abolished the Scientific Research Zone, effectively amalgamating it with the Preservation Zone, except for the majority of the large Starcke River area which has been rezoned National Park Zone due to the frequent public use of the coastline adjacent to this zone.

SAFETY IN MARINE PARKS

The fact that an activity is allowed by a zoning plan or under a permit granted by the Great Barrier Reef Marine Park Authority does not mean that it is necessarily safe. Certain hazards exist, unexploded ordnance for example, which may curtail or otherwise affect certain activities, in particular seabed activities. Further information should be obtained from navigation charts, Notices to Mariners and the Great Barrier Reef Marine Park Authority prior to entry into the Marine Park.

Summary of representations and basis for zoning decisions

Cairns Section - Great Barrier Reef Marine Park - Pages 23 - 50

REEF IDENTIFICATION NUMBER

14-131 Decapolis Reef

SUMMARY OF COMMENTS MADE DURING THE PUBLIC PARTICIPATION PROGRAM
Zoning : Previous - SRZ. New - NP.

SUMMARY OF REPRESENTATIONS - zone PZ. Inshore reef, low-wooded island not represented in PZ - good major reefal types.

AUTHORITY COMMENTS - PZ is not appropriate as this is a significant inshore anchorage. A high level of protection is afforded by the NP zone.

BASIS FOR ZONING DECISIONS

Cairns Marine Park - Queensland National Parks - Pages 51 - 55

NUMBER OF PUBLIC COMMENTS RECEIVED.

Murdoch Point to Lookout Point Zoning : Previous - SRZ, MNP 'A'. New - NPZ, HPZ.

REPRESENTATIONS (33) 19 Marine Park, 6 MNPA, 4 MNPB, 3 leave as is, 1 GUA.

FEATURES - estuarine wetlands, seagrass beds, dugong habitat, Aboriginal sites. USE - sand mining, fishing, traditional uses, foreshore camping.

19 COMMENTS RECEIVED WANTING THE AREA TO BE A MARINE PARK

KEY FOR ZONES

Previous

- GUA = General Use A • GUB = General Use B • MNPA = Marine National Park 'A' Zone •
- MNPB = Marine National Park 'B' Zone • SRZ = Scientific Research Zone • PS = Preservation Zone

Names Proposed and not used

GU(NT) General Use No Trawling, (Similar to HPZ) • MPREC Marine Park Recreation (Similar to CPZ)

New

- GUZ = General Use Zone • HPZ = Habitat Protection Zone • CPZ = Conservation Park Zone •
- BZ = Buffer Zone • NPZ = National Park Zone • PZ = Preservation Zone • NSZ = No Structure Subzone • ECZ = Estuarine Conservation Zone •

CAIRNS SECTION - GREAT BARRIER REEF MARINE PARK

14-085 Hilder Reef

Zoning : Previous - MNPA. New - PZ/NSZ.

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - if spearfishing permitted then no changes, close 1 of 3 reefs in Cook's Passage - recreational fishing - concerned increase in commercial fishing - if PZ want buffer on each end - important anchorage and buffer.

AUTHORITY COMMENTS - Provides a representative 'Ribbon reef. This is quite a significant change and has been discussed extensively with users. It has been identified as the most acceptable additional PZ (to commercial and game fishermen) to extend 500m past reef edge. These groups, and recreational fishermen, will use Hicks Reef and other adjacent anchorages for their activities. (Refer Carter Reef also).

14-086 Hicks Reef

Zoning : Previous - MNPA. New - HPZ.

SUMMARY OF REPRESENTATIONS - allow spearfishing - zone GU or MNP not MPREC - zone NSZ - if PZ wants buffer on each end- important anchorage/buffer.

AUTHORITY COMMENTS Valuable as an anchorage and for line fishing, trolling and spearfishing. The revised zoning agrees with user comments and will permit spearfishing. MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced.

14-089 Day Reef

Zoning : Previous - MNPA. New- HPZ

SUMMARY OF REPRESENTATIONS - allow spearfishing. If not, zone 1 of 3 reefs north of Cook's Passage GU -recreational fishing

AUTHORITY COMMENTS -Valuable as an anchorage and for line fishing, trolling and spearfishing. The revised zoning agrees with user comments.

Starcke River Area Murdoch Point to Lookout Point *Zoning : Previous - SRZ. New - NPZ/HPZ/NSZ.*

14-106	Unnamed	14-107	Unnamed	14-108	Unnamed
14-124	Unnamed	14-127	Unnamed	14-129	Unnamed

SUMMARY OF REPRESENTATIONS - protect for fisheries replenishment - no commercial netting in or near estuaries - concerned zoning will affect commercial crabbing - concerned permitted dugong hunters reduce numbers of dugong - dispute area north of Cape Melville dugong habitat- breeding ground - if traditional hunting of dugong, turtle allowed, PZ important to increase areas like Starcke - Murdoch Point to Lookout Point, zoning MNP to GU(NT) not gradual enough. - Management problems not a reason not to protect area - include all seagrass beds in MNP or MPREC. No trawling in dugong habitat - protect dugong and birds - zone NSZ - ban all gill or set netting in rivers - retain PZ - recreational fishing & camping - extend MNP to include Turtle & Pethebridge - zone MPREC/NSZ & no tourist facilities - zone GUB for crab, barramundi, estuary, gillnet & bait fisheries - zone PZ to prevent overkilling of dugongs by Aborigines, outboard motors, gill & shark netting - control visitor hrs and structures. - no. structures and anchorages x 2 - extend Starcke MNP to include Pethebridge Is. and Turtle Group - provide protection for bird colonies, dugong - opposed to Starcke River area being made less restrictive - State Marine Park allows recreational activities in estuarine areas around Starcke River, incompatible with GBRMPA zoning which precludes such activities.

AUTHORITY COMMENTS - Very valuable conservation site with 20% of all known dugong in the GBR are in the Starcke area. Traditional hunting of dugong will continue to be permitted in the NPZ, but will need ongoing monitoring to determine any long-term changes in dugong numbers or population structure. The abolition of the SRZ gave a choice of PZ or NPZ for this area; due to the need to allow access to the Qld coast through a PZ and to allow traditional hunting and fishing, the NPZ is most appropriate. The revised zoning agrees with most user comments as the NPZ will protect dugong, inshore seagrass areas and birds. Limited commercial fishing (not trawling) will be permitted in the HPZ, a 100m strip south of the mouth of Starcke River; crabbing and netting are existing uses in the estuaries and rivers and are currently allowed under adjacent Qld Marine Park zoning. The location of these activities in the shallow intertidal areas means there is minimal conflict with protection of dugong.

- 14-110 Underwood Shoal Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS
- 14-111 Covered Reef Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS
- 14-112 Stewart Shoal Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS
- 14-113 Petricola Shoal Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS
- 14-114 MacGillivray Reef and Cay Zoning : Previous - MNPB/Buffer. New - NPZ/Buffer/NSZ.

SUMMARY OF REPRESENTATIONS - preserve for research -no structures at all on the reef- support increase in MNP -change proposed trolling areas -bait fishing in marlin season -zoning only for tourists -support proposed zoning -oppose trolling ban -zone NSZ

AUTHORITY COMMENTS -Proximity to Lizard Island makes this a valuable reef to protect for research and recreational diving. Trolling for pelagic species does not conflict with this use. The revised zoning agrees with user comments. The area proposed for trolling is that requested by mackerel fishing groups. NP zoning provides adequate protection for research purposes. Forms part of a fragmented cross-shelf transect of protective zonings including Starcke River area, Turtle Group, Nymph Is., Eyrie Reef, Lizard Is., MacGillivray and No Name Reefs and the Cod Hole and No 10 Ribbon.

- 14-115 Nymph Island Zoning : Previous -MNPA. New - NPZ/Buffer/ NSZ.

SUMMARY OF REPRESENTATIONS - support increased level of protection - popular for public use - important mackerel grounds - oppose trolling bans - important bait source for commercial fishing.

AUTHORITY COMMENTS -Valuable conservation site - significant site for seabirds, Torresian Imperial Pigeons and large raptors - surrounds Qld National Park - well developed platform reef with complete mangrove cover - unusual perched lagoon on low tide. A popular anchorage, especially for yachts. The revised zoning agrees with user comments by permitting trolling in the Buffer Zone. The NPZ complements the Qld National Park .Forms part of the cross-shelf transect.

- 14-116 Lizard Island. Zoning : 1983 - MNPA. New - NPZ/Buffer/CPZ/NSZ.
Palfrey Island Zoning : Previous - MNPB/Buffer. New - NPZ/Buffer/NSZ.
Seabird Island Zoning : Previous - MNPB. New - NPZ/NSZ.
South Island Zoning : Previous - MNPB/Buffer. New - NPZ/Buffer/NSZ.

SUMMARY OF REPRESENTATIONS - protect for research (Preservation/Research) - downgrade zoning to allow fishing - support increase in MNP - essential to troll in this area - game fishing operations from Lizard Island - keep NSZ/MNP/MPREC - bag limit rather than total ban - retain current zoning plan and Buffer - unfair to Island guests who like to recreational fish - object to trolling bans which affect game fishing - control mooring sites - don't agree with zoning plan that only benefits tourist operations. Stops locals camping/fishing creates conflict - closure to recreational fishing denies access for game fishing - no split zoning - rezoning will have negative impact on tourism - support Lizard Island game fishing club.

AUTHORITY COMMENTS - Additional NPZ to cover Reef Appreciation Area area at Watson's Bay and 'Cobia Hole' dive site, providing dive/snorkel sites free from line fishing pressures. Significant site for seabirds. The revised zoning agrees with user comments as it permits game fishermen to troll for bait, guests at the lodge to recreational fish and the Research Station to conduct research.The NSZ has been removed from the bays adjacent to the resort and Research Station as requested.No spearfishing is allowed in this area.

- 14-117 Gunga Shoal Zoning : Previous - GUA. New - GU NO REPRESENTATIONS

- 14-118 Eyrie Reef & Eagle Islet Zoning : Previous - MNPA.New -NP/ZBuffer/ NSZ Seasonal Closure.

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - timing of seasonal closures for birds clashes with best weather for research . Close 200m around Eagle Islet not entire reef - preserve zoning to prevent overkilling of dugongs by Aboriginals,outboard motors,gill/shark netting.

AUTHORITY COMMENTS -Proximity to Lizard Island makes it an important research site. Forms part of cross-shelf transect. Significant site for seabirds & large raptors. The revised zoning will provide improved protection for the reef.

14-119 Turtle Reef & Group Zoning : Previous - MNPB. New - NPZ/NSZ.

14-120

SUMMARY OF REPRESENTATIONS - no anchorages - good anchorage, necessary for trawlers to anchor there - recreational fishing /diving / boating sites - zoning complements buffer adjacent to mainland - no reason to change zoning plan - support zoning important for bird nesting & dugongs - extend MNP to Turtle Group.

AUTHORITY COMMENTS - Zoning is unchanged. Maintenance of NP is important for preservation of seagrass in the area. Forms part of cross-shelf transect.

14-121 Crompton Shoal Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS

14-122 Pethebridge Islets Zoning : Previous - GUA. New - GU.

SUMMARY OF REPRESENTATIONS - no structures or anchors - identified seabirds nesting sites in GU/HPZ & outside NSZ - dugong sites warrant slight zoning plan change - extend MNP to include Pethebridge.

AUTHORITY COMMENTS - Zoning is effectively unchanged. The SRZ has been abolished; PZ is the preferred zoning to maintain the integrity of research sites. Adequate protection for dugong and seabirds are afforded by the Turtle Group and Lookout Point National Park areas.

14-123 Martin Reef Zoning : Previous - MNPA. New - HPZ.

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - recreational fishing - zone PZ to prevent dugong killing.

AUTHORITY COMMENTS - MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced. The revised zoning affords an appropriate level of protection and agrees with user comments; dugong hunting allowed by permit only.

14-125 Maxwell Reef Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS

14-126 Linnet Reef Zoning : Previous - MNPA. New - HPZ.

SUMMARY OF REPRESENTATIONS- zone no anchorages & NSZ .

AUTHORITY COMMENTS - MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced. The revised zoning affords an appropriate level of protection and conflicts with user comment only to the extent that anchoring is considered an appropriate activity. Development may be allowed only with a permit.

14-128 Sim Reef Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS

14-130 Four Foot Rock Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS

14-131 Decapolis Reef Zoning : Previous - SRZ. New - NPZ.

SUMMARY OF REPRESENTATIONS - zone PZ. Inshore reef, low-wooded island not represented in PZ - good major reefal types.

AUTHORITY COMMENTS - PZ is not appropriate as this is a significant inshore anchorage. A high level of protection is afforded by the NP zone.

14-132 Rocky Islets & Reef Zoning : Previous - MNPA/Buffer. New - NPZ/Buffer/NSZ

SUMMARY OF REPRESENTATIONS - retain current zoning - support increased level of protection in new proposal - agree with proposed zoning - effect of proposal on loss of commercial line fishery/net fishery/crab fishery - important for birds.

AUTHORITY COMMENTS - Zoning is unchanged. Buffer has been retained to allow trolling.

14-133 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

- 14-134 Eye Reef** *Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS*
- 14-135 Helsdon Reef** *Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS*
- 14-137 Carter Reef** *Zoning : Previous - SRZ/ Buffer. New - PZ/ Buffer/NSZ*
 SUMMARY OF REPRESENTATIONS - keep as Preservation & Buffer - an important marlin area - preservation corrupts zones concept - retain SRZ & include Carter Reef in it - research should be discouraged - permit game fishing on outer Nth/Sth & East edges, important bait area - object to troll bans which affect game fishing - pleased with inclusion of 2 reefs to Preservation, a further tripling of proposed number of reefs recommended.
 AUTHORITY COMMENTS - Important research reef and effective and reliable source reef. Zoning is unchanged. The Draft Zoning Plan proposed PZ to the 500m line but this reef is very important for game fishing and evidence available suggests that trolling for pelagic species over the reef slope will not have significant impact on the reef communities. This use has therefore been allowed through Buffer zoning (refer Hilder Reef also).
- 14-138 Yonge Reef** *Zoning : Previous - MNPA. New - HPZ/ NSZ.*
 SUMMARY OF REPRESENTATIONS - open to GU, don't zone MPREC - research & dive sites - zone MNP with no linefishing - bait collecting.
 AUTHORITY COMMENTS - Valuable as an anchorage and for line fishing, trolling and spearfishing. The revised zoning agrees with most user comments. MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced.
- 14-139 No Name Reef** *Zoning : Previous - MNPA. New - NPZ/Buffer/NSZ.*
 SUMMARY OF REPRESENTATIONS - open to GU - good anchorage - don't zone MPREC - research zone - suggest add moorings for popular game fishing areas - zone MNP with no linefishing - large cod; used if Cod Hole overcrowded.
 AUTHORITY COMMENTS - Very important anchorage for tourism purposes. The revised zoning reflects conservation values of site, especially tame cod; Buffer allows some fishing. Forms part of cross-shelf transect.
- 14-140 Unnamed** *Zoning : Previous - Buffer. New - NPZ/Buffer/NSZ.*
 SUMMARY OF REPRESENTATIONS - very important bait/marlin site from Lizard Island.
 AUTHORITY COMMENTS - Important site for tourism (game fishing). The revised zoning agrees with user comments - Buffer allows trolling for bait and marlin.
- 14-141 Unnamed** *Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS*
- 14-142 Unnamed** *Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS*
- 14-143 Nth Direction Island and Reef** *Zoning : Previous - GUB. New- HPZ.*
 SUMMARY OF REPRESENTATIONS - require MPREC protection, one of the few areas suitable for aquaculture.
 AUTHORITY COMMENTS - Zoning provides an appropriate level of protection. Mariculture may be permitted in this zone, subject to assessment of environmental impacts.
- 14-144 Kedge Reef** *Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS*
- 14-145 Unnamed** *Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS*
- 14-146 Ribbon Reef #10** *Zoning : Previous - MNPB/GUB/Buffer. New- NPZ/Buffer/HPZ/NSZ.*
 SUMMARY OF REPRESENTATIONS - protect for research - object to MNP zoning of important bait fishing areas - suggest add moorings for popular game fishing areas - moorings useless, divers cannot

swim extra distance in current to bommie - change Cod Hole to no trolling - split zoning impractical - retain Cormorant Pass as MNP - object to trolling bans - retain buffer as permits game fishing to troll - agree with NSZ, #10 should be included - northern reefs need more protection, suggest MNP for all Ribbon #10.

AUTHORITY COMMENTS - Effective and reliable source reef. Zoning is mostly unchanged and agrees with most user comments; revision to include Cod Hole in NP zone for protection of tame cod. Forms part of cross-shelf transect.

Cormorant Pass

Zoning : Previous - Buffer. New - MNP/Buffer/NSZ.

(Cod Hole)

Zoning : Previous - Buffer. New - NPZ/NSZ.

SUMMARY OF REPRESENTATIONS - important location for bait for game fishing - fish feeding - very important diving site - install moorings - no fish feeding - recreational sailing/shell collection/spearfishing/photography/fishing - snorkel - no linefishing - redefine boundary of Cormorant Pass to the Cod Hole - install radar beacons - no large catamarans - not responsible to permit unlimited diving, but not recreational fishing and trolling - split zoning impractical - control number of visitors and structures - trial spearfishing and assess impact/conflict - recommend permanent guide to protect fauna/fish.

AUTHORITY COMMENTS - Very important site for tourism (diving). Effective and reliable source reefs. The revised zoning agrees with user comments to retain protection for the colony of large potato cod, whilst permitting trolling in the Buffer Zone. NPZ over the 'Cod Hole' provides additional protection for a popular dive site. Forms part of cross-shelf transect.

14-147 Sth Direction Island & Reefs *Zoning : Previous - MNPB/Buffer. New - NPZ/Buffer/NSZ.*

SUMMARY OF REPRESENTATIONS - support increased level of protection in new proposal - object to trolling ban - support Lizard Island Game Fishing Club - effect of proposal- loss for commercial linefish/net/crab - ban on longline within 200 miles would be more beneficial .

AUTHORITY COMMENTS - Important for conservation purposes - seabirds and Torresian Imperial Pigeons, fringe reef community type. Zoning is mostly unchanged; will provide protection for bird colonies and allow some fishing.

14-148 High Rock *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

14-149 Unnamed *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

14-150 Unnamed *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

14-151 Unnamed *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS -dive site.

AUTHORITY COMMENTS -Existing zoning maintained; user comments accommodated.

14-152 Unnamed ('Pixie Pinnacle') *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - moorings excellent, encourage in fragile locations - moorings useless as divers cannot swim extra distance - anchors do most damage - if diving allowed, recreational fishing/trolling should be - urgent priority for public moorings, not just private - object to trolling ban.

AUTHORITY COMMENTS - Very important anchorage and fishing location. Zoning is unchanged and will allow fishing to continue. Protection of small dive site from anchors and/or fishing will be provided by a Special Management Area if necessary.

14-153 Unnamed *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS -dive site.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

14-154 Ribbon Reef #9 *Zoning : Previous - MNPA. New - HPZ.*
SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - allow spearfishing - suggest add moorings for game fishing - should be included in NSZ - retain buffer.
AUTHORITY COMMENTS - Very important anchorage and fishing location. The revised zoning agrees with user comments by permitting most activities. MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced.

15-001 Ada Bank *Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS*

15-002 Two Isles & Reef *Zoning : Previous - GUB. New - HPZ/NSZ.*
SUMMARY OF REPRESENTATIONS - trolling and line fishing - should remain GU - include in NSZ to preserve - upgrade to MNP important for nesting birds - limit to medium/low tourism.
AUTHORITY COMMENTS - Significant site for Torresian Imperial Pigeons. Also a very important fishing site. While this site has important conservation values, adequate protection is provided by the National Park status of the islands and by controls through zoning and permits. A similar habitat type at Three Isles is considered to have higher conservation values and is zoned more protectively. Existing zoning is appropriate and has been retained.

15-003 Low Wooded Island *Zoning : Previous - MNPA. New - HPZ/NSZ.*
SUMMARY OF REPRESENTATIONS - recreational fishing.
AUTHORITY COMMENTS - Significant site for seabirds and Torresian Imperial Pigeons. The revised zoning agrees with user comment and provides adequate protection at this site.

Murray Reefs Area Murray Reefs to Cape Bedford *Zoning : Previous - MNPA. New - CPZ.*

15-004 Murray Reefs

15-007 Unnamed

15-008 Beor Reef

15-010 Unnamed

SUMMARY OF REPRESENTATIONS - zone NSZ and no anchorages - allow spearfishing - commercial fishing netting requested.
AUTHORITY COMMENTS - Very important area for fishing and traditional fishing and hunting.
- small area of seagrass <10% cover. Zoning is unchanged. No adverse comments were received from the adjacent Hopevale Aboriginal community. No spearfishing is allowed in this area.

15-005 Three Isles & Reef *Zoning : Previous - MNPB/Buffer. New - NPZ/Buffer/NSZ.*
SUMMARY OF REPRESENTATIONS - GU - agree with present NSZ - preserve zone to prevent overkilling of dugong by Aboriginals/ outboard motors/ gill & shark netting.
AUTHORITY COMMENTS - High conservation values - effective and reliable source reef - seabirds, raptors and Torresian Imperial Pigeons. Zoning is unchanged; conservation values will be protected.

15-006 Conical Rock *Zoning : Previous - GUA. New - GU.*
SUMMARY OF REPRESENTATIONS - zone NSZ and no anchorages x2.
AUTHORITY COMMENTS - Zoning is unchanged; information is inadequate to justify NSZ at this time. Any development would require assessment of environmental impacts.

15-009 Forrester Reef *Zoning : Previous - GUB and seasonal closure. New - HPZ.*
SUMMARY OF REPRESENTATIONS - shell collecting site.
AUTHORITY COMMENTS - Zoning unchanged. Allows collecting and fishing to continue.

15-011 Petty Patch *Zoning : Previous - GUA. New - GU.*
SUMMARY OF REPRESENTATIONS -NSZ; no structures or anchorages.
AUTHORITY COMMENTS - Zoning is unchanged; information is inadequate to justify NSZ at this time. Any development would require assessment of environmental impacts.

15-012 Boulder Reef *Zoning : Previous - GUB. New - HPZ.*
 SUMMARY OF REPRESENTATIONS - recreational fishing - Egret And Mackay are MPREC - only leaves Boulder and Osterland for spearfishing from Cooktown. Pixie Pinnacle too hard to find, - transfer MPREC from Egret to Boulder. Concern southern boats depleting trout numbers.
 AUTHORITY COMMENTS - Valuable line fishing and spearfishing area. Zoning agrees with most user comments and provides adequate protection at this site.

15-013 Egret Reef *Zoning : Previous - GUB. New - HPZ.*
 SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - allow spearing in MPREC - disallows shell collecting - should stay as is due to heavy fishing - transfer MPREC from Egret to Boulder - zone GU(NT) easy access from Cooktown - close to camping and trawling.
 AUTHORITY COMMENTS - Important area for collecting, line fishing, and spearfishing. Is an effective and reliable source reef but further protection is not considered necessary at this time. Zoning is appropriate for these uses and agrees with user comments.

15-015 Tilbrook Bank *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-016 Gull Reef *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-017 Unnamed *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-018 Pascoe Reef *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-019 Long Reef *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-020 Strickland Reef *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-021 Ribbon Reef #8 *Zoning : Previous - GUB. New - HPZ.*
 SUMMARY OF REPRESENTATIONS - #7 important anchorage - open it and close #8 - diving, spearfishing, recreational fishing.
 AUTHORITY COMMENTS - Important area for diving, line fishing, trolling and spearfishing. Zoning is appropriate for those uses and agrees with user comments.

15-022 Unnamed *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-023 Unnamed *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-024 Mackay Reefs *Zoning : Previous - GUB. New - HPZ.*
 SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - protect for research - should remain GU - effect of proposal - loss for commercial bait fishery.
 AUTHORITY COMMENTS - Important area for fishing and particularly commercial bait fishing. Effective and reliable source reef. Existing zoning is appropriate.

15-025 Harrier Reef *Zoning : Previous - GUB. New - HPZ.*
 SUMMARY OF REPRESENTATIONS - commercial dive site.
 AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

WILLIAMSON TRANSECT

15-026 Ribbon Reef #7 *Zoning : Previous - GUB. New - NPZ/ Buffer/HPZ/ NSZ.*
 SUMMARY OF REPRESENTATIONS - retain existing zoning - new proposals favour dive industry - suggest add moorings for popular game fishing sites - important anchorage - close #8 - concerned changes will exclude trolling.- important bait area - split zoning between 6&7 difficult to tell where boundary ends - game/professional fishermen concerned about removal of buffer necessary for capture of bait - close reef good for bait - northerly extension of cross-shelf transect.

AUTHORITY COMMENTS - Split zoning reflects the complexity of requirements for conservation, research and other uses at this site. Zoning of north half of reef is unchanged so anchorage is still available; south half is a northern extension of cross-shelf transect but still allows game fishermen to troll for bait in the Buffer Zone.

15-029 Unnamed 'Camel Head Reef' *Zoning : Previous - PZ. New - PZ.*

SUMMARY OF REPRESENTATIONS - objects to MNP zoning of important bait fishing areas for marlin industry - open area for 3 months (Sept. - Nov) to allow game fishing to continue.

AUTHORITY COMMENTS - Established and important Preservation Zone. Alternative bait and trolling areas are available.

15-032 Ribbon Reef #6 *Zoning : Previous - PZ/Buffer. New - PZ/Buffer/NSZ.*

SUMMARY OF REPRESENTATIONS - leave zoning plan as is - open #6 to pelagic fishery - buffer important - support Lizard Island Game Fish Club - no reason to exclude troll for pelagics.

AUTHORITY COMMENTS - Important research reef and effective and reliable source reef. Zoning is unchanged. The draft zoning plan proposed PZ to the 500m line but this area is very important for game fishing; evidence available suggests that trolling for pelagic species over the reef slope will not have significant impact on the reef communities. This use has therefore been allowed through Buffer zoning (refer Hilder Reef also). Zoning is unchanged; user comments are accommodated. In addition, the channel between Ribbons #6 & #7 is now open for vessel passage.

15-033 Lark Reef *Zoning : Previous - MNPB/Buffer. New - NPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - trolling and bait for game fishing retain buffer - good mackerel grounds - retain zoning to supply recreational fishing to surrounding reefs - retain buffer for commercial fishing.

AUTHORITY COMMENTS - Effective and reliable source reef. Zoning of Lark Reef unchanged; waters surrounding reef changed from Buffer to NP to preserve integrity of the cross-shelf transect.

15-034 Unnamed *Zoning : Previous - Buffer. New - NPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - object MNP zoning of important bait fishing areas - essential to troll in these areas - effect of proposal-loss for commercial troll fishery - recommend NP - dive site.

AUTHORITY COMMENTS - The revised zoning conflicts with most user comments, but preserves the integrity of cross shelf transect by extending southern boundary. Fishing activities can continue to the west and in the Buffer corridor.

Waters of Williamson Transect

15-035 15-036 15-037 *Zoning : Previous - Buffer. New - NPZ/Buffer/NSZ.*

SUMMARY OF REPRESENTATIONS - make Preservation area or cross-shelf Preservation Zone - don't bunch up closures like Williamson Transect - extend cross shelf to Cape Bedford - Re-zone transect to MPREC to allow current fishing to continue.

AUTHORITY COMMENTS - Revised zoning preserves the integrity of the cross-shelf transect by further protecting the PZ with a surrounding NP zone; fishing activities can continue through the north- south trolling corridor (Buffer).

15-039 Williamson Reefs *Zoning : Previous - PZ/Buffer. New - PZ/NSZ*

SUMMARY OF REPRESENTATIONS - recreational fishing - important commercial mackerel grounds - retain current zone and replenish surrounding reefs for recreational fishing.

AUTHORITY COMMENTS - Important, established PZ. Effective and reliable source reef. Zoning is mostly unchanged; fishing activities will be restricted to the Buffer corridor.

15-027 Marx Reef *Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS*

15-028 Startle Reefs *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS -recreational shell collecting site.

AUTHORITY COMMENTS - Well-served sink reef. Existing zoning maintained; user comments accommodated.

- 15-030 **Swinger Cay and Reef** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 15-031 **Pullen Reef** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 15-038 **Ribbon Reef #5** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - suggest additional moorings - preferred anchorages for game fishing.
AUTHORITY COMMENTS - An important anchorage. Well-served sink reef. Existing zoning maintained; user comments accommodated.
- 15-040 **Unnamed** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 15-041 **Unnamed** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - commercial dive site.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.
- 15-042 **Unnamed** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 15-043 **Unnamed 'Eleven Day Reef'** *Zoning : Previous - MNPA. New - HPZ.*
SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - recreational fishing - 'upgrade' to GU but close to camping & trawling with limited recreational shell collection, not commercial.
AUTHORITY COMMENTS - Well-served sink reef. Zoning changed from MNPA to HPZ as site does not require more protective zoning which could not be readily enforced; user comments accommodated.
- 15-044 **Unnamed** *Zoning : Previous - MNPA. New - HPZ.*
SUMMARY OF REPRESENTATIONS - line fishing.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.
- 15-045 **Unnamed** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 15-046 **Ribbon Reef #4** *Zoning : Previous - MNPB/Buffer. New - HPZ.*
SUMMARY OF REPRESENTATIONS - disappointed to see zoning downgraded - don't change zoning or give more protection - why change from MNP to GU(NT) - oppose trolling ban.
AUTHORITY COMMENTS - This reef is a relatively ineffective & unreliable source reef, the revised zoning provides adequate protection at this site.
- 15-047 **Unnamed** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - line fishing - shell collecting.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.
- 15-048 **Unnamed** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - line fishing.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.
- 15-049 **Unnamed** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - line fishing
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.
- 15-050 **Ribbon Reef #3** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - suggest additional moorings - preferred anchorages for game fishing.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-051 Dawson Reef Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS

15-052 Cowlshaw Reef Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS

Walker Pt - Cedar Bay

15-054 Rocky Island and Reef Zoning : Previous - GUA. New - GU.

15-055 Unnamed Zoning : Previous - GUB. New - HPZ.

15-058 Unnamed Zoning : Previous - GUB. New - HPZ.

15-059 Unnamed Zoning : Previous - MNPA (a,b,c&d). New - CPZ (a,b) NPZ (c&d).
(a,b,c&d)

15-063 Gubbins Reef Zoning : Previous - GUA. New - GU.

SUMMARY OF REPRESENTATIONS - no structures or anchorages -protect coast and fringing reefs from Snapper Island to Walker Bay - unique scenery and accessible reefs - no facilities - protect fringing reefs.
AUTHORITY COMMENTS - An important seagrass area 10 - 50% cover. Existing zoning maintained except for the area adjacent to the National Park at Cedar Bay where zoning is upgraded to NP to complement Qld NP status. HPZ/GU provides adequate protection at these sites. No spearfishing is allowed in this area.

15-057 Bee Reef Zoning : Previous - GUB. New - HPZ.

SUMMARY OF REPRESENTATIONS - zone NSZ; no structures or anchorages.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-060 Ottoway Patch Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

15-061 Stonor Patch Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

15-062 Delius Patch Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

15-064 West Hope Island Zoning : Previous - GUB. New - CPZ//NSZ

SUMMARY OF REPRESENTATIONS -no structures or anchorages -do not rezone Hope Island unless spear fishing is allowed -current zoning protects from destruction -prohibit spearfishing on Hope Island -no trawling from Hope Island to Flora Reef -proposed zoning does not allow shell collecting
-important bird nesting site -support current zoning -protect from tourists -limit camping on Weary Bay and Hope Island -important crab fishing area.

AUTHORITY COMMENTS - Frequent use by Wujal Wujal community for dugong and traditional fishing. An important anchorage, especially for fishing charter and sailing vessels. A significant site for Torresian Imperial Pigeons and large raptors. The revised zoning permits most recreational activities, but also affords protection of important conservation values. Structures are excluded by the NSZ.
CPZ for area where limited spear/line fishing can be enforced.

15-065 East Hope Island Zoning : Previous - GUB. New - CPZ/NSZ.

SUMMARY OF REPRESENTATIONS - no structures or anchorages - should remain GU - zone MPREC for protection from commercial tourists interests - allow anglers/divers - shell collecting not allowed under proposed zoning - support proposed zoning, endorse MPREC.

AUTHORITY COMMENTS - A popular charter destination. A significant site for Torresian Imperial Pigeons and large raptors. The revised zoning agrees with user comments by permitting most recreational activities, but also affords protection of important conservation values. Structures are excluded by the NSZ. CPZ for areas where limited spear/line fishing can be enforced.

Cedar Bay to Cape Tribulation

15-066 Unnamed Zoning : Previous - MNPB. New - NP.
(KangagiReef)

15-067 Unnamed Zoning : Previous - GUB. New - HPZ.
15-069 Unnamed Zoning : Previous - MNPB. New - NPZ.
16-001 Unnamed Zoning : Previous - MNPB. New - NPZ.
16-002 Unnamed Zoning : Previous - MNPB. New - NPZ.

SUMMARY OF REPRESENTATIONS - protect coast & fringing reefs to Cape Tribulation MNPB GU(NT)
- Cedar Bay to remain open to recreational fishing - no trawling in Weary Bay - change from MNP to MPREC - adequate protection from commercial fishing interests - trawlers should stay 12 miles offshore - trash fish dumped in Weary Bay increase shark numbers - Endeavour, Weary Bay, HPZ draw line from Donovan Pt to Rattlesnake Pt - don't change MNP along coast- no trawling - support NSZ
- allow Aboriginal commercial fishing in traditional waters - from Weary Bay to Snapper Island not be included in NSZ - protect from tourists, limit camping - 98 community members support MPREC for Weary Bay/Bloomfield area - Cedar Bay good anchorage /bait/shark.

AUTHORITY COMMENTS - Small area seagrass, 10 - 50% cover. Existing MNPA upgraded to NPZ to complement adjacent Qld National Park at Cedar Bay. The NSZ only extends over coastline adjacent to National Parks. However no development should be allowed without very careful consideration of environmental impacts (including visual impacts).

15-068 Lake Reef Zoning : Previous - GUA. New - GU.

SUMMARY OF REPRESENTATIONS - ban trawling - protect coast and fringing reefs- no development, tourism - Aboriginal hunting, fishing, netting grounds.

AUTHORITY COMMENTS - Existing zoning maintained; inadequate justification to restrict use further at this time.

15-070 Unnamed Zoning : Previous - GUB. New - HPZ.

AUTHORITY COMMENTS - Good sink reef. Existing zoning maintained; no user comments.

15-071 Unnamed Zoning : Previous - GUB. New - HPZ.

SUMMARY OF REPRESENTATIONS - line fishing.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-072 Unnamed Zoning : Previous - GUB. New - HPZ.

15-073 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

15-074 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

15-075 Ribbon Reef #2 Zoning : Previous - MNPA. New - NPZ/Buffer.

SUMMARY OF REPRESENTATIONS - don't change zoning or give more protection - zone MPREC to protect lagoon south end reef.

AUTHORITY COMMENTS - A popular anchorage for game fishing vessels. Well-served sink reef. The revised zoning affords a high level of protection to the reef's unusual lagoonal feature. The NPZ will protect fish nurseries, whilst the Buffer Zone permits trolling for pelagics. Discussed with gamefishermen and Qld Commercial Fishermen's Organisation.

15-076 Unnamed Zoning : Previous - GUB. New - HPZ.

SUMMARY OF REPRESENTATIONS - line fishing.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-077 Unnamed Zoning : Previous - GUB. New - HPZ.

SUMMARY OF REPRESENTATIONS - line fishing.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-078 Osterland Reef Zoning : Previous - GUB. New - HPZ.

SUMMARY OF REPRESENTATIONS - reefs adjacent to Weary Bay should have NSZ & not be closed fishing areas.

AUTHORITY COMMENTS - A well-served sink reef. Existing zoning maintained; most user comments accommodated.

15-079 Unnamed *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-080 Ribbon Reef #1 *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - diving/ spearfishing/recreational fishing - recreational aquarium fish collection.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-081 Rosser Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - zone NSZ and no anchorages - recreational fishing.

AUTHORITY COMMENTS - Existing zoning maintained; most user comments accommodated.

15-082 Emily Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - recreational shell collection - include in transect Osterland to West Hope (without GUB) would protect pearling beds off Archer Point - recreational fishing.

AUTHORITY COMMENTS - Existing zoning maintained; most user comments accommodated.

15-084 Irene Reef *Zoning : Previous - GUB and Replenishment. New - HPZ.*

SUMMARY OF REPRESENTATIONS - line fishing - shell collecting site.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-085 Lena Reef *Zoning : Previous - GUB and Replenishment. New - HPZ.*

SUMMARY OF REPRESENTATIONS - diving, spearfishing and recreational fishing site. - recreational aquarium fish collecting here.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-086 Cairns Reef *Zoning : Previous - GUB. New - HPZ/NSZ.*

15-056 Malcolm Patch

15-083 Gill Patches

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - no structures or anchorages - allow spearfishing on this reef - retain current zoning - open Cairns Reef - reef offers sheltered anchorage for good aquarium reef collection.

AUTHORITY COMMENTS - A well-served sink reef. The revised zoning agrees with some user comments by permitting most activities. MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced.

15-087 Pearl Reef *Zoning : Previous - GUB. New - HPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - objection to MNP - important bait fishing area for marlin - loss of commercial bait/line/net/crab fishery - buffer required if zoning upgraded.

AUTHORITY COMMENTS - A relatively ineffective and unreliable source reef. Existing zoning maintained; most user comments accommodated.

15-088 Ruby Reef *Zoning : Previous - GUB. New - HPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - object to MNP zoning of important bait fishing areas - prefer current zoning, allows game fishing operations - don't close, remaining reefs will be overfished - add Ruby to NSZ - proposed zoning does not allow shell collecting.

AUTHORITY COMMENTS -Existing zoning maintained; most user comments accommodated.

15-089 Endeavour Reef *Zoning : Previous - GUB. New - NPZ/Buffer/NSZ.*

SUMMARY OF REPRESENTATIONS - no structures nor anchorages - shouldn't be closed fishing areas - make MPREC not MNP - should be open to fishing and trolling - zone GU(NT) - restrict to MPREC ,no spearfishing - limit commercial fishing - leave zoning as is - no MNP - proposed zoning does not allow shell collecting - good anchorage.

AUTHORITY COMMENTS - A reliable & very effective source reef, important for mid-shelf area north of Port Douglas. The revised zoning conflicts with some user comments, but is essential to protect this important source reef. The NP and Buffer Zones will protect the source reef whilst allowing trolling in the Buffer.

15-090 Anderson Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - commercial dive site - recreational fish collecting at this site.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-091 Unnamed *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-092 Unnamed *Zoning : Previous - MNPB /Buffer. New - HPZ.*

SUMMARY OF REPRESENTATIONS - retain current zoning to allow gamefish operations - suggest closures from Jan to Aug when game boats not active - important baitfish areas for marlin industry, object to MNP zoning - open area Sept to Nov to allow gamefishing - important anchorage, zone MPREC - commercial dive site.

AUTHORITY COMMENTS - A well served sink reef. A very important site for commercial fishing. The revised zoning agrees with most user comments by permitting most activities; NP zone removed to allow better 'run' for commercial trolling and to off-set the increased protection to other nearby reefs which have much higher conservation values.

15-093 Pickersgill Reef & Cay *Zoning : Previous - GUB. New - HPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - closure of Endeavour would put pressure on Pickersgill - zone MNP & include in NSZ.

AUTHORITY COMMENTS - A well-served sink reef. Existing zoning maintained; provides adequate protection for this site.

15-094 Escape Reef *Zoning : Previous - MNPB/Buffer. New - HPZ/ NSZ.*

SUMMARY OF REPRESENTATIONS - MNP favours dive industry- object to MNP zoning of important bait fishing areas - retain existing zone - suggest additional moorings for popular game fish areas - zone MNP for protection from commercial interests - allow anglers/divers - make GUB and monitor as part of fishing experiment.

AUTHORITY COMMENTS - A well served sink reef. A very important site for commercial fishing The revised zoning agrees with some user comments by permitting most activities; NPZ removed to allow better 'run' for commercial trolling and to off-set the increased protection to other nearby reefs which have much higher conservation values.

15-095 Evening Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - subject to recreational fishing overuse due to other closed areas. - boating/swimming.

AUTHORITY COMMENTS - Adequate protection provided by existing zoning.

15-096 Agincourt Reef #4 *Zoning : Previous - MNPA. New - NPZ/Buffer*

SUMMARY OF REPRESENTATIONS - zone GU or MNP - zone MPREC - monitor change in zoning as part of fishing experiment.

AUTHORITY COMMENTS -The revised zoning has upgraded protection for tourist and conservation reasons.

15-097 Bonner Rock *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

15-098 Morning Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - shell collecting sites - reefs close to Mossman, access should be allowed.

AUTHORITY COMMENTS - Zoning unchanged; accommodates user requirements.

15-099a Agincourt Reef #3 *Zoning : Previous - MNPB/Buffer. New - NPZ/Buffer.*
SUMMARY OF REPRESENTATIONS - zone MNP - split zoning will cause confusion - have non fishing zones around tourist operations.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

15-099b Agincourt Reef #2 *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - zone MNP - split zoning will cause confusion.
AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection at this site. Included in Fisheries Experimental Area.

15-099c Agincourt Reef #1 *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - zone MNP - split zoning will cause confusion.
AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection at this site.

15-099d Agincourt Reef *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - large tourist operations to dispose sewage on land - algae overgrew coral at Agincourt 2d - whole of Agincourt should be National Park - split zoning on reef causes confusion, non-fishing area around tourist operations would be more practical.
AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection at this site.

Cape Tribulation to Cape Kimberley *Zoning : Previous - GUB/MNPA. New - CPZ/HPZ/NSZ.*

16-003 Unnamed *Zoning : Previous - MNPA . New - CPZ.*
SUMMARY OF REPRESENTATIONS - don't permit trawling between Cape Grafton & Cape Tribulation, particularly daylight trawling, destroys bait - NSZ should remain unchanged - research site - don't change MNP along coast between Cape Tribulation, Bloomfield, Cedar Bay - no trawling - don't permit Aboriginals to fish in MNP, they don't use traditional fishing methods. - give Aboriginals an exclusive area, especially Cape Tribulation/ Bloomfield - oppose NSZ because cannot put jetty in at Cape Kimberley, which is best way to transport passengers - trawling should extend to North of Daintree River - any erosion at Cape Kimberley would destroy trees on land, due to salt - trawling in 1989 caused seagrass & dead fish to be washed up on beach - trawling should be phased out in favour of prawn farm - support MNP fringing reefs North of Cape Tribulation & fringing reefs as MPREC - from Weary Bay to Snapper Island not be included in NSZ - Baileys Creek to Cape Tribulation good anchorage - allow recreational fishing Weary Bay to Cape Tribulation - allow trolling - zone from MNP to MPREC - zone Bloomfield/Cape Tribulation same as Cedar Bay.
AUTHORITY COMMENTS - Adequate protection provided by current zoning; most user comments accommodated. NSZ is only proposed for coast adjacent to terrestrial National Parks, however, no development should be allowed without very careful consideration of environmental impacts (including visual impacts). No spearfishing is allowed in this area.

16-004 Struck Island *Zoning : Previous - GUA. New - GU.*
SUMMARY OF REPRESENTATIONS - small boats need access to close inshore reefs for recreation.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-005 Black Rock *Zoning : Previous - GUA. New - GU.*
SUMMARY OF REPRESENTATIONS - small boats need access to close inshore reefs for recreation.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-006 Snapper Island *Zoning : Previous - GUB. New - CPZ/NSZ.*
SUMMARY OF REPRESENTATIONS - agree with zoning plan - NSZ should limit number of tourists visiting these areas - zone MNP or GU not MPREC - no development protect from tourism - allow spear/linefishing at Snapper Island - impossible to remove glass bottom boat each day - fishing around Snapper Island -sharks swim around boat ,trawlers dump small fish - object to zoning of Snapper - GU(NT) between Cape Kimberley and Snapper Island - proposed zoning does not allow shell collect-

ing - leave for small boat fishing - reefs should remain as are due to heavy fishing of commercial & recreational fishing. - object to NSZ, need facilities to transport passengers - prohibit commercial fishing and trawling - zone GU(NT) - give locals access, allow line or floating baits on a line, as well as trolling in MPREC - tourist operators to supply toilet facilities - good anchorage; heavily used by commercial & recreational vessels - commercial fishing for shark and mackerel.

AUTHORITY COMMENTS - The site is an important anchorage and tourist destination. CPZ will allow bait fishing and limited line/spear fishing in this location.

16-011 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

16-012 Spitfire Reef Zoning : Previous - GUB. New - HPZ.

SUMMARY OF REPRESENTATIONS - subject to overuse from recreational fishing/ spearfishing due to other closures.

AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection at this site.

16-013 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

16-014 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

16-015 Mackay Reef & Cay Zoning : Previous - GUB. New - HPZ/NSZ Fisheries Experimental Area Seasonal Closure

SUMMARY OF REPRESENTATIONS - stop camping and trawling - allow limited collecting - don't allow as much tourism as Zoning Plan proposes - don't close tourist reef to other users - support MNP & Seasonal Closures - suggest small closure on each reef, not whole reef - upgrade to GU.

AUTHORITY COMMENTS - Effective and reliable source reef. Proposed closure as part of Fisheries Experimental Area. Existing zoning maintained, with addition of NSZ to limit tourist development. Seabirds to be protected by seasonal closure area.

16-016 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

16-017 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

16-018 Unnamed Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS

16-019 St Crispin Reef Zoning : Previous - MNPA New - HPZ.

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - suggest add additional moorings - zone MNP as areas have current potential tourist attractions - split zoning St Crispin means can't navigate accurately - changes are for tourist only, locals badly treated.

AUTHORITY COMMENTS - Good anchorage & fishing site. MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced. Included in Fisheries Experimental Area.

16-020 Undine Reef & Cay Zoning : Previous - GUB. New - HPZ/NSZ Seasonal Closure Area

SUMMARY OF REPRESENTATIONS - should remain GU - don't close tourist reefs to other users - proposed zoning does not allow spearfishing - split reefs will cause confusion, non fishing zones around tourist operations more practical - support MPREC and seasonal closure - suggest small closures on all reefs, not on whole reef - Undine should not be restricted - provide anchorage for small boats.

AUTHORITY COMMENTS - Well-served sink reef and effective and reliable source reef. Existing zoning maintained; user comments accommodated. Birds will be protected by Seasonal Closure Area. Included in Fisheries Experimental Area.

- 16-021 Pratt Rock** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 16-022 Unnamed** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - zoning appreciated, important for recreational fishing.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.
- 16-023 Rudder Reef** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - recreational aquarium fish collection - recreational shell collection.
AUTHORITY COMMENTS - Well-served sink reef. Existing zoning maintained; user comments accommodated.
- 16-024 Unnamed** *Zoning : Previous - GUB. New - HPZ/NSZ Fisheries Experimental Area.*
'Chinaman Reef'
SUMMARY OF REPRESENTATIONS - zone NSZ - snorkel/diving.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated. Part of Fisheries Experimental Area.
- 16-025 Opal Reef** *Zoning : Previous - GUB. New - NPZ/Buffer/ HPZ/ NSZ*
SUMMARY OF REPRESENTATIONS - retain current zoning - important anchorage on north half for game boats, for bait/diving/snorkel - if more reefs closed, then overfishing would occur - zone GU, important bottom fishing and mackerel - zone MPREC - impractical to ban/limit fishing - proposed zoning does not allow shell collecting - closing Opal/Moore puts more pressure on other reefs - avoid oil spills by restricting or prohibiting passage of tankers through reef - support proposed zoning - support decision that Opal Reef made into MNP & NSZ - need buffer if any closure - make any changes part of fishing experiment.
AUTHORITY COMMENTS - Important for conservation. A very effective and reliable source reef. The revised split zone NPZ/HPZ accommodates all user comments. Important for game fishing.
- 16-026 Tongue Reef** *Zoning : Previous - GUB. New - HPZ*
SUMMARY OF REPRESENTATIONS - reef easily accessible by small boats, set aside for recreational fishing, subject to baglimit - zone MPREC - replenishment areas haven't been located in heavily used areas, suggest area between Sudbury & Tongue - line/bottom fishing should not be reduced further in Northern reef areas - support proposed zoning - don't forget locals live here & wish to use reef as well as tourists.
AUTHORITY COMMENTS - Well-served sink reef. Existing zoning maintained; user comments accommodated.
- 16-027 Unnamed** *Zoning : Previous - GUB. New - HPZ*
SUMMARY OF REPRESENTATIONS - zoning appreciated, important for recreational fishing - line fishing.
AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection at this site.
- 16-028 Low Isles** *Zoning : Previous - MNPB/ Buffer. New - NPZ/Buffer*
SUMMARY OF REPRESENTATIONS - agree with zoning plan - upgrade to GU but close to camping/ trawling with limited collecting - don't allow as much tourism as zoning plan proposes - trawlers should stay 12 miles offshore - Low Isles to Cooktown trawl free - re-open Low Isles to commercial bait net to benefit fishermen & tourist operators - endorse MNP, should be NSZ - protected areas should be retained free from any fish/collecting - split zone to accommodate popularity and protection.
AUTHORITY COMMENTS - This site has very high values for tourism and conservation - seabirds, large raptors, Torresian Imperial Pigeons. Site is also extremely important for capture of pelagic bait. Existing zoning maintained; but includes provision for commercial bait netting outside hours of tourist operations.

16-029 Batt Reef *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - NSZ does not cover enough closer reefs like Batt /Arlington / Flora within easy prey of tourist operators - no development here, it may cause pollution - hunting turtle & fishing sites - should be allowed access off Mossman area - should be included in NSZ
AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection at this site.

16-030 Norman Reef *Zoning : Previous - GUA. New - NPZ/Buffer.*

SUMMARY OF REPRESENTATIONS - structures do minimum damage to reef - retain current zoning - have witnessed species change due to fishfeeding - mooring installation sites encourage moorings - don't alter zoning between Norman Reef and Green Island - close fishfeeding areas to recreational fishing - object to permit conditions restricting access to Norman - pontoons at Moore/Norman good method to handle large tourist operators - oppose large development - should be MPREC - should be open to handline - new zone, suggest areas where only tour vessels can operate - proposed zoning does not allow shell collecting - support proposed zoning - Norman/Opal should be open to some fishin - upgrade to GU - close to all types of fishing - increase control of mooring sites - only permit tourist operators to fish feed.

AUTHORITY COMMENTS - A heavily used tourist destination and popular diving location with rich coral communities. A popular charter destination. The revised zoning conflicts with those comments requesting access for hand line fishing but the area's conservation and tourist values are of higher importance. The south west corner is particularly important for commercial trolling and as this only effects pelagic species it has been allowed in the Buffer Zone. The NPZ extends over the existing Reef Appreciation Area.

16-031 Satellite Reef *Zoning : Previous - GUA. New - GU.*

SUMMARY OF REPRESENTATIONS - zoning appreciated, important recreational fishing area.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-032 Saxon Reef *Zoning : Previous - GUA. New - HPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - encourage moorings - reef visited by spear fishermen from Cairns - good for aquarium fish collecting, offers sheltered anchorage in good collecting reef - should be open to handline fishing - proposed zoning does not allow shell collecting - fishing restrictions should be lifted - use Norman/Saxon Reefs as dive spots as they are not used for commercial aquarium fish collecting - remain as proposed.

AUTHORITY COMMENTS - The revised zoning agrees with user comments by providing adequate protection while allowing reasonable use. The reef has very high values for collecting and the south west corner is particularly important for commercial trolling.

16-033 Linden Bank *Zoning : Previous - GUA. New - GU.*

SUMMARY OF REPRESENTATIONS - allow spear/recreational fishing for charter boats - recreational aquarium fish collecting.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-034 Spur Reef *Zoning : Previous - GUA. New - GU.*

SUMMARY OF REPRESENTATIONS - commercial fish collecting done here - reefs off Cairns needed to work due to distance, weather, species & range.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-035 Onyx Reef *Zoning : Previous - GUA. New - GU.*

SUMMARY OF REPRESENTATIONS - commercial aquarium fish collecting - recreational aquarium fish collecting.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-036 Nicholas Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - commercial aquarium fish collecting - spearfishing.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-038 Egmont Reef *Zoning : Previous - GUA. New - GU.*
SUMMARY OF REPRESENTATIONS -fringe reefs should be GUA/B to allow spearfishing and collecting for non-boat users - rarely seen line fishing here in 39 years - heavy mud siltation has affected these reefs over last few years - recreational aquarium fish collecting here.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-040 Pixie Reef *Zoning : Previous - GUA. New - GU.*
SUMMARY OF REPRESENTATIONS - scuba diving - recreational fishing - commercial aquarium fish collecting.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-041 Jorgies Patches *Zoning : Previous - GUB.New - HPZ.* NO REPRESENTATIONS

16-042 Unnamed *Zoning : Previous - GUB.New - HPZ.* NO REPRESENTATIONS

16-043 Oyster Reef *Zoning : Previous - GUB. New - HPZ/NSZ.*
SUMMARY OF REPRESENTATIONS - open to spear fishing - zone as MPREC.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-044 Middle Cay *Zoning : Previous - GUB. New - HPZ/NSZ.*
(Vlasoff Cay)
SUMMARY OF REPRESENTATIONS - put in pristine wilderness zone - tourist operators to install mooring - commercial aquarium fish collecting - zone as MPREC.
AUTHORITY COMMENTS - Existing zoning provides adequate protection for site.

16-046 Upolu Cay *Zoning : Previous - MNPA. New - HPZ/ NSZ.*
SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - put in pristine wilderness zone - upgrade to GU - small boats should be allowed at close reefs - proposed zone benefits tourists - reef should remain as is, due to heavy commercial/recreational fishing - allow leisure fishing zones near snorkelling - very important for commercial fishing (pelagics) - allow spearfishing and aquarium fish collecting.
AUTHORITY COMMENTS - An important anchorage, fishing and collecting site. The revised zoning agrees with user comments by providing adequate protection while allowing reasonable use. MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced.

16-049 Green Island *Zoning : Previous - MNPB/ Buffer. New - NPZ/Buffer.*
SUMMARY OF REPRESENTATIONS - retain current zoning - reduce conflict between large tourist operations & recreational fishing/divers - NSZ should limit number of tourists visiting area - suggest management plan as a separate issue for discussion tourist industry - Green Island and surrounding reefs heavily used by school groups, needs all protection it can get - don't alter zoning between Norman & Green Island - concerned no limit to number of tourists who can 'trample' Green Island & number of recreational fishermen that can cluster on reef - reef used mostly by tourists and should be rotated on 6 month - yearly closure, to allow new growth - no fishing within 200m of any shoreline - fishing ban unreasonable - good anchorage for small boats - birdwatching sites - close totally to all types of fishing, available only to tourism - refuse all tourist permits, other than Michaelmas/Green Island - recommend Green Island opened & 2 others closed to replace - too many reefs closed - protect good crown of thorns starfish source reefs north of Green Island from fishing - no development at all - keep as diving area - sharks at Green Island result of fishfeeding - survey areas for sewage effects, Green Island sewage proposal not acceptable - NSZ will decrease reef damage & limit visitors - facilities should be allowed for glass bottom boats/semi-subs - should be more flexibility allowed for recreational fishing - Cairns City Council affected by MNP around Green Island - urgent priority for public mooring, not just private - tourist vessels should have associated moorings away from reef to decrease damage - change to MPREC zoning - MNP(trolling) degrades status of MNP - Green Island has been ruined, and should be left alone.

AUTHORITY COMMENTS - Very high tourism and conservation values. Existing zoning maintained; zoning caters for existing tourist operations and limited pelagic fishing activities.

16-057 Hastings Reef *Zoning : Previous - GUB. New - NPZ/Buffer/ HPZ.*

SUMMARY OF REPRESENTATIONS - permit line/bottom fishing to continue - area not heavily fished - mooring installation site - include south half in NSZ, used by small boats, permanent facilities will restrict access - all should be MPREC - no more restrictions on private recreational fishing - split zoning impractical, cannot tell where boundary ends - urgent need for public mooring - proposed zoning does not allow shell collecting - tourist operations should be more limited.

AUTHORITY COMMENTS - A heavily used destination for charter boats, popular for diving & collecting. The revised split zoning provides NPZ over the existing Reef Appreciation Area for tourist activities and allows fishing and collecting in the other half. Commercial trolling will continue in the Buffer around the NPZ.

16-058 Hope Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - effect of proposal is loss for commercial bait fishery - areas where recreational fishing takes place - used for dive/game fishing handline and fishing charters.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-059 Unnamed *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS

16-060 Michaelmas Cay & Reef *Zoning : Previous - MNPB. New - NPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - retain current zoning - include in PZ - too many tourists will affect birds, since tourism bird numbers have decreased - no commercial vessels close to sanctuary - has been no decline in birds within the past 10 months - NSZ excellent idea, removal of pontoons & glass bottom boats from NSZ will improve aesthetics of reefs - important for MNP zoning - concerned NSZ needed as landing craft better served by banning commercial operations from using grapple anchors - request revision of NSZ - Semi-subs move constantly, presume will be exempt from NSZ definition - should be some structures allowed for glass bottom boats/semi-sub - object to NSZ jeopardising Ocean Spirit operation - permit line/bottom fishing to continue - allow vessels to moor when mother ship not present - ban pontoons as m/ship fulfills purpose - Maintain protection for Reef and Cay - designate Marine Park to protect bird breeding area from tourist operators - should be changed to MPREC- have seen little impact from dive operators - most serious threat is sewage - aluminium toxicity should be investigated as a research program, is dangerous threat to fish life - would like to see one company get monopoly on certain reef & hold them responsible for its care - apply baglimit to overfished species - support long term conservation of cay - should be included in traditional hunting areas - stop Great Adventures, make Ocean Spirit honorary rangers.

AUTHORITY COMMENTS - This area has very high values for conservation and there is concern that the existing level and type of use is inappropriate. Effective and reliable source reef. A significant sea bird nesting site. A vegetated cay and representative reef habitat type. Existing NPZ maintained as it provides adequate protection for the seabird colony and NSZ will prevent undue disturbance in time. Existing operators may be issued permits to remain as non-conforming uses but the long term aim will be to ensure that the number of visitors is in accord with existing numbers in the Management Plan.

16-061 Fin Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - commercial aquarium fish collecting - diving/game fishing/ recreational fishing charters.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-062 Unnamed *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - include in MPREC, would be easily destroyed by over-exploitation - ideal sheltered area close access to Cairns.

AUTHORITY COMMENTS - Existing zoning maintained. Review did not indicate that call for greater protection could be sustained.

16-063 Euston Reef*Zoning : Previous - SRZ/ Buffer. New - PZ/Buffer/ NSZ.*

SUMMARY OF REPRESENTATIONS - too small to be any use for preservation in large area - change zoning, vessels returning to Australia aim for here - best collecting area for aquarium fish - pre 1983 - researchers say not good site - lack of comparison zone - no reason for keeping closed - extend replenishment area from Euston down to Geranium passage - zone MNP don't close totally - good idea to close Euston, curtail other closures - good major reefal types, afford utmost protection - maintain Euston & North-West.

AUTHORITY COMMENTS - This effective and reliable source reef previously had limited access as a SRZ ; the PZ will maintain this situation. The Draft Zoning Plan proposed PZ to the 500m line but this area is very important for game fishing and evidence available suggests that trolling for pelagic species over the reef slope will not have significant impact on the reef communities. This use has therefore been allowed through Buffer Zoning. The Buffer Zone should satisfy troll fishermen but must be clearly defined and publicised.

16-064 Arlington Reef*Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - concerned about overuse - need more GU areas in Cairns area - should be included in NSZ - hunting turtle & fishing sites - major reefs visited by spear fishermen - north side of Arlington should be MPREC - limit fishing as too many boats can go there - no conflict between spear/line fishing - closure of reefs as replenishment areas rubbish - Arlington needs replenishment - shells collected at Arlington.

AUTHORITY COMMENTS - Well-served sink reef and effective and reliable source reef. Existing zoning maintained; very popular reef with fishermen, collectors and mariculture operators where existing activities may continue.

16-065 Flynn Reef*Zoning : Previous - GUB. New - HPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - closure will put respondent out of business - no other reefs left for safe anchorage, where fishing possible-need access for comfort/safety - zone MNP - most used by aquarium fish collecting - concerned species found there years ago, no longer there, serious lack of small tropical fish - no possible amiable co-existence between aquarium fish collecting and divers - zone MPREC, allow limited trolling - prefer to see no spear/line fishing - would like to see spear/line fish

- should be preserved - should be MPREC or MNP, to protect dive sites.

AUTHORITY COMMENTS - Existing zoning maintained; existing users will be accommodated. However, increased protection for dive sites is not recommended at this reef - Milln and Moore are zoned NP.

16-066 Jenny Louise Shoal*Zoning : Previous - GUB. New - HPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - bottom fishing/ spearfishing/ mackerel and scuba - recreational aquarium fish collecting - commercial aquarium fish collecting .

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

16-067 Milln Reef*Zoning : Previous - GUB. New - NPZ/Buffer/ NSZ.*

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - retain access for aquarium fish collecting - zone MNP, have current/potential tourist attraction - open to spear fishermen, consider small boats - open to full recreation use - open & close to prevent overfishing - prefer to see no spear/line fishing - marked decrease in maori wrasse due to fishing.

AUTHORITY COMMENTS - An important dive location with good visibility . A popular charter destination. The revised split zoning will afford protection to a popular dive site in the NPZ and allows fishing in the Buffer Zone.

16-068 Thetford Reef*Zoning : Previous - GUB. New - HPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - important reef for collecting of species - retain access for aquarium fish collecting - allow spearfishing in MPREC - do not agree with proposed zoning - Thetford least used by aquarium fish collecting - permit spear fishing - reefs should

remain as they are - close Milln/Flynn & Thetford for next 5 years or open all reefs - zone MNP.
AUTHORITY COMMENTS - Existing zoning maintained; access retained for fishing and collecting.

16-069 Baines Patches *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - commercial aquarium fish collecting - recreational aquarium fish collecting - 1kg sportfishing.
AUTHORITY COMMENTS - Existing zoning maintained; access retained for fishing and collecting.

16-070 Pellowe Reef *Zoning : Previous - GUB. New - HPZ/NSZ.*
SUMMARY OF REPRESENTATIONS - commercial fishing site.
AUTHORITY COMMENTS - Existing zoning maintained; access retained for fishing and collecting.

16-071 Moore Reef *Zoning : Previous - MNPA. New - NPZ/Buffer/HPZ .*
SUMMARY OF REPRESENTATIONS - facilities do minimum damage - zone MPREC with seasonal closures and baglimits rather than close reef - would prefer MPREC than MNP - if structures have proper moorings, no damage done to reef - Moore Reef close to Cairns, should be open for recreational fishing - pontoons at Moore/Norman good method to handle large operators - zone GU or MPREC - add to NSZ - the closer reefs to which smaller boats have access are most restricted - changes all for tourist operators, locals treated badly - should not be closed to fishing - zone MPREC.
AUTHORITY COMMENTS - An effective and reliable source reef. Split zoning indicates complex management requirements for conservation, diving and snorkelling and other uses. The revised zoning agrees with user comments by using split zoning to accommodate recreational fishing, spearfishing and tourist operations.

16-072 North West Reef *Zoning : Previous - PZ/Buffer. New - PZ/NSZ.*
SUMMARY OF REPRESENTATIONS - retain PZ - too small to be any use for preservation in large area - limited scad grounds for Cairns boats - trolling zone required - vital for bait/diving - buffer zone important - concerned removal of buffer, necessary for capture of bait.
AUTHORITY COMMENTS - The Buffer is removed from the revised zoning to preserve the integrity of the PZ.

16-073 Elford Reef *Zoning : Previous - GUB. New - HPZ/NSZ.*
SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - leave Elford open - NSZ - no structures or anchorage - retain for aquarium fish collecting - keep current zone - proposed zoning does not allow shell collecting - no conflict between spear/line fishing - spearfishing should be allowed in MPREC - tourist operators should be limited, changes all for them - where there are pontoons reefs are dying.
AUTHORITY COMMENTS - Existing zoning maintained with addition of NSZ; user comments accommodated.

16-074 Briggs Reef *Zoning : Previous - GUB. New - HPZ/NSZ.*
SUMMARY OF REPRESENTATIONS - zone NSZ - spear fishing/line fishing.
AUTHORITY COMMENTS - Existing zoning maintained with addition of NSZ; user comments accommodated.

16-075 Channel Reef *Zoning : Previous - MNPB/ Buffer. New - HPZ/ NSZ.*
SUMMARY OF REPRESENTATIONS - retain buffer for pelagics - open for aquarium fish collecting - retain as MNP for tourism diving - permit game fishing - important bait area - limited scad grounds for game fishing - allow trolling - diving, photography, spear fishing, snorkelling - don't make PZ - good anchorage - zone MPREC - difficult to determine split zone - leave closed due to heavy commercial and recreational fishing - open reef as part of rotating scheme - new dive site.
AUTHORITY COMMENTS - The revised zoning agrees with user comments by permitting most activities; NP zoning removed as reef is an ineffective source reef. Euston and North West Reefs are still closed to aquarium fish collecting. GU at Channel Reef provides an outer reef site for this activity.

- 16-076 Unnamed** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 16-077 Unnamed** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 16-078 Unnamed** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 16-079 Outer Shoal** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 17-001 Sudbury Reef** *Zoning : Previous - GUB. New - HPZ/NSZ.Seasonal Closure (Sudbury Cay)*
SUMMARY OF REPRESENTATIONS - concerned about overuse of Sudbury; may need more GU reefs in Cairns section - sportfishing from Sudbury Reef to Geranium Passage - replenishment areas haven't been located in heavily used areas, suggest between Sudbury & Tongue - recreational fishing from Cooktown to Sudbury - retain current zone - Sudbury should be NSZ - would like Sudbury Cay & surround protected due to birds breeding & nesting - shell collecting done at Arlington & Sudbury Reefs.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated. Seabirds will be protected by Seasonal Closure Area around cay. NSZ extends over the part of the reef not currently used for mariculture.
- 17-002 Stagg Patches** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS -reefs occasionally visited from Cairns for spearfishing.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.
- 17-003 Hervey Shoal** *Zoning : Previous - GUB. New - HPZ.* NO REPRESENTATIONS
- 17-004 Scott Reef** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - have seen no increase in boats at Gibson/ Maori/ Scott/Hedley - Mackerel/commercial fishing/coral collecting at Hastings/Scott - general line fishing and trolling for pelagic species.
AUTHORITY COMMENTS -Existing zoning maintained; fishing and collecting access retained.
- 17-005 Stevens Reef** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - retain current zoning - don't agree with replenishment area out from Russell Heads.
AUTHORITY COMMENTS -Existing zoning maintained; fishing and collecting access retained.
- 17-006 Maori Reef** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - don't close all reefs in one area - no other destination for small boats - believe in closure for 3 years but not for 5 years, proposed 6 closures will cause other reefs to be overfished - leave inshore areas open for recreational fishing - retain current zoning - have not seen increase in boats from Russell Heads - closure of reefs as replenishment areas rubbish - other reefs need replenishment,(Arlington) - why not close reefs off Cairns - close Ellison/Adelaide, open rest.
AUTHORITY COMMENTS -Existing zoning maintained; fishing and collecting access retained.
- 17-007 Bond Reef** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - line fishing site.
AUTHORITY COMMENTS -Existing zoning maintained; fishing and collecting access retained.
- 17-008 Noggin Reef** *Zoning : Previous - GUB. New - HPZ.*
SUMMARY OF REPRESENTATIONS - retain current zoning - short term closures more effective - close 2 of the 5 reefs proposed at any one time - concerned about impact on open reefs if others closed for replenishment.
AUTHORITY COMMENTS -Existing zoning maintained; fishing and collecting access retained.

FRANKLAND ISLANDS AREA

(North) **High Island** *Zoning : Previous - GUB. New - HPZ/NSZ.*

17-009 (Tobias Spit)

SUMMARY OF REPRESENTATIONS - research & scuba sites - proposal acceptable - only area where local small boats can catch mackerel safely - reefs previously opened but now closed to mariculture - popular anchorage for commercial fishing vessels - don't make MPREC - zone GUB to allow unrestricted line fishing and spearfishing - important for pelagics.

AUTHORITY COMMENTS - Small area of seagrass < 10% cover - protected by zoning. Existing zoning maintained; fishing and collecting access retained.

(South) **Normanby Island** *Zoning : Previous - GUB. New - NPZ/NSZ.*

17-012a Mabel Island

Grange Rock

17-012b **Jones Patch** *Zoning : Previous - GUB. New - CPZ/NSZ.*

SUMMARY OF REPRESENTATIONS - MNP, NSZ provisional for 3 years to study impact - support proposed zoning - loss for commercial bait fishery / crab fishery/line fishery - MNP zoning good - retain current zoning - area should stay open due to lack of important coral types - allow limited linefishing, spear fishing/collecting should not be allowed - most recreation zones are accessible, above activities would put pressure on them - reefs previously open but now closed to mariculture - should remain as are due to heavy fishing of both commercial and recreational fishing - Frankland Island & Jones Patch between Normanby and Russell should not be included in no fishing zone.

AUTHORITY COMMENTS - Area has very high values for nature conservation and recreation, including limited fishing. The revised zoning provides complementary NP zoning around Qld National Park islands and existing tourism sites and allows limited line and spearfishing in the CPZ.

17-013 **Round Island** *Zoning : Previous - GUB. New - CPZ/NSZ.*

(see also Russell Is.)

SUMMARY OF REPRESENTATIONS - MNP zoning good - Round and Russell Island reefs/waters to be GU(NT) and NSZ - all around Franklands zone MPREC - area where boats can go safely - should remain as are due to heavy fishing of commercial and recreational fishing.

AUTHORITY COMMENTS - Area has very high values for nature conservation and recreation, including limited fishing. The revised zoning has been upgraded to CPZ which will still allow limited line and spear fishing.

17-013 **Russell Island** *Zoning : Previous - GUB. New - CPZ/ NPZ/NSZ*

(see also Round Is.)

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - object to large tourist operators over-riding locals - locals concerned they have been denied access to island but tourist operators allowed - leave as MPREC, baglimit instead of closure - no bushwalking around island while pigeons nesting/residing - too many tourists trampling coral - important to bait fish west of Russell Island - one of few fresh bait areas left. - zone west side MPREC to allow bait fishing - zone MNP on fringing reefs, MPREC surrounding Islands - Round and Russell to be GU(NT) and NSZ - support proposed zoning - allow castnetting for bait in MNP to NE of Russell Island.

AUTHORITY COMMENTS - Area has very high values for nature conservation and recreation, including limited fishing. The revised zoning agrees with user comments by permitting most recreational activities, including limited spearfishing.

17-010 **Flora Reef** *Zoning : Previous - MNPA. New - HPZ.*

SUMMARY OF REPRESENTATIONS - Flora should be included in NSZ - don't change zoning, or give more protection - don't close all reefs in one area - no other destination for small boats - believe in closure, for 2 years, not proposed 5 years - proposed close 6 reefs at Innisfail, this will outfish 2 proposed sections - changes restrict access to line fishing, dangerous for small boats having to go out further - retain current zone - trolling at Flora - no trawling from Hope Island to Flora Reef - closure for replenishment rubbish - retain current zone - should be included in NSZ - concerned about closure of reefs south of Cairns - impact on open reefs major - why not close reefs off Cairns - no change to north

section (Flora Reef) - leave Elford open, close Flora - should remain GU.

AUTHORITY COMMENTS - Well-served sink reef. The revised zoning agrees with user comments by permitting most activities; MNPA changed to HPZ as site does not require more protective zoning which could not be readily enforced.

17-011 Coates Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - don't close all reefs in one area - popular spots from Deeral Landing. - believe in closure for 3 years not 5 years - trolling done here - retain current zoning - don't agree with replenishment areas from Russell Heads - concerned about extensive closure, impact on reefs open would be major.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-014 Hedley Reef *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - retain closure - retain current zoning - don't change - zone MNP.

AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection for this site.

17-015 Jackson's Patch *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS- retain current zoning don't change - don't close reefs from Russell Heads, small boats cannot go to outer reefs.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-016 McCulloch Reef *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - closure would replenish area - retain current zoning - have not seen increase in number of small boats - reefs off Cairns under pressure from fishing/ tourism - propose replenish area, suggest greater protection needed - zone MNP.

AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection for this site.

17-017 Gibson Reef *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - sportfishing from Sudbury, to Geranium Passage, more emphasis placed on Scott to Gibson - closure to consider impact on users - believe in closure for 3 years but not 5 years as proposed - proposed changes to reefs restrict access to line fishing - popular reefs from Russell Heads when ESE winds - changes mean going out further, dangerous - trolling done here - close to coral trout catching, end Sept to end of November each year - concerned about extensive closure South of Cairns - impact on reefs open would be major - why not close reefs off Cairns.

AUTHORITY COMMENTS - Well-served sink reef. Existing zoning maintained; user comments accommodated.

17-018a Howie Reef *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - closures to consider impact on users - proposals will wreck Howie Reef - agree with closure area - allow for build up of stocks - closure around Sisters/Taylor Cay to allow undisturbed seabird nesting.

AUTHORITY COMMENTS - Well-served sink reef. Existing zoning maintained; most user comments accommodated.

17-018b Arthur Patches *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - line/spearfishing in area - shell collecting/ diving/ camping sites.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-020 Unnamed *Zoning : Previous - GUB. New - HPZ* NO REPRESENTATIONS

17-021 Unnamed *Zoning : Previous - GUB. New - HPZ* NO REPRESENTATIONS

17-023 Cayley Reef *Zoning : Previous - GUB. New - HPZ/NSZ*

SUMMARY OF REPRESENTATIONS- NSZ - no structures or anchorages - coral harvest from this reef

will supply 80% Pocillopora damicornis for unlimited time - irate proposal to rezone from GUB to MNP - feel based on misinformation - coral formations not unique here - if spear/recreational fishing threaten reef, retain GUB & implement short term closures/baglimits, not MNP zoning - if rezoned MNP seek compensation for commercial coral losses - plead to have long-term leases available - proposed zoning disallows shell collecting - change MNP from Cayley to Feather - change NSZ from Cayley to Wardle - NSZ supported - if southern replenishment area proceeds, open Cayley and Wardle.
AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-024 Peart Reef Zoning : Previous - GUB. New - HPZ/NSZ.

SUMMARY OF REPRESENTATIONS - NSZ - no structures nor anchorages - support NSZ - reefs easily accessible in bad weather.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-025 Unnamed Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS

17-026 Unnamed Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS

17-027 RAAF Shoal Zoning : Previous - GUA. New - GU.

SUMMARY OF REPRESENTATIONS- recreational aquarium fish collection in these areas.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-028 Publican's Shoals Zoning : Previous - GUB and Replenishment. New - HPZ.

17-030

SUMMARY OF REPRESENTATIONS - recreational aquarium fish collection in these areas.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-029 Mustard Patches Zoning : Previous - GUA. New - GU.

SUMMARY OF REPRESENTATIONS - recreational aquarium fish collection in these areas.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-031 Unnamed Zoning : Previous - GUB. New - HPZ NO REPRESENTATIONS

17-032 Wardle Reef Zoning : Previous - MNPB/ Buffer. New - HPZ.

SUMMARY OF REPRESENTATIONS - MNP zone for both Cayley/ Wardle, too close together - recreational fishing pushed to outer reef - zone preservation to ensure safe spawning - open to spearfishing - retain MNP - support NSZ - change NSZ from Cayley to Wardle.

AUTHORITY COMMENTS - Zoning changed from MNPB to HPZ as this site is important for recreational and commercial fishing and is difficult to patrol and enforce. HPZ provides adequate protection at this site. Other offshore reefs ; Euston, North West and Barnett Patches (Central Section) have much higher values and management effort will focus on these reefs.

17-033 Unnamed Zoning : Previous - GUB. New- HPZ. NO REPRESENTATIONS

17-034 Feather Reef Zoning : Previous - GUB. New - HPZ/NSZ.

SUMMARY OF REPRESENTATIONS - recreational linefishing /shell collecting/ diving/aquarium fish collecting & research site - proposed closure inappropriate for recreational fishing - zone MNP and NSZ.

AUTHORITY COMMENTS - Existing zoning maintained; adequate protection for this site.

17-035 Nathan Reef Zoning : Previous - GUB. New- HPZ.

SUMMARY OF REPRESENTATIONS - zone NSZ - recreational aquarium fish collecting - proposed closure impact adversely remaining reefs - make replenishment area preservation zone for fisheries replenishment - coral trout and mackerel fishing - commercial coral operation ignored - proposed closure will force recreational fishing to outer reefs.

AUTHORITY COMMENTS - Well-served sink reef. Existing zoning maintained; provides adequate protection for this site.

17-037 Hall-Thompson Reef *Zoning : Previous - GUB and Replenishment. New - HPZ.*

SUMMARY OF REPRESENTATIONS - recreational fishing - replenishment area - spearfishing/diving/boating - proposed closure will force recreational fishing to use outer reefs - proposed closure impacts adversely on open reefs.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-038 Surprise Shoal *Zoning : Previous - GUB. New - HPZ* NO REPRESENTATIONS

17-041 Goudge Bank *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - don't close to recreational fishing, reefs not over fished - zone NSZ - object to spearfishing - many boats fish from Innisfail, need close access to reefs.

AUTHORITY COMMENTS - Existing zoning maintained. User comments generally accommodated, although NSZ has not been applied due to inadequate justification at this time. Any proposal for development would require assessment of environmental impacts.

17-042 Adelaide Reef *Zoning : Previous - MNPA New - HPZ*

SUMMARY OF REPRESENTATIONS - recreational fishing - boating/spearfishing - retain replenishment and MNPA - proposed closure will force recreational fishing to outer reefs - proposed closure impacts adversely on open reefs - include in transect eg: Barnards to Ellison.

AUTHORITY COMMENTS - The revised zoning agrees with user comments by permitting most activities; MNPA removed as site does not have values requiring increased restrictions and current limits on fishing are not readily enforced.

BARNARD ISLANDS AREA

17-043 (North Barnards) *Zoning : Previous - GUB. New - CPZ/ HPZ/ NSZ*

Breshnahan Is *Zoning : Previous - GUB. New - CPZ/ HPZ/ NSZ*

Jessie Is *Zoning : Previous - GUB. New - CPZ/ HPZ/ NSZ*

Hutchinson Is *Zoning : Previous - GUB. New - CPZ/ HPZ/ NSZ*

Kent Is *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - zone GU(NT) - permit spearfishing - zone NSZ - no tourism , zoning favours tourism and creates conflict - recreational fishing / camping /snorkelling / boating - trolling, driftfishing - diving, bait netting / recreational aquarium fish collecting - no trawling or commercial fishing - include in transect eg: Barnards to Ellison - exclude Kent Island from NSZ (defence purposes) - if include Kent in NSZ keep free from infrastructure - MPREC & NSZ affects Johnstone Shire Council - zoning places pressure on King Reef - proposed zoning disallows shell collecting - proposed zoning loss for commercial netting - Lindquist/Kent not suitable for aquaculture - if tourism permitted, should provide facilities eg: toilets - proposed clam farm adversely affects locals - Kent/Lindquist subject to pressure from spearfishing if proposed zoning proceeds - seasonal closure - important for commercial netting /shark & grey mackerel - several islands are Nat Parks - important seabird & Torresian Imperial Pigeon location; ensure seasonal closure.

AUTHORITY COMMENTS - Very important area for recreational activities. Area is within Cowley Beach firing range (Dept of Defence). A considerable seagrass area, but all <10% cover. A significant site for seabirds and Torresian Imperial Pigeons. The revised zoning accommodates all user comments; Kent Island zoned HPZ reflecting both military use and importance for recreational activities. Both of these uses, must be given consideration if assessing any applications for use that may conflict.

17-045 Unity Reef *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - recreational aquarium fish collecting in these areas.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-046 (South Barnards) Stephens Island, Sisters Island & Reef *Zoning : Previous - MNPA. New - NPZ/Buffer/ NSZ Seasonal Closure*

SUMMARY OF REPRESENTATIONS - retain current zoning - zone NSZ - no trawling, tourism - no trawling nor commercial fishing - recreational fishing - popular local spot - camping - spearfishing - diving - bird watching/ boating/ trolling /bait netting/recreational aquarium fish collecting - if tourism permitted, facilities should be provided - zone MPREC to allow oyster gathering - seasonal closure for Sisters Island for bird nesting - reef walking damage - proposed zoning affects commercial bait/crab/ linefishery - not good anchorage - seasonal closure for spawning.

AUTHORITY COMMENTS - Both islands are Qld National Parks. A small seagrass area with <10% cover. A significant seabird site. The revised zoning allows trawlers in- between North and South Barnards but outside Cowley Beach area. The revised zoning agrees with most user comments ; NSZ will not allow development, seasonal closure will provide protection for seabirds, and NP zoning surrounds the two Qld National Park islands.

17-048 King Reef *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS - recreational fishing - recreational diving/shell collecting/snorkelling/photography/ aquarium fish collecting - spearfishing - seabird sites and bird watching - extend GU(NT) to coast. Trawlers disturb mackerel grounds - close 1/3 reef, mark with buoys - no trawling line/ spearfishing for 5 years - prohibit traditional hunting, dugong nearly extinct.

AUTHORITY COMMENTS - A small area of seagrass with 10-50% cover. Existing zoning maintained; provides adequate protection for this site.

17-044 Ellison Reef *Zoning : Previous - GUB/ Replenishment. New - HPZ*

SUMMARY OF REPRESENTATIONS- no spearfishing - don't close, popular for local boats - crabbing - spearfishing - snorkelling - photography - zone NSZ - coral trout sitting ducks from spearfishing - boating - good major reefal types.

AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection for this site.

17-047 Eddy Reef *Zoning : Previous - GUB. New - HPZ*

SUMMARY OF REPRESENTATIONS -zone NSZ -don't close, popular local reef -recreational fishing - boating.

AUTHORITY COMMENTS - Existing zoning maintained; provides adequate protection for this site. Included in Fisheries Experimental Area.

17-051 Beaver Reef *Zoning : Previous - MNPB/ Buffer. New - NPZ/Buffer/ NSZ Seasonal Closure.*

SUMMARY OF REPRESENTATIONS - retain closure - zone NSZ - no anchorage, facilities - zone preservation for spawning - recreational fishing - snorkelling - closure for nesting season - good anchorage - diving/photography/spearfishing - reef walking/birdwatching - boating - mark reef limits with buoys - urgent priority for public mooring - split zoning MNP/MPREC, NSZ inappropriate.

AUTHORITY COMMENTS - Area has very high values for recreation, limited tourism and conservation of reefal communities and sea birds. Existing zoning maintained, with addition of NSZ and seasonal closure area for protection of seabirds; user comments are accommodated. Included in Fisheries Experimental Area.

17-057 Gilbey Reef *Zoning : Previous - GUB. New - HPZ.*

SUMMARY OF REPRESENTATIONS - coral trout and mackerel fishing - recreational aquarium fish collecting. - proposed closure force locals to outer reefs.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated.

17-058 Unnamed *Zoning : Previous - GUA. New - GU. NO REPRESENTATIONS*

17-059a Potter Reef *Zoning : Previous - GUB. New - HPZ.*
b Horseshoe Shoal

SUMMARY OF REPRESENTATIONS - spearfishing, camping, recreational fishing, - snorkel sites - reef fishing, coral trout and mackerel- this reef can only be fished in calm weather due open water and distance from Innisfail.

AUTHORITY COMMENTS - Existing zoning maintained; user comments accommodated. Included in Fisheries Experimental Area.

17-060 Unnamed *Zoning : Previous - GUB. New - HPZ. NO REPRESENTATIONS*

17-061 Unnamed *Zoning : Previous - GUB. New - HPZ NO REPRESENTATIONS*

17-062 Unnamed *Zoning : Previous - MNPB/ Buffer. New - HPZ/ NSZ*
(Shark Reef/ Noreaster)

SUMMARY OF REPRESENTATIONS - retain closure - zone NSZ - research site - boating/snorkelling/ diving - monitor changes in zoning as part of fishing experiment.

AUTHORITY COMMENTS - An ineffective & unreliable source reef. MNPB zoning changed to HPZ as site does not have high conservation values requiring more protective zoning and is difficult to patrol and enforce.

17-063 Farquharson Reef *Zoning : Previous - MNPA. New - HPZ/ Fisheries Experimental Area.*

SUMMARY OF REPRESENTATIONS - zone GU or MNP not MPREC - define reef boundaries with buoys - zone NSZ - linefishing /recreational fishing - snorkelling.

AUTHORITY COMMENTS - MNPA removed as will be closed for 5 years during proposed fishing experiment (swapped with Taylor). This was discussed and accepted by groups with commercial and recreational fishing interests. The revised zoning agrees with user comments by permitting recreational activities.

17-064 Taylor Reef *Zoning : Previous - MNPA. New - HPZ/ NSZ Fisheries Experimental Area.*

SUMMARY OF REPRESENTATIONS - install buoys to mark reef boundaries - zone NSZ - zone preservation for spawning - recreational fishing - snorkelling - boating/diving - close for nesting season - zone MNP/MPREC - split zoning - loss of commercial bait/crab/line fishery.

AUTHORITY COMMENTS - A significant seabird site. The revised zoning agrees with user comments by permitting both commercial and recreational fishing (not trawling). Provision is also made for seasonal closure during bird nesting. The area will be closed for 5 years during proposed fishing experiment (swapped with Farquharson). This was discussed and accepted by groups with commercial and recreational fishing interests.

CAIRNS MARINE PARK - INSHORE AND ESTUARIES AREAS

Murdoch Point to Lookout Point *Zoning : Previous - SRZ, MNPA. New - NPZ, HPZ.*

REPRESENTATIONS (33) - 19 Marine Park, 6 MNPA, 4 MNPB, 3 leave as is, 1 GUA.

FEATURES - estuarine wetlands, seagrass beds, dugong habitat, Aboriginal sites. USE - sand mining, fishing, traditional uses, foreshore camping.

Starke River and estuaries *Zoning : Previous - MNPA, GUB. New - HPZ.*

REPRESENTATIONS (33) - 19 Marine Park, 6 Marine Rec, 4 Marine Nat, 3 leave as is, 1 GUA.

FEATURES - estuarine wetlands, mangrove habitat, dugong habitat, fish nursery, Aboriginal sites. USE - boat shelter, comm & recreat fishing, traditional fishing.

Lookout Point to Cape Flattery *Zoning : Previous - Not in Marine Park.*

New - HPZ. Harbour area excluded from Marine Park.

REPRESENTATIONS (1) - 1 Marine Park.

FEATURES - sandy beaches, seagrass beds, Aboriginal sites. USE - declared harbour, traditional and commercial & recreational fishing, sand mining.

Cape Flattery to Murray Reef *Zoning : Previous - Not in Marine Park.*

New - GUZ. Harbour area excluded from Marine Park.

REPRESENTATIONS (22) - 13 Marine Park, 4 Marine Park, 2 MNPB, 3 leave as is.

FEATURES - sandy beach, rocky headland, scenic value, Aboriginal sites. USE - commercial fishing, (offshore) sand mining, traditional use.

Murray Reef to Cape Bedford incl. McIvor River

Zoning : Previous - MNPA, GUB. New - CPZ, HPZ.

REPRESENTATIONS (23) - 17 Marine Park, 3 MNPB, 3 MNPA.

FEATURES - sandy beach, seagrass beds, estuarine wetlands, mangroves, Aboriginal sites. USE - traditional use.

Cape Bedford to Monkhouse Point *Zoning : Previous - Not in Marine Park. New - GUZ.*

REPRESENTATIONS - DEH initiative to complement GBRMPA and scenic qualities.

FEATURES - rocky headland, sandy beaches, dune systems, Aboriginal sites. USE - traditional use, commercial fishing, township, tourism & recreation.

Endeavour River

Zoning : Previous - upper reaches MNP A, lower reaches GUB. New - CPZ, ECZ.

REPRESENTATIONS (32) - 18 Marine Park, 6 MNPA, 3 MNPB, 5 leave as is.

FEATURES - estuarine wetlands, crocodile habitat, National Park heritage value. USE - recreation mooring facility, recreational fishing, heritage.

Monkhouse Point to Draper patch incl. Walker Bay

Zoning : Previous - Not in Marine Park GUB.

New - GUZ, ECZ.

REPRESENTATIONS (2) - 2 Marine Park.

FEATURES - seagrass beds, National Park, dugong habitat. USE - commercial & recreational fishing, mariculture.

Annan River & Esk River

Zoning : Previous - Annan River not in Marine Park, Esk River GUB. New - ECZ.

REPRESENTATIONS (25) - 16 Marine Park, 3 MNPA, 2 MNPB, 3 leave as is, 1 GUB.

FEATURES - extensive estuarine wetlands and salt pans. USE - commercial & recreational fishing.

Walker Point area

Zoning : Previous - GUA. New - GUZ.

NO REPRESENTATIONS.

FEATURES - headlands and embayments. USE - commercial & recreational fishing.

Walsh Bay to Forsberg Point

Zoning : Previous - GUB. New - HPZ.

NO REPRESENTATIONS.

FEATURES - vegetated headlands and embayments. USE - commercial & recreational fishing.

Forsberg Point to Rattlesnake Point incl. Cedar Bay

Zoning : Previous - MNPA, MNPB.

New - CPZ, NPZ (Cedar Bay).

REPRESENTATIONS (19) - (Cedar Bay) 9 Marine Park, 4 MNPB, 3 MNPA, 3 leave as is.

FEATURES - headlands and Cedar Bay National Park, Aboriginal sites. USE - foreshore camping, recreational fishing, nature appreciation, traditional use.

Rattlesnake Point to Bloomfield River Weary Bay includes Gap Creek Bauer Inlet Fritz Creek

Zoning : Previous - GUB across creeks and rivers at high tide. Gap and Fritz Ck, Beaver Inlet not in Marine Park. New - GU, HPZ, CPZ.

REPRESENTATIONS (29) -12 Marine Park, 2 MNP 'B', 10 MNP 'A', 2 GUB, 3 GUA.

FEATURES - inshore reefs, seagrass beds, mangroves estuarine, wetlands bird habitat, sandy beaches, Aboriginal sites. USE - recreational & commercial fishing, foreshore camping, traditional uses.

Bloomfield River estuary

Zoning : Previous - Not in Marine Park. New - CPZ.

NO REPRESENTATIONS.

FEATURES - mangroves croc. habitat, bird habitat. USE - recreational fishing, anchorage, tourism, traditional uses.

Bloomfield River to Cape Tribulation

Zoning : Previous - MNPB. New - NPZ/NSZ.

REPRESENTATIONS (26) - 14 Marine Park, 4 MNPB, 3 GUB, 3 leave as is, 2 MNPA.

FEATURES - headland and embayment adjoining National Park. USE - nature appreciation.

Cape Tribulation to Bailey Point Coopers Creek

Zoning : Previous - MNP 'A' across streams at high water mark, Coopers Creek not in Marine Park. New - NPZ, CPZ, includes all creeks, estuaries not in N.P.

REPRESENTATIONS (26) - 14 Marine Park, 4 MNPA, 3 GUB, 3 leave as is, 2 MNPB.

FEATURES - creek estuaries adjoining National Park, sandy beaches, headlands, fringing reefs. USE - recreational fishing, nature appreciation, tourism, camping.

Bailey Point to Cape Kimberley

Zoning : Previous - GUB. New - HPZ.

NO REPRESENTATIONS.

FEATURES - headlands and bays adjoins Cape Kimberley National Park. USE - recreational fishing, tourism, camping.

Daintree River Estuary

Zoning : Previous - MNPA MNPB.

New - CPZ, NPZ.

REPRESENTATIONS (46) - 17 Marine Park, 10 MNPB, 8 MNPA, 8 GUB, 3 leave as is.

FEATURES - mangroves croc habitat, world heritage area. USE - recreational fishing, tourism, nature appreciation.

Cape Kimberley to Daintree River

Zoning : Previous - GUB to north of mouth then not part of Marine Park. New - HPZ.

REPRESENTATIONS (26) - 15 Marine Park, 5 GUB, 3 leave as is, 2 MNPB 1 MNPA.

FEATURES - headlands, sandy beaches adjoins National Park. USE - recreational fishing, tourism, camping.

Daintree River Mossman River

Zoning : Previous - Not in Marine Park. New - leave as is. Area has low conservation value.

NO REPRESENTATIONS.

FEATURES - No entry. USE - commercial & recreational fishing.

Mossman River

Zoning : Previous - Not in Marine Park. New - leave as is. Area has low conservation value.

REPRESENTATIONS (15) - 5 Marine Park, 4 MNPA, 2 MNPB 2 GUB, 2 leave as is.

FEATURES - estuarine wetlands adjoin cane farm industry, township. USE - commercial & recreational fishing.

Mossman River to Dickson Inlet incl. Cooya Beach incl. Muddy Creek

Zoning : Previous - Cooya beach & estuaries MNPA, Muddy Creek GUA. New - GUZ, ECZ, Muddy Creek ECZ.

REPRESENTATIONS (11) - 5 Marine Park, 3 GUB, 2 MNPA, 1 MNPB. Muddy Creek (9) -5 Marine Park, 2 MNPA, 1 MNPB, 1 GUB.

FEATURES - sandy beaches, estuarine wetlands. Muddy Creek - estuarine wetlands. USE - commercial & recreational fishing.

Dicksons Inlet

Zoning : Previous - Not in Marine Park. New - ECZ (excludes marine and channel at mouth).

REPRESENTATIONS (67) - 27 Marine Park, 15 MNPA, 12 MNPB, 8 GUB, 5 leave as is.

FEATURES - estuarine wetlands, seagrasses intertidal flats. USE - mooring facilities, commercial & recreational fishing, tourism, recreation.

Dicksons Inlet to Yule Point Mowbray River

Zoning : Previous - GU A, MNPA' GUB. New - GUZ, CPZ, ECZ.

REPRESENTATIONS (29) - 14 Marine Park, 5 MNPB, 5 MNPA, 3 leave as is, 2 GUB.

FEATURES - sandy beaches, mangroves, inshore reefs, estuarine wetlands. USE - commercial & recreational fishing.

Yule Point to Buchans Point

Zoning : Previous - Not in Marine Park. New - leave as is.

REPRESENTATIONS (9) - 5 Marine Park, 3 GUB, 1 MNPB.

FEATURES - steep timbered hillsides, sandy beaches, scenic. USE - recreation, commercial trawling offshore.

Buchan Point to Barron River

Zoning : Previous - Not in Marine Park. New - leave as is.

NO REPRESENTATIONS.

FEATURES - sandy beaches, small estuaries wetland reserves. USE - recreational fishing off beaches, commercial fishing.

Barron River

Zoning : Previous - Not in Marine Park. New - leave as is. DEH considers river has and will be extensively modified and therefore has low conservation value.

REPRESENTATIONS (28) - 15 Marine Park, 5 MNPA, 3 MNPB, 3 leave as is, 2 GUB.

FEATURES - estuarine wetlands. USE - sand waste water disposal, tourism recreation, fishing, flood mitigation.

Barron River to False Cape and Trinity Inlet including Admiralty Is

Zoning : Previous - Not in Marine Park. New - Proposal for inclusion in Marine Park is part of implementation of Trinity Inlet Management Plan.

REPRESENTATIONS (76) - 35 Marine Park, 15 MNPB, 14 MNPA, 2 GUB, 3 GUA, 7 leave as is. Admiralty Island (28) - 15 Marine Park, 7 MNPB, 3 M Park Rec, 3 leave as is.

FEATURES - extensive wetlands, mouth of river to Cairns city and upper reaches of the Inlet, Cairns mudflats, seagrass beds. Admiralty Island - mangrove island. USE - port facilities, boat mooring, recreation, defence area, commercial & recreational fishing.

False Cape to Cape Grafton include Mission Bay

Zoning: Previous - Un-zoned. New - ECZ (designated as Aboriginal Management Area).

REPRESENTATIONS (5) - 3 GU B, 1 MNPB, 1 Aboriginal use area.

FEATURES - sandy beaches, seagrass beds, headland. USE - Aboriginal use.

Cape Grafton to Palmer Point

Zoning : Previous - GUA. New - GUZ, HPZ.

REPRESENTATIONS (1) - 1 GUB.

FEATURES - headlands, sandy beaches. USE - adjoins World Heritage Area and Yarrabah Aboriginal Community, traditional use, trawling.

Fitzroy Island

Zoning : Previous - GUB, MNPA. New - HPZ, CPZ.

NO REPRESENTATIONS.

FEATURES - rocky headlands, fringing coral, beaches (small).

USE - recreational use, tourism, commercial fishing, nature appreciation.

Palmer Point to Constantine Point

Zoning : Previous - GUA. New - GUZ.

NO REPRESENTATIONS.

FEATURES - sandy beaches. USE - recreational fishing trawling.

Mulgrave River and Russel River

Zoning : Previous - GUB. New - ECZ, CPZ.

REPRESENTATIONS (62) - 32 Marine Park, 14 MNPA, 8 MNPB, 8 leave as is.

FEATURES - estuarine wetlands. USE - recreational fishing boating, nature appreciation, adjoins National Park and World Heritage Areas.

Russel Heads

Zoning : Previous - GUB. New - ECZ.

REPRESENTATIONS (6) - 4 MNPA, 1 Marine Park, 1 leave as is.

FEATURES - mouth of Russel and Mulgrave rivers. USE - recreational fishing, recreation boating.

Constantine Point to Cooper Point incl. Bramston Beach

Zoning : Previous - GUA. New - GUZ.

REPRESENTATIONS (3) - 2 Marine Park, 1 leave as is.

FEATURES - headlands, sandy beaches, mangroves. USE - commercial & recreational fishing, recreation, adjoins National Park.

Cooper Point to Heath Point

Zoning : Previous - GUA. New - GUZ.

NO REPRESENTATIONS.

FEATURES - headlands and beaches. USE - commercial & recreational fishing, adjoins National Park.

Heath Point to Coquette Point

Zoning: Previous - GUA. New - GUZ.

NO REPRESENTATIONS.

FEATURES - headlands, sandy beaches. USE - commercial & recreational fishing.

Johnstone River Estuary Ninds Creek *Zoning: Previous - GU A. New - ECZ.*
REPRESENTATIONS (57) - 29 Marine Park, 13 MNPA, 10 MNPB, 2 GUB, 3 leave as is.
FEATURES - estuarine wetlands, rainforests and mangrove islands. USE - boat mooring, recreational fishing, waste water disposal.

Coquette Point to Double Point *Zoning : Previous - GUA. New - GUZ.*
NO REPRESENTATIONS.
FEATURES - foreshore headlands, beaches, abuts National Park. USE - recreational fishing.

Moresby River estuary & Mourilyan Creek *Zoning : Previous - GUB, MNPB, Mouth not included in Marine Park. New - ECZ, NPZ. Mouth not included in Marine Park.*

REPRESENTATIONS (63) - 33 Marine Park, 8 MNPB, 7 MNPA, 9 GUB, 6 leave as is.
FEATURES - extensive wetlands, seagrasses. USE - port & boat mooring, recreational fishing, adjoins Army land.

Double Point to Maria Creek incl. Liverpool Creek *Zoning : Previous - GUB. New - HPZ.*
REPRESENTATIONS (10) - 6 Marine Park, 2 MNPA, 1 MNPB, 1 GUB.
FEATURES - sandy beaches, estuarine wetlands. USE - defence purposes, commercial & recreational fishing, abuts National Park recreation.

Maria Creek estuary *Zoning : Previous - GUB, MNPA, New - HPZ, NPZ.*
REPRESENTATIONS (9) - 5 Marine Park, 2 MNPA, 1 M Nat Park, 1 GUB.
FEATURES - estuarine wetland, includes estuary. USE - commercial & recreational fishing, National Park, nature appreciation.

Maria Creek to Mission Beach include Bingil Bay *Zoning : Previous - GUB, Not in Marine Park. New - HPZ, GUZ.*

REPRESENTATIONS (1) - 1 MNP A.
FEATURES - beaches, headlands in part. USE - commercial & recreational fishing, abuts National Park, abuts World Heritage Area.