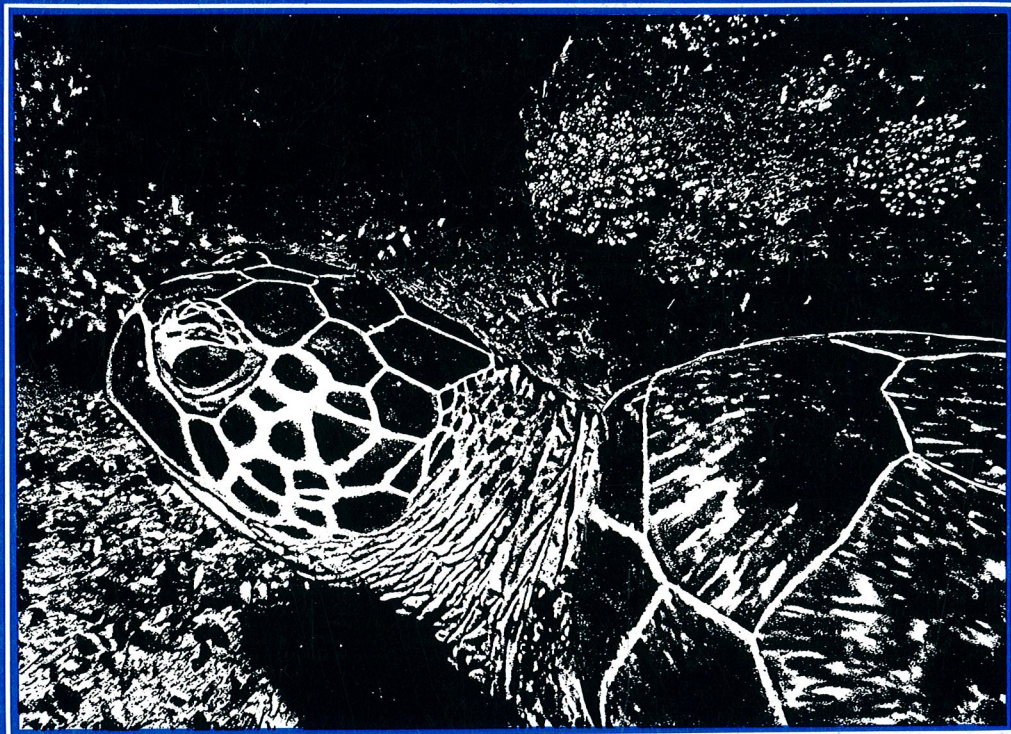


Ningaloo Marine Park

Summary of Public Submissions



MANAGEMENT PLAN No. 12



Department of Conservation
and Land Management

NINGALOO MARINE PARK

Management Plan 12

SUMMARY OF PUBLIC SUBMISSIONS

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INTRODUCTION

This document summarises submissions to the Draft Management Plan (DMP) for Ningaloo Marine Park.

The DMP for Ningaloo Marine Park was released for public comment by the Hon. Minister for Conservation and Land Management, Mr B J Hodge M.L.A, on 28 May 1988. A period of over two months was allowed for comment with the closing date for submissions set at 1 August 1988. However, all submissions received after this date were accepted. By the end of August, a total of 121 submissions had been received. All submissions have been summarised and appropriate changes made to the DMP. Comments were determined by relating the contents of each submission to the various components of the DMP, with a total of 403 comments made overall. Many submissions referred to a number of areas in the DMP.

Complementary copies of the DMP were distributed to State and Commonwealth departments, tertiary institutions, conservation groups, local authorities, libraries, local and interstate agencies and associations and numerous individuals. Copies of the DMP were also available at Exmouth and Carnarvon at Council offices and libraries. Copies of the DMP were available for purchase from the Department of Conservation and Land Management (CALM) State Operations Headquarters at Como and the District office in Exmouth where many copies were purchased for \$5 per copy.

Complimentary copies were distributed as follows:

Individuals	...	...	...	...	...	...	...	...	53
Government Departments - State				...	...	...	...	...	34
Associations, groups and clubs	...			...	...	...	...	...	23
Libraries	...	...	...	...	...	...	...	...	17
Government Departments - Interstate				...	...	...	...	...	14
Industry	...	...	...	...	...	...	...	...	10
Shire Councils	...	...	...	...	...	...	...	...	2
Tertiary Institutions	...	...	...	...	...	...	...	...	2
Overseas	...	...	...	...	...	...	...	...	1

The Ningaloo Marine Park Advisory Committee provided considerable input into preparation of the DMP.

ANALYSIS OF PUBLIC SUBMISSIONS

The public submissions to the Ningaloo Marine Park DMP were reviewed in three stages:

- 1) Public submissions were summarised to allow analysis.
- 2) The submissions were assessed using the following criteria:

If the submission:

- A. provided additional information on the physical, biological, social economic of cultural resources of direct relevance to management, particularly the capacity of the park environment to sustain the proposed activities;
- B. indicated a change in Government legislation, management commitment, legislation or management policy;
- C. provided additional information on affected user groups;
- D. proposed the inclusion of additional strategies for a particular concern that would help to achieve the management objective(s); or
- E. referred to a lack of clarity in the existing strategies;

then the prescriptions given in the DMP were reviewed.

- 3) Stages one and two were then tabulated. Table 1 summarises the changes made to the DMP and indicates the degree of, and reasons for, revision and refers to the relevant assessment criteria.

Comments made in submissions have been assessed entirely on the cogency of points raised. No subjective weighting has been given to any submission for reasons of its origin or any other factor which would give cause to elevate the importance of any submission above another.

Nearly all changes to the DMP were of a minor editorial nature, by adding to or modifying existing information to improve clarity or completeness, or by deletion of information of no relevance to the final plan. Most changes arose from internal review rather than from submissions.

Changes which adds, deletes, or modifies a principle, are marked with an asterisk.

Table 1. Summary of Changes to the Ningaloo Marine Park Draft Management Plan

Section of Plan	Degree of Revision	Summary of changes made	Reason for Revision	Assessment Criteria	
PART 1. BACKGROUND					
4. LEGISLATIVE AND ADMINISTRATIVE ARRANGEMENTS					
	Addition	Aboriginal Heritage Act	Completeness	A	
	Addition	Fisheries control	Clarification	E	
5. TENURE					
	Deletion	Fisheries "Reserve"	Incorrect information	A	
5.2.5	Addition	Access to Bundegi	Clarification	A	
5.2.7	Modification	Reserve control	Clarification	A	
5.2.8	Modification	Special lease conditions	Clarification	A	
6. PHYSICAL ENVIRONMENT					
	Addition	Groundwater information	Completeness	D	*
8.3 RECREATION FISHING					
	Addition	Over- fishing and research	Clarification	A	
10 COMMERCIAL FISHING					
10.1.3	Addition	Trawling and Purse seining	Completeness	A	*
10.1.4	Addition	Netting	Completeness	A	*
10.1.5	Addition	Trapping	Completeness	A	*
10.3 PETROLEUM EXPLORATION					
	Modification	Exploration Regulation	Clarification	A	
	Addition	Policy review	Clarification	A	
	Modification	Use of airspace	Clarification	A	
10.5 POLLUTION					
	Addition	Contingency Plan	Clarification	A	
12.1 RESEARCH					
	Addition	Patterns of use	Completeness	E	
PART 2. MANAGEMENT STRATEGIES					
14.1 MANAGEMENT ZONING					
	Deletion	Narrow Recreation Zone adjacent to Sanctuaries	Weight of public submissions	E	*
	Modification	Northern boundary of Osprey Sanctuary	Advisory Committee recommendation	E	*
	Modification	Northern boundary of Cloates Sanctuary	Public submissions	E	*
	Deletion	% area of zones	Irrelevant and confusing	A	
	Addition	Table 3 Uses and activities	Clarification	E	*
15.2 OFFSHORE					
	Addition	Use of moorings and stakes	Clarification	E	
	Addition	No Jetties in Sanctuaries	Clarification	E	
	Addition	No groynes in Sanctuaries	Clarification	E	
	Addition	No Platforms in Sanctuaries	Clarification	E	
17.1 RECREATION FISHING					
	Addition	% of coast open to fishing	Clarification	E	
	Addition	Population monitoring	Completeness	D	*
	Addition	Transport, processing & storage	Completeness	D	*
	Deletion	50 m wide recreation fishing strip	Weight of submissions	E	*
	Addition	Fishing in Bills Bay	Clarification	D	

17.2 Collecting	Addition	Restriction in Sanctuaries	Clarification	D	
	Deletion	Reference to bag limits	Not relevant	E	
17.4 Boating	Modification	Mooring boats	Clarification	E	
	Deletion	Boat ramps	Not relevant	E	
18 Commercial Fishing					
	Modification	Phase out wetlining	Clarification	E	*
	Addition	Tourism / trawling values	Completeness	E	
	Addition	Trawling and purse seining	Completeness	E	*
	Addition	Netting	Completeness	E	*
	Addition	Trapping	Completeness	E	*
18.2 Charter	Addition	Zone restrictions	Clarification	E	
18.3 Concessions	Addition	Operational conditions	Clarification	E	
18.4 Petroleum Exploration					
	Modification	Policy and legislative review	Government direction	B	*
18.5 Aircraft	Addition	Operational objectives	Clarification	E	
19.2 Pastoral Land Management					
19.2.2	Deletion	Figure 8	Concept requires refinement	E	*
19.2.3	Deletion	Figure 8	Concept requires refinement	E	*
19.4 Foreshore Reserve					
	Deletion	Figure 9	Concept requires refinement	E	*
22 Management Administration					
	Addition	Interagency agreements	Completeness	D	*
	Addition	Consultative Committee	Completeness	D	*
22.1 Search and Rescue					
	Modification	Police to co-ordinate	Clarification	E	
23.5 Use patterns	Deletion	Parking and camping	Not relevant	E	
	Deletion	Muiron islands	Not relevant	E	
26. Appendix 1.	Deletion	Figure 11.	Not relevant	E	

SUMMARY OF PUBLIC SUBMISSIONS

1. Number and origin of submissions.

A total of 121 submissions were received (Table 1.) with 60 % originating from Individual and Proforma submissions (Fig. 1.) A list of submitters is provided in Appendix 1. The statements listed under each issue are a concise summary of each comment made in a submission.

Table 2. Origin of submissions on the DMP.

ORIGIN	NUMBER
Public:	
Individuals	42
Proforma submissions	36
Clubs / organisations /associations	15
Confidential	5
Group signatures	4
Government:	
State	12
Federal	1
Local	1
Industry:	5

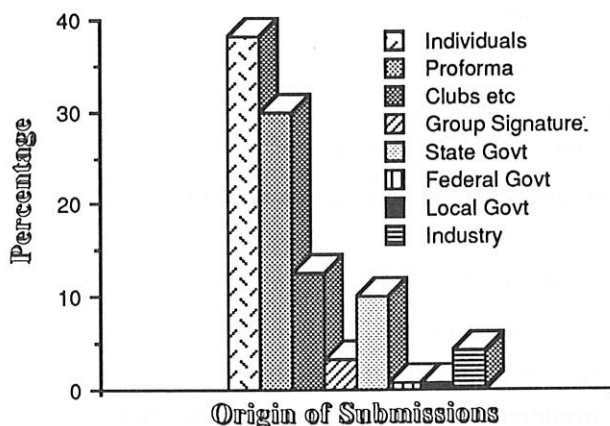


Figure 1. Distribution of submissions on the DMP.

2. General Comments

Almost without exception, all submissions relating to the Ningaloo Marine Park were supportive and complementary, with many suggesting that management controls should be more stringent

(particularly towards fishing activities). A minority of submissions were unaware that the Park had been proclaimed.

Typical comments of endorsement for the DMP as they were expressed in submissions were:

* A comprehensive blue print for management of this important area (Environmental Protection Authority).

* An excellent report, overall the plan is acceptable (WA Recreational and Sport Fishing Council).

* Agree with most of the plan and your fair-minded approach (individual).

* Plan generally achieves a balance of recreation and conservation needs (WA Tourism Commission).

* Well presented and documented plan which is acceptable in most areas (Exmouth Chamber of Commerce).

* A creative and well balanced approach to a difficult objective (Australian Marine Science Association).

* Critical issues have been addressed and sensible management recommendations have been decided (Australian Littoral Society).

* Support the goals and zoning as principles that are irrefutable (individual).

* Plan is extremely comprehensive and informative (individual).

In contrast, a minority felt that the:

* Plan has a number of deficiencies which, if left unrectified, will diminish the quality of protection the area deserves (Greenpeace Australia).

Overall, there were 403 comments on the DMP of which only 7 % were directed towards Part 1. Of the remaining 93 % directed to Part 2, the principal sections of the DMP that comments focussed on were Land Management (26 %), Recreation Activities (21 %), Commercial Activities (16 %) and Management Strategies, ie. Zoning, (16 %).

PART 1. BACKGROUND

3. STATE AND COMMONWEALTH AREAS

3.2 COASTAL

Two submission refer:

The 40 metre wide reserve (next to Pastoral leases) is inadequate.

4. LEGISLATIVE AND ADMINISTRATIVE ARRANGEMENTS

Two submission refer:

Aboriginal Heritage Act should be listed.

Limits of Fisheries management requires clarification.

5. TENURE

5.1 MARINE

5.1.4 Petroleum Permits

Three submissions refer:

Petroleum leases are not acceptable and should be revoked or otherwise aquired.

Present and future petroleum exploration should be maintained.

5.2 COASTAL

5.2.2 Pastoral Leases

One submission refers:

Support consultation by CALM with lessees in managing recreational use.

5.2.5 Defence Land

Two submissions refer:

Defence weapons range should be moved and the area converted to National Park.

Plan should note that the access road to Bundegi is the responsibility of the Shire of Exmouth.

5.2.9 Implications for Management

Two submission refer:

Support development consideration for Mauds Landing.

6. PHYSICAL ENVIRONMENT

6.1 OCEANOGRAPHY

6.1.5 Implications for Management

One submission refers:

Agree with need for careful selection of dive sites and trails because of natural hazards and boats.

6.2 CLIMATE

6.2.4 Implications for Management

One submission refers:

Agree that availability of water is a major restriction on development.

7. CONSERVATION VALUES

7.1 OVERVIEW

One submission refers:

There is a lack of knowledge of the areas' fauna.

7.6 IMPLICATIONS FOR MANAGEMENT

Two submissions refer:

Fox control programmes are needed to protect turtle nesting.

Pets could cause harm to wildlife.

8. RECREATION VALUES

8.1 OVERVIEW

Two submissions refer:

Comprehensive visitor surveys are required.

8.2 CAMPING

Two submissions refer:

Isolated and unserviced campsites are becoming overcrowded during peak use.

Campsites should be kept to a minimum.

8.3 FISHING

Two submission refer:

Object to the use of freezers in the Park.

Consideration be given to lowering bag limits.

10. COMMERCIAL VALUES

10.2 CONCESSIONS

10.2.2 Onshore

Three submissions refer:

Oppose accommodation other than provision of campsites.

Provision should be made for a resort between Yardie Creek and Coral Bay.

Concession be allowed for recreation camps for school and other groups.

10.6 IMPLICATIONS FOR MANAGEMENT

Two submission refer:

Oppose the suggestion that petroleum exploration may impair environmental values and interfere with public use.

Anti-fouling paints should be prohibited.

PART 2. MANAGEMENT STRATEGIES

Nearly 80 % Of all submissions to the DMP made comment on four Sections in Part 2 of the Plan, the highest being Land Management with 26 % (Fig. 2.)

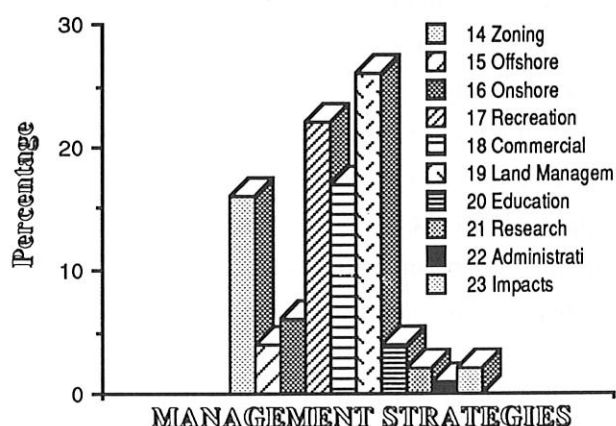


Figure 2. Distribution of comment on Part 2 of the DMP.

14. MANAGEMENT STRATEGIES

14.1 MANAGEMENT ZONING

Sixty one submissions refer:

Concept (Nineteen submissions refer)

Support the principles of zoning and formation of Sanctuary zones; concept is excellent (14 submissions).

Zoning framework is inadequate.

Zoning should be less structured and flexible.

Exclusion zone required for long-term research.

Should be provision for amendments, does little to provide a framework for future control.

A list of definitions of use and entry conditions in Zones should be provided and permitted activities should be stated.

Support zoning, but proposed areas have the best fishing in the Park.

Sanctuary Zones (Twenty six submissions refer)

Size of Sanctuary Zones should be increased to a larger proportion of the Park (six submissions).

Sanctuary Zones should include deep water habitats and extend to outer boundary of Park, at least two zones in the north and south (five submissions).

Sanctuary Zones should begin at High Water Mark with no exceptions.

Sanctuary zones should begin at HWM but allow beach fishing.

Oppose extension of Sanctuaries to HWM.

Oppose 50 metre wide recreation zones next to Sanctuaries as the removal of fauna may have an impact on the zone.

Enforcement could be a problem in narrow 50 metre wide zones and exceptions cause confusion.

Seriously question the provision of shore based line fishing adjacent to Sanctuaries.

Boundaries should relate to recognisable features.

Sanctuary zone boundaries should be clearly recognisable and be marked.

Sanctuary zones are excessive.

No indication on how reference areas in Sanctuary Zones are to be maintained free from disturbance.

Need protected sites within Sanctuaries.

Sanctuaries should serve as control areas.

General Use Zone (Nine submissions refer)

General Use Zone should be reduced and begin well seaward of the reef (four submissions).

The whole Park should be zoned for General Use.

Park should be limited to two small areas of 20 km of coast centred on Milyerling and Coral Bay.

Specific Areas (Seven submissions refer)

Northern boundary of Cloates should be from Point Edgar.

Cloates and Maud Sanctuary Zones should go to the limit of State waters.

Cloates sanctuary should extend southward to include the *Rapid*.

Cloates Sanctuary is too large.

Cloates Sanctuary should begin 50 metres from HWM for the whole coast.

Mangrove Sanctuary should be extended further out to sea.

Maud Sanctuary Zone should begin at HWM.

Maud Sanctuary should extend southward to include exceptional areas of coral.

Beach fishing should be provided in the centre of Mauds Sanctuary.

Maud Sanctuary will deny fishing to small boat users.

No beach fishing at northern end of Maud Sanctuary.

15. OFFSHORE DEVELOPMENT

15.1 NAVIGATION AND OTHER MARKERS

Five submissions refer:

Support installation of markers for guiding boats and marking sanctuary zones.

Markers essential for safety and identification of Sanctuary zones.

15.2 MOORINGS

Eight submissions refer:

Oppose any moorings in sanctuary zones (three submissions).

Support provision of moorings to prevent coral damage.

No moorings should be permitted for private boats.

Moorings should be available for commercial vessels only.

Ban use of stakes as they are a safety hazard.

There should be no private moorings and only a few for charter.

15.3 JETTIES

Two submissions refer:

Oppose jetty construction.

15.4 GROYNES AND BREAKWATERS

Three submissions refer:

Object to construction of breakwaters.

Support exclusion of groynes and breakwaters, with the exception of Mauds Landing.

15.5 STRUCTURES AND PLATFORMS

Two submissions refer:

Oppose the construction of platforms.

Support platforms where necessary.

16. ONSHORE DEVELOPMENT

16.1 MARINAS

Seven submissions refer:

Oppose any marina development in the Park (five submissions).

Marina proposal should be rigourously assessed for environmental impact.

Support marina development.

16.2 BOAT RAMPS

Fourteen submissions refer:

Oppose any boat ramp construction.

Ramps will encourage depletion of fish.

Only provide boat ramps at Tantabiddi Creek and Mauds Landing.

Oppose ramps for large boats as this will lead to overfishing of less accessible waters.

Support proposals.

Tantabiddi ramp difficult to use.

Do not provide ramps at Bruboodjoo or Lefroy Bay.

Need a ramp at Lefroy Bay to stop degradation of dunes.

Oppose ramp at Lefroy Bay.

16.3 NAVIGATION MARKERS

Two submission refer:

Support placement of onshore markers.

Will assist in identifying Sanctuary zones.

17. RECREATION ACTIVITIES

The Recreation section of the DMP received the second-highest number of total comments received (over 21 %) , with the majority of those (80%) directed towards fishing (Fig. 3).

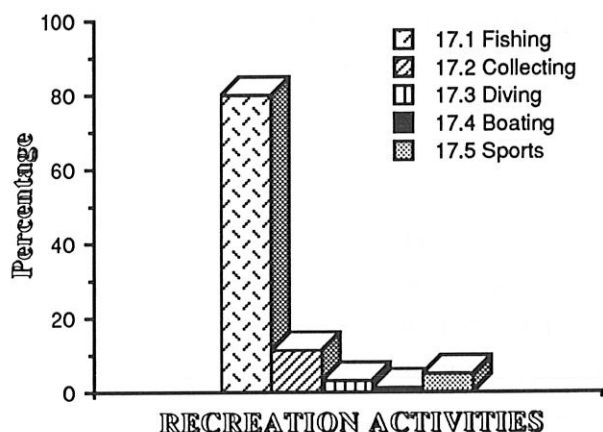


Figure 3. Distribution of comments on the Recreation Activities section of the DMP.

17.1 Fishing

Sixty six submissions refer:

Regulations: (Ten Submissions refer)

Support proposals and restrictions on fishing.

Increase fines for breach of regulations and have random checks.

Bag Limits: (Nine submissions refer)

Bag limits are too high and should be reduced.

Lower bag limits to immediate consumption needs.

Oppose any change in bag limits.

Monitoring could be difficult.

Bag limits should be set according to size of boat.

Nets : (Thirteen submissions refer)

Prohibit use of nets in the Park.

Oppose the total ban on net fishing.

Throw and haul nets should be permitted.

Spearfishing: Twenty submissions refer)

Prohibit any spearfishing.

No SCUBA spearfishing but allow spearfishing by free diving.

Support limitation between Tantabiddi Creek and Winderabandi.

Allow SCUBA spearfishing outside the reef in General Use Zone.

Hand-gathering of lobster while using SCUBA be allowed.

Banning of spearfishing too restrictive.

Bag limits are required for certain species.

Spearfishing may not be as great a threat at line fishing.

Allow spearfishing next to Cape Range if access is by sea.

Processing and Storage: (Seven submissions refer)

Prohibit use of freezers and filleting of fish.

Only allow 10kg of fillets to be taken out no matter how long in the Park.

Do not allow filleting of fish and limit the amount that can be taken out of the Park.

A fee for using a freezer should be introduced.

Traps, Set-Lines and Charter: (Three submissions refer)

Prohibit traps and set lines.

Do not permit charter fishing inside reef.

Education: (Four submissions refer)

Education will be important in achieving controls.

17.2 COLLECTING

Nine submissions refer:

All collecting should be banned (seven submissions).

Support controls on shell collecting.

Outline what molluscs and crustaceans are taken for consumption.

17.3 DIVING

Two submissions refer:

Support idea of guided dive tours.

Explain diving codes of conduct.

17.4 BOATING

One submission refers:

Provide anchorages in suitable areas next to campsites.

17.5 SURFACE WATER SPORTS

Four submissions refer:

Should not be actively encouraged.

Water skiing should not be contemplated.

Need a waterski area from Coral Bay south to "five finger" reef and out to the outer reef.

Water sports should be permitted.

18. COMMERCIAL ACTIVITIES

The section on Commercial Activities shared equal third highest number of comments in the DMP with 16 % of the total comments. Over 45 % of these comments were directed towards Fishing (Fig. 4).

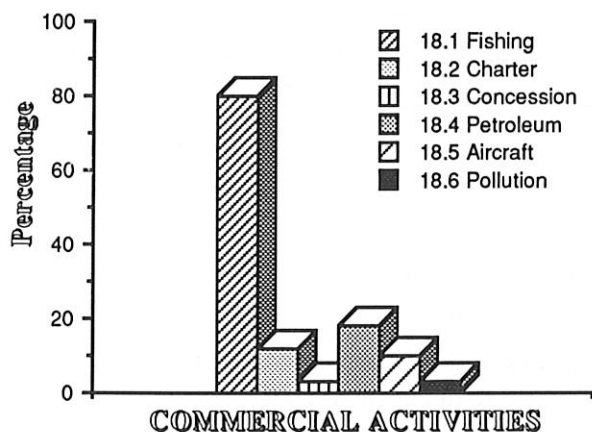


Figure 4. Distribution of comments on the Commercial Activities section of the DMP.

18.1 FISHING

Twenty nine submissions refer:

GENERAL COMMENTS: Seventeen submissions refer.

Oppose any commercial fishing in the Park (ten submissions).

Traditional commercial use of proposed Recreation zones needs to be recognised.

Fishing may need to be continued for a limited time.

Incompatible with conservation objectives.

Requires sub-sections on trapping and netting.

Fishery management is inadequately addressed.

No fishing inside 100m isobath.

Permit commercial fishing in Sanctuary Zones.

Need to allow commercial aquaculture in the Park.

18.1.1 Wetline fishing

Two submissions refer:

Support monitoring and maintenance of fish stocks.

Agree with excluding commercial use inside reef.

18.1.2 Trawling

Three submissions refer:

All trawling should be banned.

Demersal trawling is incompatible in the Park

except for the area east of Bundegi. This should be permitted or alternatively, reduce the Park to Bundegi reef.

18.1.3 Aquarium Trade

Five submissions refer:

Support ban on aquaria collecting.

18.1.4 Rock Lobster

Two submissions refer:

Support proposals, but there should be a differentiation between species.

Permit amateur rock lobster potting in areas other than coral reef.

18.2 FISHING CHARTER

Seven submissions refer:

Support control of the charter industry.

Charter boat industry needs review.

Oppose charter fishing in the Park.

All commercial activities are unwelcome including glass bottom boats and charter fishing.

All game fish not close to a record should be tagged and released.

Excess fish caught on charter boats should be allowed to be sold.

18.3 CONCESSIONS

Two submissions refer

Simplified zoning is complicated by concessions.

Concession arrangements are too stringent and may have negative effects.

18.4 PETROLEUM EXPLORATION

Eleven submissions refer:

Oppose exploration and all leases should be revoked (five submissions).

Support imposition of conditions to protect conservation and tourism values.

Regrettable that exploration be allowed in the Park.

Ningaloo is highly prospective for hydrocarbons.

Support exploration and future access should be maintained.

18.5 AIRCRAFT

Six submissions refer:

Support liaison proposals.

Support liaison but do not wish to see height restrictions imposed.

Should have a policy on minimum heights.

Need aerial access for petroleum exploration.

No opposition to joy flights but they might cause pollution.

18.6 MARINE POLLUTION

Two submissions refer:

Support recommendations.

Oil spill contingency plans should be part of any drilling proposal.

18.7 MARKETING AND PROMOTION

Five submissions refer:

Support proposals.

Important not to duplicate facilities that can be found at other, less unique, coastal regions.

Conservation values at cross purposes with publicity and upgrading of facilities.

19. LAND MANAGEMENT

This section received the highest number of comments of any section with 26% of all comments received for the whole plan. The issues receiving most attention of all comments on the section were Pastoral Land Management (80 %) and dominated within that section by Camping (50 %) and Road Access (45 %) (Fig. 5).

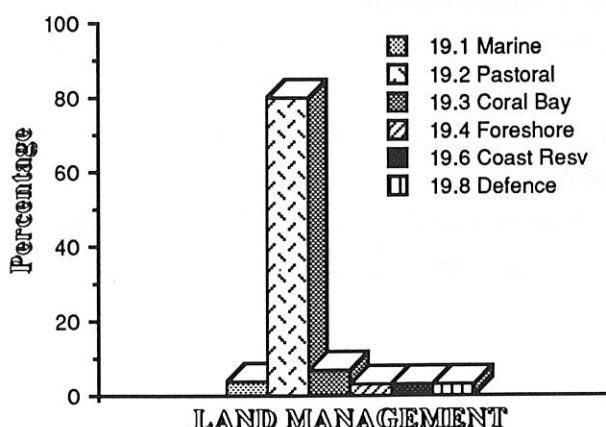


FIGURE 5. Distribution of comments on the Land Management section of the DMP.

19.1 MARINE PARK

Four submissions refer:

Coastal reserve is too narrow.

Support restriction of access from areas that are susceptible to degradation.

19.2 PASTORAL LAND MANAGEMENT

19.2.1 Management Agreements with Pastoral Lessees.

Four submissions refer:

Agree with recommendations.

Future developments on the coast should not be at the expense of pastoralists.

Maintain campsites on the foreshore as they are now.

19.2.2 Camping

Thirty nine submissions refer:

Support proposals (ten submissions).

Several potential campsites have been overlooked.

Defer upgrading facilities to limit environmental damage.

Camping fees should be introduced.

Oppose development of campsites, will lead to overcrowding of some sites.

Oppose formalising campsites.

Oppose development of facilities at Bruboodjoo, it will lead to an increase in popularity of the area.

Support proposals for Bruboodjoo.

Plan does not specify which sites will remain open.

Definition of capacity to sustain use will be difficult.

Disagree with proposals but agree that camping requires control.

Oppose restriction of small sites along the waterfront.

Leave camping areas in their present state.

Support rubbish collection, ban generators and dogs.

Oppose closure of small campsites, need a greater emphasis on isolated campsites.

Not enough firewood to support fires.

Oppose any time limits and camping fees.

Provide overflow sites for peak periods, develop more campsites.

Only allow generators in some areas.

A permit system would provide equity of use.

Emphasise restricted accommodation in promotion and make bookings available for school holidays.

Some pastoralists charge camping fees.

Lefroy Bay could sustain ad hoc use with little environmental degradation.

Lefroy Bay should not be developed.

Campers should register for a site and take responsibility for monitoring it.

19.2.3 Road Access

Thirty six submissions refer:

Support proposals (seven submissions).

Support low key approach to road development.

Support closure of existing tracks.

All access roads require strict control.

Do not upgrade existing tracks.

Information bays should be provided on primary access roads and provide information on restrictions and destination information.

Need signs listing facilities.

Oppose proposals (four submissions).

Oppose road upgrading as this will increase visitor traffic.

Oppose access road to Bruboodjoo, have one track from Warroora Homestead.

Oppose upgrading to Ningaloo Station and Lefroy Bay

Defer upgrading station tracks and establish walk trails.

Oppose road development but support closure of unnecessary tracks.

Established tracks should not be closed.

Road proposals are too restrictive.

19.3 MAUDS LANDING/CORAL BAY

Seven submissions refer:

Support proposals.

Suggest re—development of caravan parks to self contained accommodation.

Oppose further development of Coral Bay.

Develop Mauds Landing to ease pressure on Coral Bay.

Support development of Coral Bay rather than a Marina at Mauds Landing.

19.4 FORESHORE RESERVE 37500

Three submissions refer:

Boats are leading to safety problems.

Prohibit windsurfing because of danger to swimmers.

Enlarge the swimming area.

19.6 COASTAL RECREATION RESERVE

One submission refers:

Integration of coastal management requires discussion with the Shire of Exmouth.

19.8 DEFENCE LAND

Three submissions refer:

Area is becoming degraded due to uncontrolled camping.

Allow camping in the area.

Support management agreement with Department of Defence.

20. EDUCATION

Fourteen submissions refer:

Support the proposals (10 submissions).

Park education should be low key.

Information should be provided on poisonous fish.

Department of Sport and Recreation should provide a recreation camp adjacent to the Park.

Install a touch pool and aquaria in the Visitor Centre.

21. RESEARCH

Eight submissions refer:

Support proposals, but they could be expanded. (Four submissions).

Studies on reef dwelling fish and *Drupella* are needed.

Increase in seagulls need research and monitoring.

Co-operative research with Fisheries is desirable.

22. MANAGEMENT

ADMINISTRATION

22.1 SEARCH AND RESCUE

Two submissions refer:

A radio base for small boats should be established at Milyering.

Camarvon and Exmouth Police must control search and rescue operations.

23. POTENTIAL IMPACTS OF PARK MANAGEMENT

23.3 EQUITY OF USE

One submission refers:

Pastoral and recreational use should be able to co-exist in harmony. Commercialisation should be carefully controlled. Equity should be centred on appreciation of natural resources.

23.4 IMPACT ON ADJACENT AREAS

Eight submissions refer:

Support incorporation of Muiron Islands into the Park (five submissions).

Insufficient evidence to conclude that the Muirons are not pivotal to biological representiveness of Ningaloo.

Proposals should involve the Shire of Exmouth.

* * * * *

APPENDIX 1. LIST OF SUBMITTORS

PUBLIC: INDIVIDUALS

R Allison
A G Breeden
P B Cheatley
D Comley / G Jeffrey
A J Curnow
E & M Daniel
Z Dinensen
H Dodd
K V Eatt
J W Emery
S Evans
D & C Eyres
P Fitzgerald
K Grieves
G Griffiths
L Hall
P Harding
E W Hardy
L Horben
M Howe
R Jarvis
M H Johansen
S Knox
B & J Lefroy
H W Lefroy
D J Marshall
K Morse
D Motteram
O Mueller
S Osborne
K Palfrey
R Payne
G Pobar
R L Robinson
C J Sanderson
D Scott
N Scott
R Shallcross
D J & D M Simpson
J G Taylor
B Teede
C Williams

PUBLIC: PROFORMA

G F & D H Allen
M & V Bennett
J & E Bishop
R Clucas
M F Christiansen
S & J Cockram
R J & G M Collard
J G Coote
W Cranstoun
S & M Crawford
G Davies
S Dunstall
J & T Dye
S Edmunds
R L W Elston
D & H Golding
J G & V J Grieve
H K Griffiths
G & S Hamer
E W Hardy
F & E Hastie
L & K Hawes
R & G Jensen
R & P Jarvis
P Koodravsen
G H Lawson
R T & M A Maisey
K & K McFarlane / J & L Giles
W McKinney
J Nelson
P J & D J Phipps
A J & I M Russell
K Stranger
A Tolmie
M Walker
N Wright

**PUBLIC: CLUBS / ORGANISATIONS /
ASSOCIATIONS**

Australian Anglers Association (WA)
Australian Conservation Foundation
Australian Coral Reef Society
Australian Littoral Society
Australian Marine Science Association (WA)
Australian Underwater Federation (WA)
Conservation Council (WA)
Coral Bay Conservation Group
Exmouth Chamber of Commerce
Greenpeace Australia
Marmion Angling and Aquatic Club
Murdoch University Dive Club
Project Interlock - Australia
WA Recreational and Sport Fishing Council
WA Underwater Photographic Society

PUBLIC: GROUP SIGNATURE

M Bishaw (10 signatures)
E M Perry (67 signatures)
J Small (13 signatures)
I Tchacos (52 signatures)

GOVERNMENT: STATE

Agricultural Protection Board
Bush Fires Board
Environmental Protection Authority
Fisheries Department
Department of Local Government
Main Roads Department
Mines Department
Police Department
Department of Resources Development
Water Authority of WA
WA Museum

GOVERNMENT: FEDERAL

Department of Defence

GOVERNMENT: LOCAL

Shire of Exmouth