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Statement No.
000652

MINISTER FOR THE ENVIRONMENT

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

**CORAL BAY BOATING FACILITY
MONCK HEAD, CORAL BAY
SHIRE OF CARNARVON**

Proposal: The construction and operation of a boating facility at Monck Head, Coral Bay, incorporating an offshore boat launching ramp connected to the shore through a piled bridge and culverted causeway, as documented in schedule 1 of this statement.

Proponent: Department for Planning and Infrastructure

Proponent Address: PO Box 402, Fremantle WA 6160

Assessment Number: 1186

Report of the Environmental Protection Authority: Bulletin 1107

The proposal referred to above may be implemented by the proponent subject to the following conditions and procedures:

1 Implementation

1-1 The proponent shall implement the proposal as documented in schedule 1 of this statement subject to the conditions of this statement.

Published on
17 JUN 2004

2 Proponent Commitments

- 2-1 The proponent shall implement the environmental management commitments documented in schedule 2 of this statement.

3 Proponent Nomination and Contact Details

- 3-1 The proponent for the time being nominated by the Minister for the Environment under section 38(6) or (7) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal until such time as the Minister for the Environment has exercised the Minister's power under section 38(7) of the Act to revoke the nomination of that proponent and nominate another person as the proponent for the proposal.
- 3-2 If the proponent wishes to relinquish the nomination, the proponent shall apply for the transfer of proponent and provide a letter with a copy of this statement endorsed by the proposed replacement proponent that the proposal will be carried out in accordance with this statement. Contact details and appropriate documentation on the capability of the proposed replacement proponent to carry out the proposal shall also be provided.
- 3-3 The nominated proponent shall notify the Department of Environmental Protection of any change of contact name and address within 60 days of such change.

4 Commencement and Time Limit of Approval

- 4-1 The proponent shall substantially commence the proposal within five years of the date of this statement or the approval granted in this statement shall lapse and be void.

Note: The Minister for the Environment will determine any dispute as to whether the proposal has been substantially commenced.

- 4-2 The proponent shall make application for any extension of approval for the substantial commencement of the proposal beyond five years from the date of this statement to the Minister for the Environment, prior to the expiration of the five-year period referred to in condition 4-1.

The application shall demonstrate that:

1. the environmental factors of the proposal have not changed significantly;
2. new, significant, environmental issues have not arisen; and
3. all relevant government authorities have been consulted.

Note: The Minister for the Environment may consider the grant of an extension of the time limit of approval not exceeding five years for the substantial commencement of the proposal.

5 Compliance Audit

5-1 The proponent shall prepare an audit program and submit compliance reports to the Department of Environmental Protection which address:

1. the status of implementation of the proposal as defined in schedule 1 of this statement;
2. evidence of compliance with the conditions and commitments; and
3. the performance of the environmental management plans and programs.

Note: Under sections 48(1) and 47(2) of the *Environmental Protection Act 1986*, the Chief Executive Officer of the Department of Environmental Protection is empowered to audit the compliance of the proponent with the statement and should directly receive the compliance documentation, including environmental management plans, related to the conditions, procedures and commitments contained in this statement.

6 Hydrocarbons

6-1 At all times, the proponent shall not cause or allow the discharge of hydrocarbons into the Ningaloo Marine Park.

6-2 In the event that discharge occurs contrary to the requirements of condition 6-1, the proponent shall immediately control and abate the discharge, take all necessary remedial action, and as soon as practicable inform the Department of Environmental Protection and the Department of Conservation and Land Management, providing a full report of the incident.

Note: The proponent will have in place a Pollution Contingency Management System (Commitment 5) to address the requirements of condition 6-2.

7 Turbidity

7-1 During the construction and maintenance of the facility, the proponent shall have in place a "silt curtain" to ensure that:

1. turbidity, measured not more than 100 metres down-current from the "silt curtain" and reported as a median, does not exceed the 80th percentile of background turbidity at set reference sites, at an equivalent water depth; and
2. there is no impact on the values of the Maud Sanctuary Zone of the Ningaloo Marine Park.

- 7-2 In the event that turbidity occurs, contrary to the requirements of condition 7-1, the proponent shall immediately control and abate the turbidity, take all necessary remedial action, and as soon as practicable inform the Department of Environmental Protection and the Department of Conservation and Land Management, providing a full report of the incident.

Note 1: The proponent will prepare and implement a Construction Environmental Management Plan (Commitments 1 and 2) and have in place an Operations Environmental Management System (Commitment 4) to address the requirements of condition 7-2.

Note 2: The set reference sites referred to in condition 7-1 shall be located outside any area influenced by the construction and maintenance of the facility.

Procedures

- 1 Where a condition states "to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority", the Environmental Protection Authority will provide that advice to the Department of Environmental Protection for the preparation of written notice to the proponent.
- 2 The Environmental Protection Authority may seek advice from other agencies or organisations, as required, in order to provide its advice to the Department of Environmental Protection.

Notes

- 1 The Minister for the Environment will determine any dispute between the proponent and the Environmental Protection Authority or the Department of Environmental Protection over the fulfilment of the requirements of the conditions.
- 2 In this statement, to "have in place", in connection with an environmental management system, is defined as to "prepare, implement and maintain for the duration of the proposal".



Dr Judy Edwards MLA
MINISTER FOR THE ENVIRONMENT

17 JUN 2004

Schedule 1

The Proposal (Assessment No. 1186)

The proposal is to construct and operate a boating facility at Monck Head, Coral Bay, Shire of Carnarvon. The facility will include an offshore rubble mound structure (island), with two boat launching ramps and two jetties placed on either side of the ramps. The offshore structure will be connected to the shore by a piled bridge and culvert causeway. Channel markers will be installed to assist navigation on the approach to the boating facility and to mark the recommended boating track from Monck Head to Point Maud.

The terrestrial components of the facility include a sealed surface carpark to accommodate approximately 100 vehicles, with the existing 1.5 kilometre access road to the site being upgraded to accommodate heavy vehicles. Two water tanks will be provided onsite. A fully sealed system public toilet block will be provided which will not require water for flushing.

The location of the facility is shown in Figure 1 and the layout in Figure 2 (Figures attached).

The key characteristics of the proposal are summarised in Table 1 below.

Table 1 – Key Proposal Characteristics

Element	Quantities/Description
<i>Major marine components</i>	
Offshore boat launching ramp	Offshore rubble mound structure (approximately 0.3 hectares) with two ramps facing approximately north-east.
Piled bridge and culvert causeway	Connecting offshore boat launching ramp to shoreline (approximately 75 metres long).
Jetties	Two jetties: one on either side of the two ramps to provide some wave screening and to facilitate boat loading and refueling of non-trailerred vessels.
Offshore moorings	Approximately 15, for use by non-trailerred vessels.
Channel markers	Marking of recommended boating track from Monck Head to Point Maud (approximately 7 kilometres).
Dredging	No capital dredging required for construction. Maintenance limited to use of a long reach excavator to remove sand buildup. Water depth to be maintained at: at least -1.0 metres chart datum at the toe of the ramp; and at least -1.2 metres at the jetties.

<i>Major terrestrial components</i>	
Access road	Expansion of existing road: 1.5 kilometres. Sealed road surface: 7.4 metres wide. Road corridor: 14.4 metres wide.
Car parking	Approximately 1 hectare for 100 vehicles (accommodating coaches and vehicles with trailers).
Water tanks	2000 litre tank for potable drinking water; 2000 litre tank for groundwater (hand washing / fish cleaning).
Public toilet facility	Dry compost fully sealed system (no water required for flushing).
Fish cleaning facility	Solid waste reception facilities (to be disposed at Coral Bay waste disposal site). Liquid waste to be discharged to groundwater soak.
Fuel storage tanks	10,000 to 20,000 litres of diesel fuel to be stored in 2 low- profile steel storage tanks, located in lined and bunded storage area. Fuel storage constructed to at least Australian Standard AS 1940–1993.

Figures (attached)

Figure 1 – Location of Monck Head boating facility; and

Figure 2 – Layout of Monck Head boating facility.

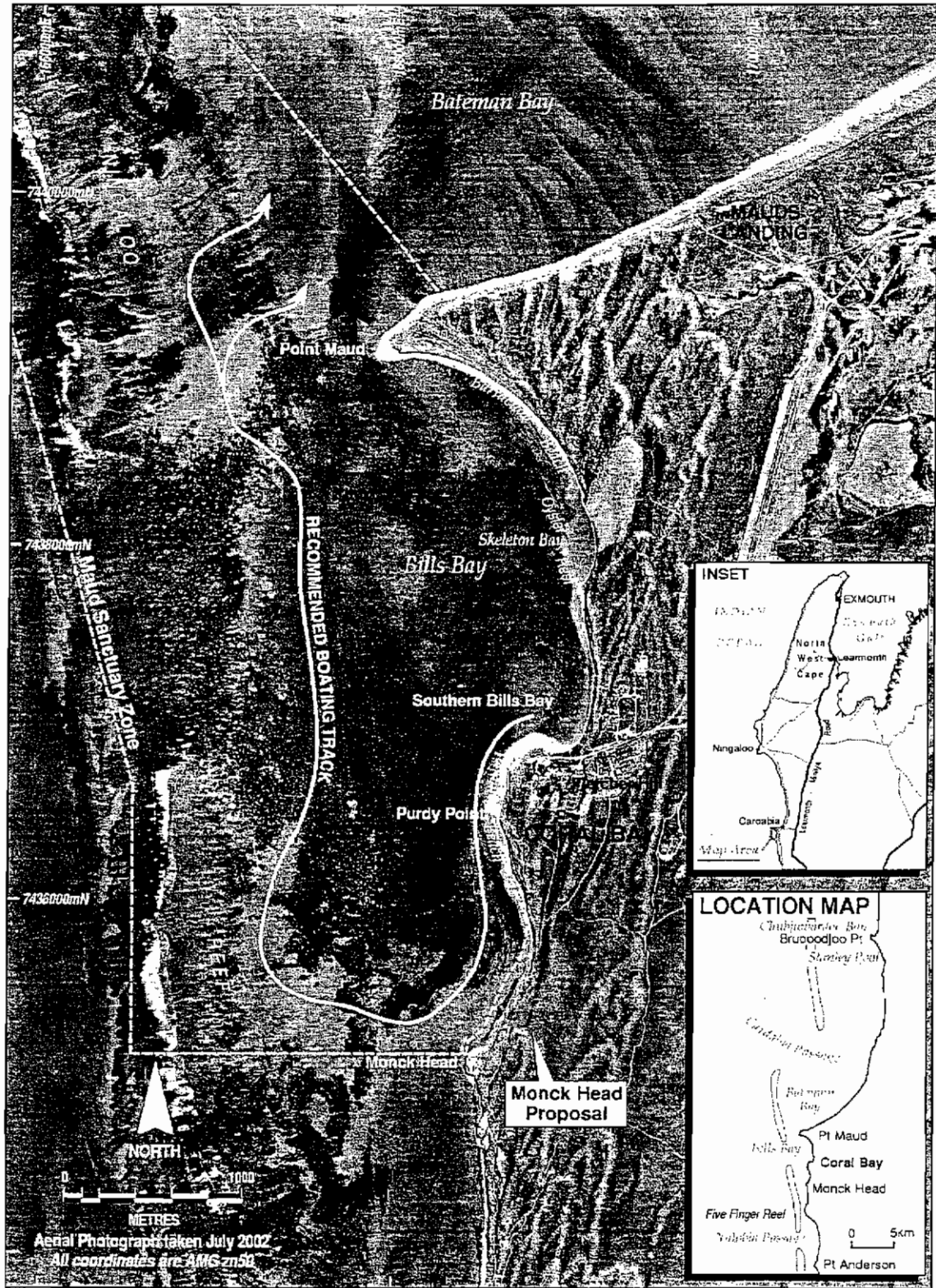


Figure 1: Location of Monck Head boating facility

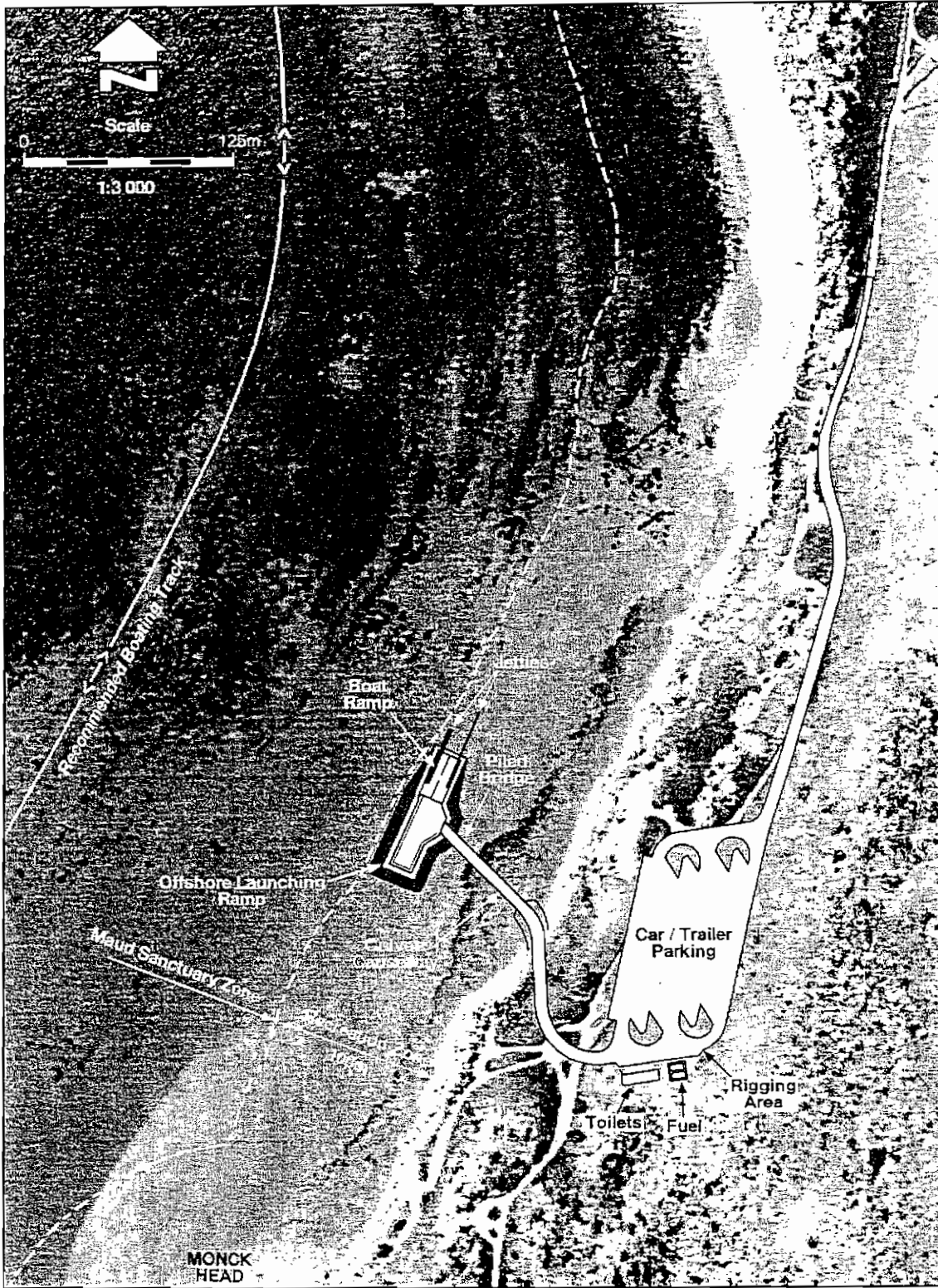


Figure 2: *Layout of Monck Head boating facility*

Proponent's Environmental Management Commitments

May 2004

**Coral Bay Boating Facility
Monck Head, Coral Bay
Shire of Carnarvon**

(Assessment No. 1186)

Proponent's Environmental Management Commitments

Coral Bay Boating Facility, Monck Head (Assessment No. 1186), May 2004

Note: The term "commitment" as used in this schedule includes the entire row of the table and its six separate parts as follows:

- a commitment number;
- a commitment topic;
- the 'action' to be undertaken by the proponent;
- the objective of the commitment;
- the timing requirements of the commitment; and
- the body/agency to provide technical advice to the Department of Environmental Protection.

NO	TOPIC	ACTIONS	OBJECTIVE(S)	TIMING	ADVICE
1	Construction Environmental Management Plan	<p>Prepare and make publicly available a Construction Environmental Management Plan to address:</p> <ol style="list-style-type: none"> 1. design of roads, carparks and stormwater management systems; 2. timing and duration of construction; 3. management of construction traffic and public access to the site; 4. management of dust and noise; 5. monitoring (including the identification of alert and action triggers) and management of turbidity and sedimentation associated with construction of marine structures; 6. education of all site personnel regarding the protection of Aboriginal heritage sites and the provisions of the <i>Aboriginal Heritage Act 1972</i>; 7. signage; and 8. collection of baseline (i.e. pre-construction) water and sediment quality data. 	<p>The key objectives of the Construction Environmental Management Plan include:</p> <ul style="list-style-type: none"> • design and construct terrestrial facilities to minimise the impact of construction on dunes and associated vegetation; • design and construct marine facilities to minimise physical damage to the surrounding marine biota and structure; • control public access to the site and the speed of construction traffic to minimise risks to the public and native fauna; • minimise erosion and prevent sedimentation into the marine environment; • ensure that dust and noise levels caused by construction activities do not adversely impact on the welfare and amenity of users of Coral Bay, by meeting statutory requirements and acceptable standards; • manage turbidity levels from construction to meet acceptable criteria in order to protect the values of the Ningaloo Marine Park; and 	Prior to construction	Shire of Carnarvon CALM DIA Museum

NO	TOPIC	ACTIONS	OBJECTIVE(S)	TIMING	ADVICE
			<ul style="list-style-type: none"> ensure that construction activities comply with the requirements of the <i>Aboriginal Heritage Act 1972</i> and requirements arising from Native Title negotiations. 		
2	Construction Environmental Management Plan	Implement the Construction Environmental Management Plan referred to in commitment 1.	Achieve the objectives of commitment 1.	During construction.	Shire of Carnarvon CALM DIA Museum
3	Rehabilitation Environmental Management System	<p>Have in place, and make publicly available, a Rehabilitation Environmental Management System to address:</p> <ol style="list-style-type: none"> rehabilitation of areas disturbed by construction activities; planting of appropriate local native species for rehabilitation; monitoring and on-going management of rehabilitated areas; rehabilitation plans for the marine environment degraded during construction; and translocation plans for living biota (ie coral) which will otherwise be destroyed during construction, to other locations within the sanctuary zone. 	<p>Key objectives of the Rehabilitation Environmental Management System include:</p> <ul style="list-style-type: none"> stabilise dunes disturbed by construction activities to minimise erosion; the use of local native species; and aid the recovery of the marine habitat from disturbance during construction. 	Prior to and post-construction	CALM Shire of Carnarvon Museum
4	Operations Environmental Management System	<p>Have in place, and make publicly available, an Operations Environmental Management System to address:</p> <ol style="list-style-type: none"> ongoing management responsibilities for terrestrial (e.g. signage, roads, carparks, stormwater, waste management) and marine (e.g. boat ramps, breakwaters, boat fuelling) elements of the boating facility; establishment of environmental values and quality objectives for the facility consistent with the principles of the National Water Quality Management Strategy (NWQMS); 	<p>The key objectives of the Operations Environmental Management System are to:</p> <ul style="list-style-type: none"> identify monitoring and management responsibilities for the ongoing operation of the facility; monitor and maintain roads and carparks, to protect public safety; monitor and maintain stormwater management systems to protect marine water quality; 	Prior to and during operation.	CALM MPRA Shire of Carnarvon DPI Museum

NO	TOPIC	ACTIONS	OBJECTIVE(S)	TIMING	ADVICE
		<ol style="list-style-type: none"> 3. development of site-specific criteria (guidelines and standards) on the basis of baseline data (where there are no generic criteria) against which to measure whether environmental values are protected and objectives met; 4. ongoing annual water quality monitoring against criteria; 5. ongoing bi-annual sediment quality monitoring against criteria; 6. development and implementation of adaptive management strategies to protect agreed values if environmental quality standards are exceeded; 7. management of waste generated at the facility according to best management practice; 8. boating safety at the facility including navigation markers, access channels, warning signs and provision of free boating guide; 9. management of maintenance dredging of the facility according to a Dredging Environmental Management Plan (DEMP), based on the principles in the Memorandum of Understanding for Maintenance Dredging currently being developed between the DPI, DEP and EPA; and 10. a cyclone contingency plan for operation of the boating facility. 	<ul style="list-style-type: none"> • monitor and manage environmental quality consistent with the NWQMS to protect the values of the Ningaloo Marine Park; • minimise pollution and feral animal proliferation from waste generated at the facility; • minimise safety risk to users of boating facility and surrounding area; and • monitor and manage maintenance dredging activities to protect the values of the Ningaloo Marine Park. 		
5	Pollution Contingency Management System	<p>Have in place, and make publicly available, a Pollution Contingency Management System according to best management practice to address:</p> <ol style="list-style-type: none"> 1. responsibilities of the response team for a spill incident; 2. assessment of an incident; 3. deployment of spill response equipment; 4. post-incident audit and debriefing procedures; 5. storage and maintenance of response equipment; 6. potential environmental impacts of a pollution incident at the facility; and 7. provision of training and availability of people to respond to oil spill incidents. 	<p>To implement agreed actions in the event of a pollution incident and to mitigate potential environmental impacts of a pollution incident (e.g. fuel spill) at the facility to minimise impacts on the values of the Ningaloo Marine Park.</p>	Prior to and during operation	DPI CALM MPRA Museum

NO	TOPIC	ACTIONS	OBJECTIVE(S)	TIMING	ADVICE
6	Stakeholder Consultation Strategy	Prepare and implement a Stakeholder Consultation Strategy which addresses: <ol style="list-style-type: none"> 1. continuation of stakeholder consultation; 2. incorporation of outcomes into the final design and management; 3. opportunities to discuss the management plans with stakeholders; and 4. reporting on environmental performance. 	To ensure that consultation with stakeholders continues and that outcomes are incorporated into the final design and on-going management of the proposal.	Prior to and during construction	

Abbreviations:

CALM	Department of Conservation and Land Management	DPI	Department for Planning and Infrastructure
DEP	Department of Environmental Protection	EPA	Environmental Protection Authority
DIA	Department of Indigenous Affairs	MPRA	Marine Parks and Reserves Authority

Attachment 1– Change to Proposal (Statement 652)

PROPOSAL: CORAL BAY BOATING FACILITY, MONCK HEAD, CORAL BAY, SHIRE OF CARNARVON

PROPONENT: DEPARTMENT OF PLANNING AND INFRASTRUCTURE

CHANGE: IN SCHEDULE 1, TABLE 1: KEY PROPOSAL CHARACTERISTICS

FROM:

ELEMENT	QUANTITIES/DESCRIPTION
OFFSHORE BOAT LAUNING RAMP	RAMPS FACING NORTHEAST
PILED BRIDGE AND CAUSEWAY	PILED BRIDGE AND CULVERT CAUSEWAY APPROXIMATELY 75 M LONG
JETTIES	TWO JETTIES, ONE ON EITHER SIDE OF THE TWO RAMPS.
OFFSHORE MOORINGS	APPROXIMATELY 15
CHANNEL MARKERS	MARKING OF RECOMMENDED BOATING TRACK FROM MONCK HEAD TO POINT MAUD (APPROXIMATELY 7 KM)
DREDGING	NONE FOR CONSTRUCTION. MAINTENANCE DREDGING USING A LONG REACH EXCAVATOR TO REMOVE SAND BUILD UP
ACCESS ROAD	1.5 KM LONG. 7.4 M SEALED SURFACE WIDTH, 14.4 M ROAD CORRIDOR WIDTH.
CAR PARKING	1 HECTARE: 100 VEHICLES
WATER TANKS	2,000 LITRE TANK FOR POTABLE WATER 2,000 LITRE TANK FOR HAND WASHING AND FISH CLEANING (GROUNDWATER)
PUBLIC TOILET FACILITY	DRY COMPOST SYSTEM
FISH CLEANING FACILITY	SOLID WASTE RECEPTACLES. LIQUID WASTE DISCHARGED TO GROUNDWATER SOAK.
FUEL STORAGE TANKS	2 LOW PROFILE STEEL TANKS, STORING UP TO 20,000 LITRES.

TO:

ELEMENT	QUANTITIES/DESCRIPTION
OFFSHORE BOAT LAUNING RAMP	RAMPS FACING NORTH
PILED BRIDGE	PILED BRIDGE, APPROXIMATELY 87 M LONG, NO CAUSEWAY
JETTIES	TWO JETTIES. ONE ON ONE SIDE OF THE DUAL RAMPS. SEPARATE SERVICE JETTY FINGER BREAKWATER WITH WALKWAY
OFFSHORE MOORINGS	CALM TO MANAGE AS PART OF MARINE PARK MANAGEMENT PLAN, SEPARATE TO THIS PROPOSAL
CHANNEL MARKERS	NO CHANGE
DREDGING	NO CHANGE
ACCESS ROAD	ROAD ALIGNMENT MOVED BEHIND PRIMARY DUNES. 8 M SEALED WIDTH, 20 M RESERVE WIDTH. SERVICE CORRIDOR: WATER, WASTEWATER, POWER.
CAR PARKING	1 HECTARE: 124 VEHICLES, INCLUDING COACHES AND CARS WITH TRAILERS.

ELEMENT	QUANTITIES/DESCRIPTION
WATER TANKS	WATER SOURCED DIRECTLY FROM TOWN SUPPLY
PUBLIC TOILET FACILITY	CONNECTED TO MAIN TOWN SEWER
FISH CLEANING FACILITY	SEALED DISPOSAL FACILITY FOR SOLID WASTE. LIQUID WASTE PUMPED BACK TO TOWN.
FUEL STORAGE TANKS	ABOVE GROUND 55 KL SELF BUNDED WRAP TANK.

NEW ELEMENTS	QUANTITIES/DESCRIPTION
COMMERCIAL TENDER MOORINGS	TEN COMMERCIAL TENDER MOORINGS FOR ACCESS TO OFFSHORE MOORINGS
COASTER AND DISABLED SET DOWN AREA	LOCATED ON THE OFFSHORE LAUNCHING RAMP (ISLAND) FOR IMPROVED ACCESS
LOW LEVEL LANDING	LOW TIDE ACCESS FOR DISABLED PASSENGERS AND COMMERCIAL TENDERS
DINGY LAUNCHER	FOR LAUNCHING ROOF MOUNTED DINGHIES
ON-SITE GENERATOR	SOURCE POWER DIRECT FROM TOWN SUPPLY
PUBLIC LIGHTING	LOW LEVEL LIGHTING FOR RAMPS, JETTIES, BRIDGE, FISH CLEANING AND ABLUTIONS

Figure 1. Comparison of Footprints

Figure 2. Design October 2005-12-20

Approval Date: 22/12/05

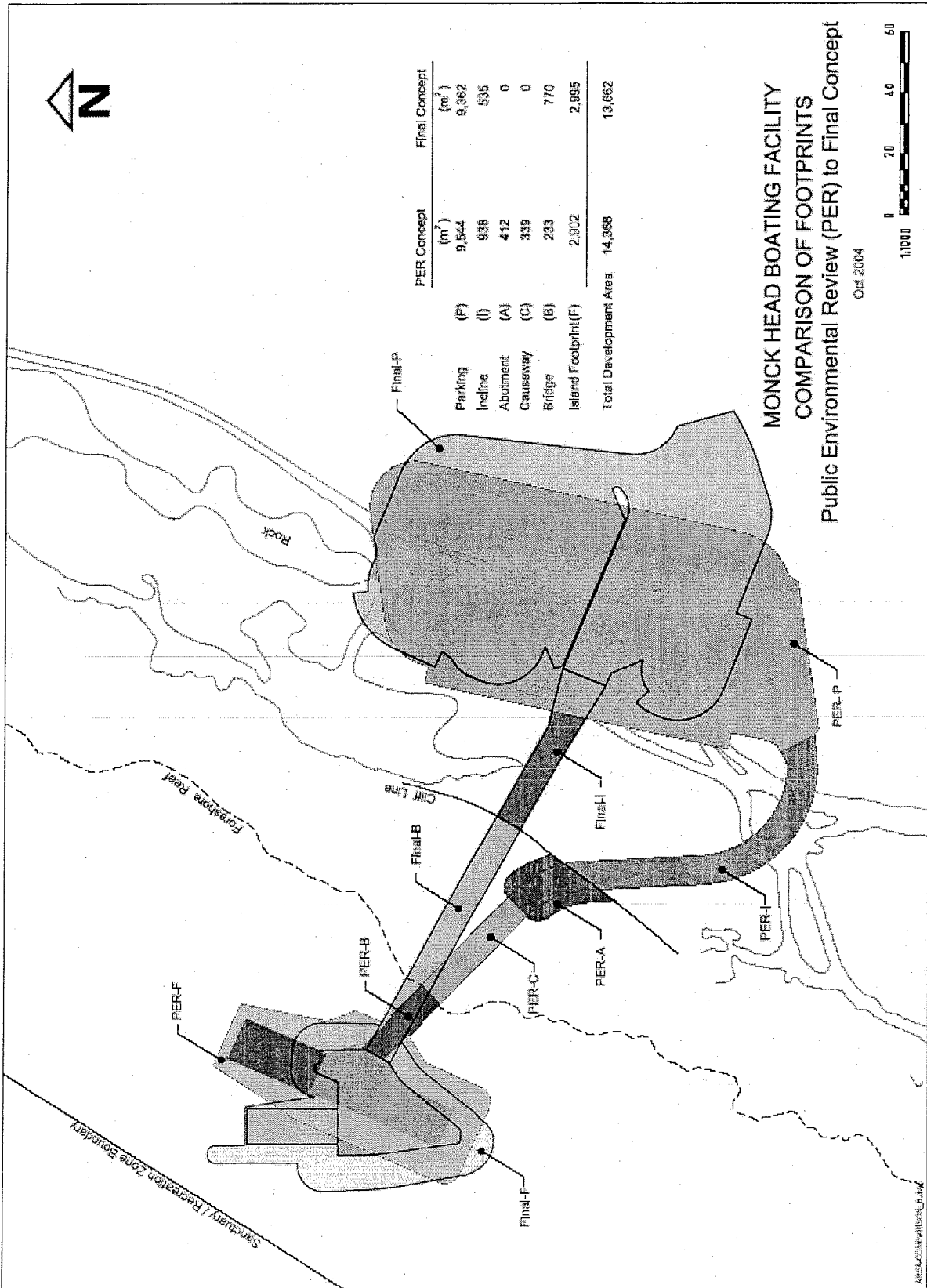


Figure 1: Monck Head Boating Facility Comparison of Footprints.

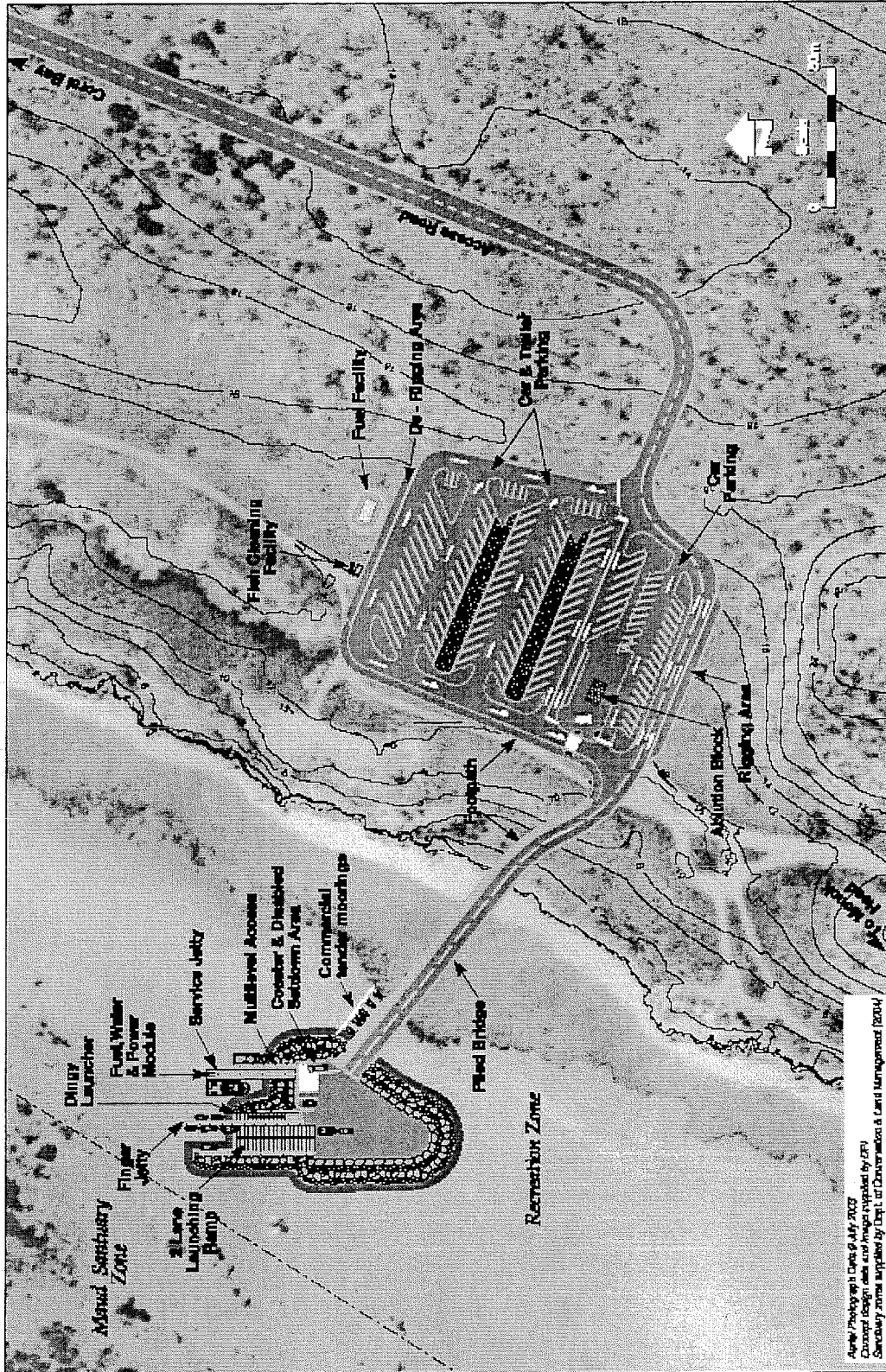


Figure 2
 Revision 1
 Job No. 11/000061
 Date 11 November 2005



**CORAL BAY BOATING FACILITY
 CONCEPT DESIGN OCTOBER 2005**



Figure 2: Coral Bay Boating Facility Concept Design October 2005

April Photography Date 6 July 2003
 Concept design ideas and images supplied by DPI
 Secondary zones supplied by Dept. of Conservation & Land Management (2004)

Attachment 2 – Change to Proposal (Statement 652)

PROPOSAL: Coral Bay Boating Facility, Monck Head, Coral Bay, Shire of Carnarvon

PROPONENT: Department for Planning and Infrastructure

CHANGE: In Schedule 1, table 1 – key proposal characteristics (changes from Section 45c approved in December 2005)

FROM:

ELEMENT	QUANTITIES/DESCRIPTION
Offshore boat launching ramp	Ramps facing north
Piled bridge	Piled bridge, approximately 87 metres long, no causeway
Jetties	Two jetties. One on one side of the dual ramps. Separate service jetty Finger breakwater with walkway
Offshore moorings	CALM to manage as part of marine park management plan, separate to this proposal
Channel markers	No change
Dredging	No change
Access road	Road alignment moved behind primary dunes. 8 metre sealed width, 20 metre reserve width. Service corridor: water, wastewater, power.
Car parking	1 hectare: 124 vehicles, including coaches and cars with trailers.
Water tanks	Water sourced directly from town supply
Public toilet facility	Connected to main town sewer
Fish cleaning facility	Sealed disposal facility for solid waste. Liquid waste pumped back to town.
Fuel storage tanks	Above ground 55 kilo litre self banded wrap tank.
Commercial tender moorings	Ten commercial tender moorings for access to offshore moorings
Coaster and disabled set down area	Located on the offshore launching ramp (island) for improved access
Low level landing	Low tide access for disabled passengers and commercial tenders
Dingy launcher	For launching roof mounted dinghies
On-site generator	Source power direct from town supply
Public lighting	Low level lighting for ramps, jetties, bridge, fish cleaning and ablutions

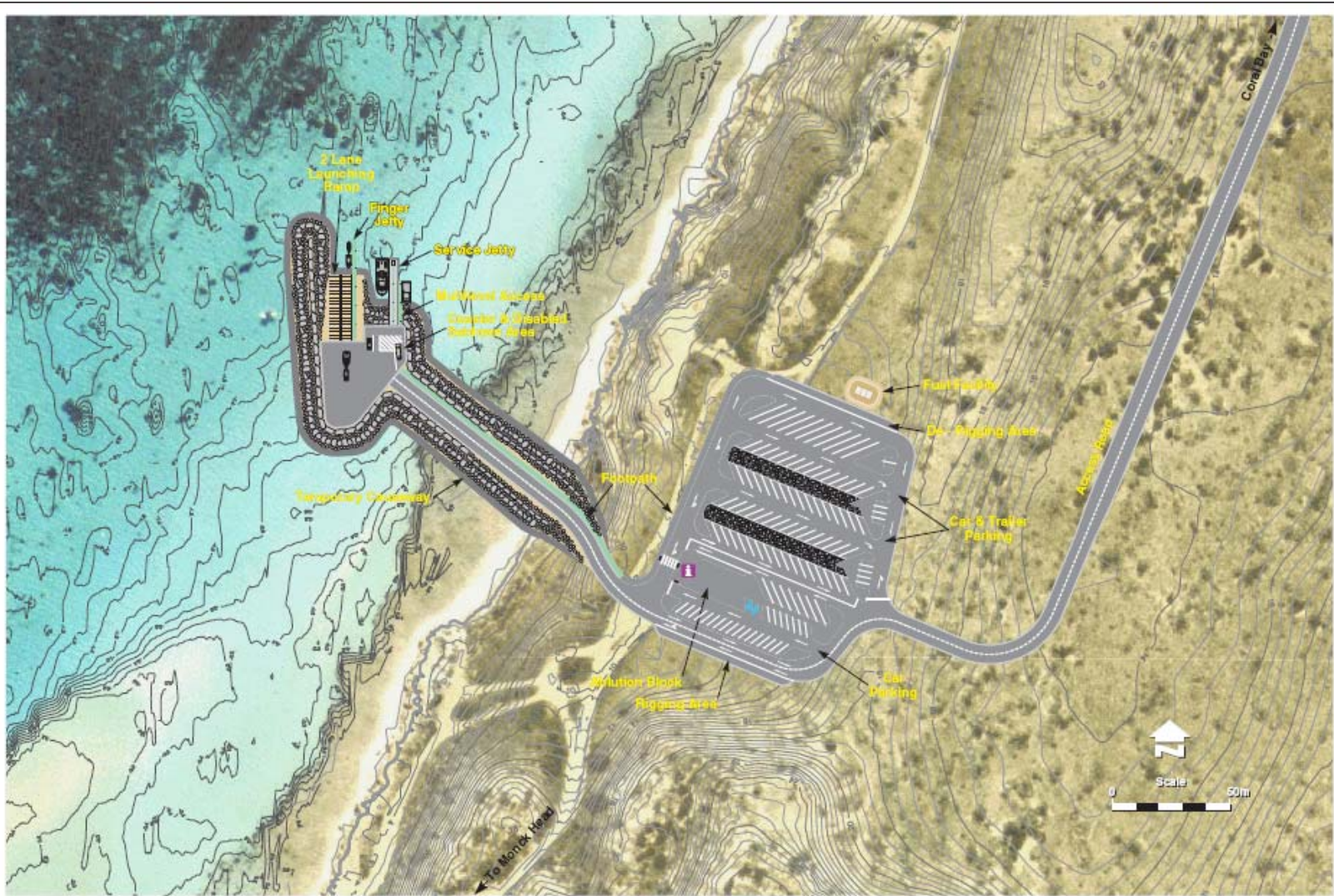
TO:

ELEMENT	QUANTITIES/DESCRIPTION
Offshore boat launching ramp	Wave screen jetty structure to be replaced by a groyne structure
Piled bridge	Bridge construction deferred in stage 1. Temporary solid causeway to be constructed in stage 1.

ELEMENT	QUANTITIES/DESCRIPTION
Jetties	Wave screen jetty structure to be replaced by a groyne structure
Offshore moorings	No change
Channel markers	No change (works complete)
Dredging	No capital dredging. Frequency of maintenance dredging using long reach excavator to increase.
Access road	No change
Car parking	No change
Water tanks	Deferred in stage 1
Public toilet facility	Deferred in stage 1
Fish cleaning facility	Deferred in stage 1 until water supply is available
Fuel storage tanks	Deferred in stage 1 until power supply is available
Commercial tender moorings	No change
Coaster and disabled set down area	No change
Low level landing	No change
Dingy launcher	No change
On-site generator	No change
Public lighting	Deferred in stage 1

Figure 1: Coral Bay Boating Facility Concept Design October 2006

Approval Date: 6 October 2006



CORAL BAY BOATING FACILITY
CONCEPT DESIGN STAGE ONE OCTOBER 2006

Figure 1: Coral Bay Boating Facility Concept Design October 2006