



CAUTION
Submerged old posts pose a hazard at low tide.
Mariners are advised to navigate with care.



Bureau of Meteorology
Recorded Cyclone Warning Service 1300 659 210
Internet Address <http://www.bom.gov.au/weather/cyclone/>

Notes:

1. This plan is not to be used for navigation. Use Department of Transport nautical chart Coral Bay WA1108.
2. Positions on this plan are related to the Map Grid of Australia, Zone 49, based on the Geodetic Datum of Australia (GDA 94). For GPS use, this approximates WGS 84.
3. Sounding Datum is Chart Datum, which is zero on the tide gauge and 1.0m below Mean Sea Level.
4. Hydrographic Survey dated 1999 to 2004 and April 2014.

Significant Heights

1.9m	HAT
1.4m	MHWS
1.2m	MHWN
1.0m	Mean Sea Level
0.8m	MLWN
0.5m	MHWS
0.0m	Datum



CORAL BAY MARITIME FACILITY CYCLONE CONTINGENCY PLAN

November 2016 – April 2017

Purpose of the Plan

Within the limits of the Department of Transport's (Transport) and the Department of Parks and Wildlife's (DPAW) responsibilities and authority, define procedures to: maximise the opportunity for vessels to be removed from the Ningaloo Marine Park; reduce the risk to life and vessels operating in the area; and protect as far as possible the Maritime Facility infrastructure and environment during the development of a cyclonic event.

Activation of the Plan

The Plan is to be automatically activated once a Cyclone Watch or Warning has been issued for the Coral Bay area. The initial activation will be an internal process at Transport generated by Transport's Manager Northern Facilities Operations (MNFO) involving preliminary basic actions.

The activation involving maritime facility users will commence on the issue of a Blue Alert for the Coral Bay area.

Harbour Coordinator

The Harbour Coordinator (HC) will be appointed by the Transport MNFO and may seek assistance from the following people on the issue of a Blue Alert:

Transport MNFO Gascoyne	9947 8201	0427 099 207	9949 2078 facsimile
Gwenda Kempton (Transport SRO Carnarvon)	9941 6805	0407 993 831	9941 1067 facsimile
David Skene (Transport SRO Exmouth)	9947 8201	0418 910 027	9949 2078 facsimile
Stuart Fitzgerald (Transport RO Exmouth)	9949 4284	0447 856 774	9949 2078 facsimile
DPAW Duty Officer	9947 8000	0427 984 977	
DFES OIC Frazer McGregor		0427 848 655	
DoT Satellite Phone		0420 107 049	
DoT after hours		0472 843 288	

Contact details may change. If you are experiencing difficulties, contact: Exmouth Police 9947 8700.

For medical or other emergency 000.

Harbour Coordinator's Role

Facilitate the coordination of activities at the maritime facility in accordance with this Plan and the Code of Conduct.

Facilitate a flow of information between maritime facility users.

Provide a link with the Exmouth SES and Police.

Responsibilities of Masters and Owners of Vessels

Masters and owners who choose to operate in cyclone prone areas during the cyclone season: do so at their own risk; need to be watchful for the development of severe weather; are responsible for ensuring their vessels have an onboard cyclone contingency plan; and should have a current copy of this Plan onboard the vessel.

Furthermore, masters and owners are responsible for: the safety of crew and vessel; the capacity to remove the vessel from the maritime facility and marine park; and any damage that may be caused to other vessels and public facilities by their vessel.

This Plan in no way replaces the legal obligations of owners and masters of vessels, nor does it seek to over-ride the responsibility of a master to take appropriate precautions for the safety of the crew, or to interfere with the master's independent discretion.

In the general course of business no one is empowered under the Plan to direct or instruct the master or owner of a vessel in such a way that their legal obligations to their crew and to their vessel are compromised. However in instances where the HC determines the actions of a vessel master endanger the lives of maritime facility users, the HC reserves the right to invoke legislative powers to give a direction to the vessel master to avoid any potential loss of life. The HC must fully consider the level of reasonableness in giving the direction.

The Maritime Facility is a sheltered anchorage only and cannot be guaranteed to be a safe haven. In accordance with Transport's Code of Conduct and DPAW's operators licence conditions, the commercial vessels are to be removed from the maritime facility and marine park during the Cyclone Blue/Yellow Alert phases. Furthermore, there are no suitable onshore public shelters at the facility for crew during a cyclone.

No vessels are permitted to remain alongside the maritime facility at the late stages of Yellow Alert before the Red Alert has been called.

Communication with Harbour Coordinator

The public telephone network (including mobile and facsimile services) should be used as much as possible to coordinate activities. The Harbour Operation Centre (HOC) is located at the Coral Bay DFES building located at Banksia Drive, Coral Bay.

Frequencies will be monitored while DFES staff are in attendance at the Control Centre:

VHF	Channel 16	UHF	Channel 30 (CB)
27MHz	Channel 88 & 90		

A 24 hour, 7 day week HF service operates from the Water Police Coordination Centre that monitors the 4125, 6215 and 8291 kHz distress and calling frequencies. This service covers WA coastal waters within 200 nautical miles off shore. The closest transceiver is at Port Hedland and the callsign is "Coast Radio Hedland".

Important Note: Harbour Coordinators, Operators, Masters and Vessel Owners please consider your "DUTY OF CARE" responsibilities to remain safe and reduce risk of accidents or injury.

Tidal Storm Surge

Maritime facility users need to be aware that a significant positive storm surge may coincide with a high astronomical tide to result in an extreme water level. The effect of storm surge is most severe when these extreme meteorological events occur in conjunction with high tide. It is reasonable to expect a positive tidal storm surge to result in a water level above the deck levels of the service jetty. If practicable, the Harbour Coordinator will monitor any significant surge.

Cyclone Mooring Arrangements (Guideline only)

Use of the Jetties and Pens is not considered to be a safe practice during a cyclone event and Masters and Owners need to make alternative arrangements for their vessels (including dinghies). Prior to or upon announcement of a cyclone watch or warning for the Coral Bay area Masters and Owners need to remove their vessels from the water.

Refer to Harbour Coordinator if unsure of arrangements.

Overview of the Plan

1. Cyclone Watch or Warning

MNFO activates internal processes within Transport awaiting the issue of a Blue Alert:

- Make contact with Transport Exmouth Senior Regional Officer and Regional Facilities Coordinator to provide a situation status report of activity at the maritime facility.
- Confirm availability of HOC at the DFES Operations Centre.

2. SES Stage BLUE

The MNFO appoints the Harbour Coordinator on the issue of the blue alert.

Harbour Coordinator's actions:

- Maintain a link with DPAW, Police, DFES and the SES.
- Establish HOC in Coral Bay DFES Operations Centre.
- "Close" the recreational boat launching ramp to outbound traffic. Place "ramp closed to outbound vessels" sign.
- Oversee and assist with the coordination of the removal of commercial vessels from the marine park via the maritime facility. [Bills Bay beach access remains available for commercial operators – liaise with DPAW.]

Masters and Owners duty:

- Operators with vessels capable of being removed from the marine park using a jinker should make preparations and take actions well in advance with regard to tides. Operators should remove vessels on a suitable tide if the opportunity is available, rather than waiting for a Yellow Alert to be called, which may not coincide with favourable tides for the use of jinkers.
- Ensure tenders and any equipment are removed from the maritime facility.
- Comply with DPAW's operator licence conditions.

3. SES Stage YELLOW

Harbour Coordinator's actions:

- Subject to the conditions, while safe to do so, continue to assist with the coordination of the removal of commercial vessels from the marine park via the maritime facility.
- Any vessel known to usually be in the area, but have not been accounted for, should be notified to Police.
- Seek appropriate shelter until SES declares the "All Clear"

Masters and Owners duty:

- **Ensure commercial vessels have been removed from the maritime facility and marine park.**

4. SES Stage RED

There are no actions defined for the Harbour Coordinator. Consider your own safety and observe standard SES procedures. **No vessels to be berthed at the maritime facility during this alert.**

5. SES Stage "All Clear"

Harbour Coordinator's actions:

- When it is safe to do so (winds/rain have subsided), inspect facility precinct to identify any situation(s) requiring high priority attention.
- Arrange for the inspection of navigation markers and transfer moorings to ascertain any damage.

Masters/Owners duty:

- Exercise care in launching commercial vessels back into the marine park over the maritime facility.
- Advise the Harbour Coordinator and/or DPAW officers of any known hazards or damage to facilities or moorings.

Acknowledgment

This Cyclone Contingency Plan has been prepared in consultation with the users of the Coral Bay Maritime Facility. The Plan has the potential to preserve life and property. Your support is crucial to the effectiveness of the Plan.



Government of **Western Australia**
Department of **Transport**

This document is available at: http://www.transport.wa.gov.au/imate/what_to_do_in_an_emergency.asp