

Appendix 1 – Karumba

Extreme Weather Event Contingency Plan 2023 - 2024

Department of Transport and Main Roads — Maritime Safety Queensland, November 2023

Document history

Date	Version	Comments
September 2023	1	Original
November 2023	1.1	Minor amendments, inclusion of chartlet (Map S10c-9-8)

Karumba

This port-specific plan must be read in conjunction with the full Extreme Weather Event Contingency Plan document, available on the MSQ webpage <https://www.msq.qld.gov.au/safety/preparing-for-severe-weather> .

Extreme Weather Event

The hazards covered under this plan include CYCLONE and FLOOD. One or more hazards may occur simultaneously.

Yellow – Advice

Destructive Winds, Swell, Rain or Riverine Flooding Forecast Within 24-48 Hours

- Review all cargo or trading operations and obtain a situation report on state of operations including draft.
- Inform ships' masters of situation and place a short notice to sail.
- Obtain information on length of time to bring ships to a readiness to sail.
- Inform Regional Harbour Master (Cairns) via Karumba Harbour of situation and ascertain suitable sailing times and draft requirements.
- If time permits, resume cargo, trading operations or ballast operations. Bring ship to satisfactory handling trim and safe transit draft.
- All smaller vessels should prepare to move to designated cyclone mooring areas upstream in the Norman River (Appendix A)
- Owners of recreational vessels are to follow the directions given in the chartlet (map) at the end of this Appendix.
- **Note: When conditions are deteriorating, every endeavour will be made to accommodate the working of cargo in the available time, allowing for tidal constraints.**

Orange – Watch and Act

Destructive Winds, Swell, Rain or Riverine Flooding Forecast Within 12-24 Hours

- Sail all ships (note: It may already have been necessary to have sailed some ships due to tidal conditions).
- In the event that a ship cannot sail, arrange linesmen, instruct master to take standard cyclone precautions.
- On water authorities prepare to depart.

- All small vessels are to move to their designated area and commence final preparations and tying off completed.
- Owners of recreational vessels should be moored in the designated areas with final preparations and tying off complete.

Red - Emergency Warning

Destructive Winds, Swell or Riverine Flooding Forecast Within 6 Hours Port Closed

- Vessels are not to leave their cyclone moorings or designated areas until the official all clear is given by the Regional Harbour Master (Cairns). Only movements of an emergency nature will be permitted during a Red Emergency Warning.

Yellow – Advice

After The Event Has Passed, Recovery Underway

- The Regional Harbour Master will assess residual risks and determine the actions needed to be addressed. Do not assume that as the extreme weather event has passed, it is now safe to move your vessel.
- Vessels, commercial and recreational, are not to leave their cyclone moorings until the official all clear is given by the Regional Harbour Master.
- Mariners should maintain a listening watch on VHF channel 16 and follow advice from Karumba Harbour.
- Movements can be at the RHM's discretion and can be in stages including limited to Internal Port movements until the Channel or areas within the Port are deemed safe.
- Mariners are to consult the latest Notices to Mariners for updated information on Port depths and conditions.

White – All clear

Port open to all traffic, business as usual

A Pilotage area may be effectively re-opened by the Regional Harbour Master following direction to allow the entering or leaving of ships in and out of a pilotage area, or movement of vessels within a pilotage area. Such direction will be provided when satisfied that all danger has passed, and the Pilotage area is safe for vessels to re-enter or exit.

The Vessel Traffic Services Centre will coordinate the safe movement of vessels following the opening of the Pilotage area in accordance with normal practice. Berths will be re-opened and operations resumed when structural assessments have been completed and wind and sea conditions are within operational limits.

Communication

The successful implementation of this plan relies on high quality communication of information and directions.

From the commencement of Yellow Advice, the Police Station will become the Karumba Emergency Control Centre (ECC). The ECC will monitor VHF channel 16 and telephone 4745 9120.

The ECC will relay messages from the Regional Harbour Master (Cairns) and act as co-ordination and control centre.

Once in position, all vessels are to contact the ECC and advise them of the area in which they are moored and how many people will be remaining on board. If a vessel is to be left unattended, its owners are to advise the control centre of their contact telephone numbers.

To ensure an orderly evacuation, the schedule is to be observed when announced by the Regional Harbour Master (Cairns) over VHF channel 16.

Cairns Vessel Traffic Services (VTS) under the call sign '**Karumba Harbour**' maintain a 24-hour listening watch on VHF channel 16.

Karumba Harbour has VHF channel **16** as its working channel.

Mobile telephones have limited coverage at Karumba and can be unreliable.

Volunteer Marine Rescue does not maintain a regular listening watch or schedule at Karumba.

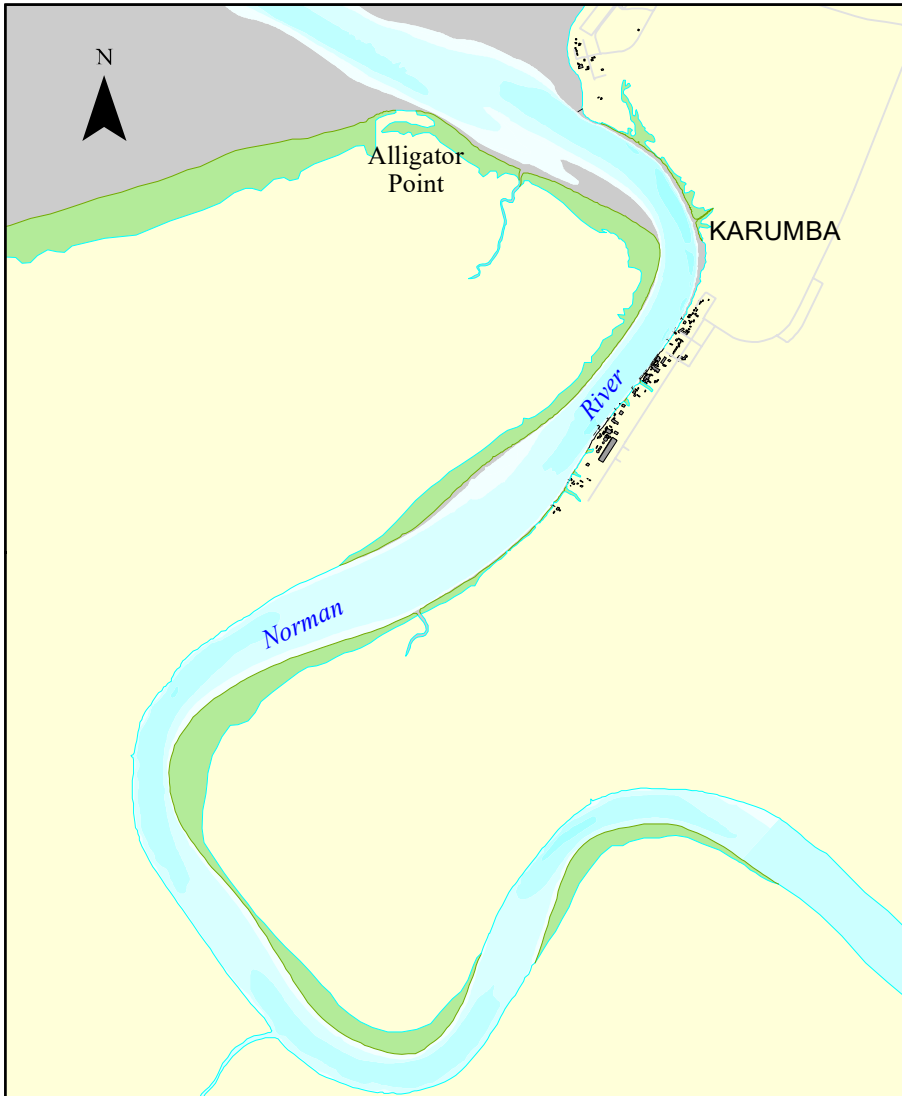
Key Contacts

Name	Contact Number
Regional Harbour Master	07 4052 7400
Karumba Harbour (Cairns VTS)	1300 551 899
Emergency Control Centre	07 4745 9120
Ports North	07 47459522
Karumba Police	07 4745 9120
Boating and Fisheries Patrol	07 4745 9142

Key Websites

Name	URL
Detailed weather updates: BOM	www.bom.gov.au
MSQ Website	www.msq.qld.gov.au
MSQ Dashboard – detailed information on Port closures, Notice to Mariners, Tide Charts and more.	https://www.qldmaritime.msq.qld.gov.au

MARITIME EXTREME WEATHER EVENT PLAN (CYCLONE) PORT OF KARUMBA



Yellow - Advice

- Destructive winds forecast to affect the area within **24 - 48 hours**.
- Suspend loading, obtain situation reports on ships.
 - Inform ships' masters of situation and place on short notice to sail.
 - Obtain information on readiness to sail.
 - Inform RHM of situation and ascertain suitable sailing times.
 - If time and draft permit bring load to satisfactory handling trim.
 - Small vessels move to cyclone mooring areas.

Orange - Watch and Act

- Destructive winds forecast to affect the area within **12 - 24 hours**.
- Sail all ships where possible.
 - Where a ship can't sail, arrange linesmen, instruct master to take standard cyclone precautions.
- All small vessels at cyclone moorings and final preparations and tying off completed.
On water authorities prepare to depart.

Red - Emergency Warning

- Destructive winds forecast to affect the area within **6 hours**.
- Port closed.**
- Vessels are NOT to leave their cyclone moorings until the official ALL CLEAR has been given by the Regional Harbour Master (Cairns).

OBJECTIVE:

To have the port area evacuated at least six hours before destructive winds commence, and to have all vessels safely moored in their designated areas of shelter by that time.

All vessels, other than those being used for emergency purposes, are to evacuate and clear the port area. Owners should be aware that should they leave their vessel in the port area, they may be liable to prosecution and, additionally, be held accountable for any damage that their vessel may cause or incur.

VESSEL COMMUNICATIONS & CONTROL CENTRE:

CAIRNS VTS, at the Harbour Master's Office (Tingira Street) will be the Maritime Control Centre.

VHF Channel 16 will be continuously monitored. The vessel Communications & Control Centre callsign will be "**Karumba Harbour**".

The Harbour Master's requirements for clearing the port of large vessels will generally be:

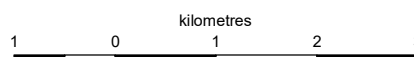
- Wind speeds must not have reached 30 knots.
- Ships must be able to sail, e.g. machinery working and crew on board.
- The ship must be in a suitable trim to sail.
- The ship's deepest draught must give suitable clearance when sailing.

To ensure an orderly evacuation, Masters should be aware of the sudden onslaught of cyclones during the wet season and should take adequate precautions to have their vessels ready to depart at short notice. When the meteorological office advises that a strong tropical depression or cyclone is likely to form, Masters will put their vessels on standby to sail.

The schedule above is to be observed when announced by the Regional Harbour Master (Cairns) over VHF ch 16.

Map S10c-9-8

Map Datum: GDA2020
Map projection: UTM MGA Zone 54
Prepared 14 November 2023
Maritime Safety Queensland - Spatial Services



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