

Port Procedures and Information for Shipping

Port of Karumba

August 2024



Copyright

This publication is protected by the Copyright Act 1968.

© The State of Queensland (Department of Transport and Main Roads) 2024. All rights reserved.

Disclaimer

This publication is provided as a source of information only and the State of Queensland makes no statements, representations or warranties about its accuracy or completeness. To the extent permitted by law, the State of Queensland disclaims all responsibility for decisions or actions taken as a result of any data, information, statement or advice, expressed or implied, contained within and excludes all liability (including, without limitation, liability in negligence) for all expenses, losses, damages and costs that may be incurred.



Harbour Master's Direction

Transport Operations (Marine Safety) Act 1994

Division 2, Subdivision 1, Sections 88 - 92

I, **Captain David Ferguson**, Regional Harbour Master, Cairns am appointed as harbour master under part 7 of Transport Operations (Marine Safety) Act 1994.

Under section 86 of the Transport Operations (Marine Safety) Act 1994 a harbour master may give a direction only if the harbour master reasonably considers it necessary to ensure safety. Further, section 86A of the Transport Operations (Marine Safety) Act 1994 enables a harbour master to give a general direction that applies to all ship owners, ship masters, ships, other persons or matters.

I am satisfied that it is necessary to issue this direction to ensure marine safety in the Port of Karumba. Sections of the Port Procedures and Information for Shipping – Port of Karumba (https://www.msq.qld.gov.au/Shipping) are mandatory and must be complied with.

I DIRECT THAT:

The Port Procedures and Information for Shipping – Port of Karumba must be complied with by all vessels within the Port of Karumba.

Note:

It is an offence to fail to comply with my direction without reasonable excuse. It is also an offence to obstruct a harbour master in the exercise of a power. The maximum penalty is \$20,000 for an individual for each offence. If you fail to comply with my direction, then I may carry out the direction myself, and recover all expenses associated with performing the direction from you as a debt in civil jurisdiction.

Captain David Ferguson

Regional Harbour Master – Cairns

Maritime Safety Queensland

DATED AT CAIRNS THIS 3rd Day of June 2020

Contents

	ocedures and Information for Shipping Karumba	1 1
Conter	nts	4
Table (of Figures	9
Table (of Tables	9
Table (of amendments	10
1.	Introduction	13
1.1	General	13
1.2	Purpose	13
1.3	Datum	14
1.4	Definitions	14
1.4.1	Australian Maritime Safety Authority (AMSA)	14
1.4.2	Australian Standard – AS 3846, 2005	14
1.4.3	Far North Queensland Ports Corporation Limited	14
1.4.4	Length Overall (LOA)	15
1.4.5	Lowest astronomical tide (LAT)	15
1.4.6	Manager (Pilotage Services)	15
1.4.7	Manager (Vessel Traffic Services)	15
1.4.8	Maritime Safety Queensland (MSQ)	15
1.4.9	MASTREP – Modernised Australian Ship Tracking and Reporting System	15
1.4.10	Navigation Act	15
1.4.11	Pilotage exemption certificate (PEC)	15
1.4.12	Queensland Shipping Information Planning System (QSHIPS)	15
1.4.13	REEFREP	16
1.4.14	Reef VTS	16
	Regional Harbour Master (RHM)	16
1.4.16	Sailing time	16
	Slack water	16
	Vessel traffic service operator (VTSO)	16
	Vessel traffic service (VTS)	16
1.5	Contact information	16
1.5.1	Regional Harbour Master (Cairns)	16
1.5.2	Port control	17
1.5.3	Port authority	17
1.6	Rules and regulations	17
1.6.1	General	17

1.6.2	Applicable legislation and regulations	18
2.	Arrival and departure procedures	19
2.1	General	19
2.2	Arrival checklist	19
2.3	Departure checklist	20
2.4	Quarantine	20
2.4.1	Ballast water information	20
2.5	Customs	21
2.6	MASTREP Reporting	21
2.7	Reef user guide	21
2.8	Security	22
3.	Movement notification and traffic procedures	23
3.1	General	23
3.2	Port control	23
3.3	Port Control role	23
3.4	Port Control communications	24
3.5	Language	24
3.6	Voice recordings	24
3.7	Distress and emergency	24
3.8	QSHIPS (Queensland Shipping Information Planning System)	25
3.9	Booking a vessel movement	25
3.10	Reporting defects	25
3.10.1	Reporting Requirements - Arrival reporting requirements	26
3.10.2	Departure and removal reporting requirements	27
3.11	Movement scheduling	28
3.11.1	Confirmation of schedules	28
3.11.2	Schedule changes	28
3.12	Movement clearance notification	28
3.12.1	Clearance for arrivals	29
3.12.2	Clearance for departures	29
3.13	Master / pilot responsibilities	29
3.14	Harbour contact details	29
4.	Port description	30
4.1	General Information	30
4.2	Pilotage area	30
4.3	Load lines	30
4.4	Maximum vessel size	30
4.5	Trim requirements	30
4.6	Time zone	31

4.7	Working nours	31
4.8	Charts and books	31
4.9	Shipping announcements	31
4.9.1	Notices to Mariners	31
5.	Port infrastructure	32
5.1	Berth channel and swing basin information	32
5.2	Leading lights and beacons	32
5.2.1	Beacons – Entrance Channel	32
5.2.2	Leading Lights – Entrance Channel	33
5.2.3	Leading Lights – Middle Channel	33
5.3	Anchorage conditions	33
5.4	Anchorage areas	34
5.4.1	Roadstead anchorage	34
5.4.2	Quarantine anchorage inside the pilotage area	34
5.4.3	Inner channel anchorage	34
5.4.4	Small craft anchorages	34
5.4.5	Prohibited anchorages	35
6.	Weather information	36
6.1	General	36
6.1.1	Extreme weather event contingency plan	36
6.2	Tidal information	36
6.2.1	Tide boards/gauges	36
6.2.2	Tidal flow Karumba Entrance Channel:	37
6.2.3	During periods of prolonged south-easterly winds:	37
6.2.4	During periods of prolonged north-westerly winds:	37
6.2.5	Tidal Information – tsunami effects	37
6.3	Water density	37
7.	Port navigation and movement restrictions	38
7.1	General	38
7.2	Speed	38
7.3	Movement restrictions	38
7.3.1	Under keel clearance (UKC)	38
7.3.2	Static under keel clearance (SUKC)	39
7.3.3	Tug and barge movements	39
7.3.4	Tide rate restrictions	39
7.3.5	Maximum draught movements	39
7.3.6	Passing restrictions	39
7.3.7	Weather restrictions	40
7.3.8	Berthing direction restriction	40

7.4	Approaches to the Norman River	40
7.4.1	Dangers	40
7.4.2	Sailing Directions	40
7.5	Advisory Note – Interaction with Marine Mammals	42
8.	Pilotage	43
8.1	Vessels that require a pilot	43
8.1.1	Night pilotage	43
8.1.2	Request for pilot	43
8.1.3	Notice required	43
8.1.4	Personal Pilot Unit (PPU)	43
8.2	Pilotage area	43
8.2.1	Pilot boarding place	44
8.2.2	Pilot boarding arrangements	44
8.2.3	Passage Planning	45
8.2.4	Pilotage delays and cancellations	45
8.2.5	Alcohol management	45
8.3 licence	Pilot licences, pilotage area endorsements and exemption from pilotage	45
8.3.1	Examination for pilotage exemption area endorsement	45
8.3.2	Cancellation of licences	46
8.4	Pilotage reporting requirements for Torres Strait and Great Barrier Reef	46
9.	Tugs	47
9.1	Tug information	47
9.1.1	Berthing and unberthing	47
10.	Work permits	48
10.1	Request for permit	48
10.2	Work permits description	49
10.2.1	Immobilisation main engines	49
10.2.2	Hot work permit	49
10.2.3	Lifeboat drills	49
10.2.4	Engine trials	49
10.2.5	Notification of handling of bulk liquids/Night fuel transfer	50
10.2.6	Overside maintenance work	50
10.2.7	Gas free status	50
11.	Dangerous cargo	52
11.1	General	52
11.1.1	Notification	52
11.1.2	Dangerous cargo limits	53
	Dangerous cargo events	53

12.	Emergency, pollution, marine incidents	54
12.1	Emergency contact numbers	54
12.2	Authorities	55
12.3	Fire	55
12.3.1	Emergency plans	55
12.4	Marine pollution	56
12.4.1	Reporting	56
12.5	Marine incidents	56
12.5.1	Procedures subsequent to serious marine incidents	57
12.5.2	Marine incident reporting - Maritime Safety Queensland	57
12.5.3	Marine incident reporting – the Australian Maritime Safety Authority	58
12.5.4	Environmental incident reporting	59
12.6	Port community responsibilities	59
12.6.1	Coast Guard	59
13.	Security	60
13.1	General	60
13.1.1	Security levels	61
13.1.2	Maritime security zones	61
13.1.3	Security measures	62
13.1.4	Reporting of incidents	62
13.1.5	Shore access to ships and port facilities	62
13.1.6	Port security contacts	62
13.2	National security	62
14.	Port State Control in Australia	63
15.	Port services	64
15.1	Bunkering	64
15.2	Fresh Water	64
15.3	Waste	64
15.4	Shipping agencies	64
16.	Appendices	65
16.1	Port of Karumba Passage Plan	66
16.2	Port of Karumba Passage Plan Reverse	67
16.3	Port of Karumba	68
16.4	Pilot Boarding Ground	69
16.5	Karumba Berth Layout	70
16.6	Pilotage area	71
16.7	Port and pilotage areas	72
16.8	Permission to Immobilise Main Engines (at berth or anchor)	73

Table of Figures

Figure 1 Minimum approach distances and maximum speeds within proximity to whales and dolphins.			
Table of Tables			
Table 1 - Arrival check list	19		
Table 2 - Departure check list	20		
Table 3 - Inbound reporting requirements	26		
Table 4 - Outbound reporting requirements	27		
Table 5 - Berth information	32		
Table 6 - Channel navigation aids	32		
Table 7 – Pilot boarding places	44		
Table 8 - Permit requests	48		
Table 9 - Minimum notification times	53		

Table of amendments

Contact for enquiries and proposed changes. If you have any questions regarding this document or if you have a suggestion for improvements, please contact:

Contact officer: Regional Harbour Master, Cairns

Phone: +61 74052 7400

Email: vtscairns@msq.qld.gov.au

Revision date	Page number or section	Summary of changes	Approved by
April 2010	-	First Issue	Regional Harbour Master
July 2015	-	Second Issue	Regional Harbour Master
May 2016	1.1	Information amended	Regional Harbour Master
May 2016	1.2	Telephone number updated	Regional Harbour Master
May 2016	3.2	Port Control amended	Regional Harbour Master
May 2016	3.2.1	Information correction	Regional Harbour Master
May 2016	3.6	QSHIPS entry	Regional Harbour Master
May 2016	3.7	Pilotage delay fees explanation added	Regional Harbour Master
May 2016	3.11	Port Control amended	Regional Harbour Master
May 2016	3.12.1	Port Control amended	Regional Harbour Master
May 2016	3.12.2	Port Control amended	Regional Harbour Master
May 2016	4.3	Wunma reference removed	Regional Harbour Master
May 2016	5.1	Dredge reference removed	Regional Harbour Master
May 2016	6.1	27Mhz reference removed	Regional Harbour Master
May 2016	6.3	Information updated	Regional Harbour Master
May 2016	8.2.1	Pilot reference updated	Regional Harbour Master
May 2016	10.1	Table updated	Regional Harbour Master
May 2016	10.2.1	Spelling correction	Regional Harbour Master
May 2016	10.2.3	Customs reference updated	Regional Harbour Master
May 2016	10.2.5	Night fuel transfer added	Regional Harbour Master
May 2016	11.1.3	Port Control amended	Regional Harbour Master
May 2016	12.5.1	Heading amended	Regional Harbour Master
May 2016	12.5.2	DCV added	Regional Harbour Master
May 2016	12.5.4	Information amended	Regional Harbour Master
May 2016	12.5.5	Port Control amended	Regional Harbour Master
May 2016	13.1.3	Telephone numbers updated	Regional Harbour Master
May 2016	15.2	Telephone numbers updated	Regional Harbour Master

May 2016	16.2	Form removed	Regional Harbour Master
June 2016	All	Updated to new TMR format	Regional Harbour Master
September 2016	Various	Update of TOMSA/TOMSR	Regional Harbour Master
January 2017	5.2.3	Leading Lights	Regional Harbour Master
June 2017	2.2	Updated Customs document timeframes	Principal Manager – Vessel Traffic Management
June 2017	2.5	Updated Customs document timeframes	Principal Manager – Vessel Traffic Management
June 2017	1.2	Information updated	Regional Harbour Master
June 2017	1.5.3	Amended	Regional Harbour Master
June 2017	2.3	Amended	Regional Harbour Master
June 2017	2.4.1	Link updated	Regional Harbour Master
June 2017	3.3	Updated	Regional Harbour Master
June 2017	6.2	Link updated	Regional Harbour Master
June 2017	7.3.4	Updated	Regional Harbour Master
June 2017	10.1	ABF reference removed	Regional Harbour Master
June 2017	10.2.3	ABF reference removed	Regional Harbour Master
June 2017	12.3	Amended	Regional Harbour Master
June 2017	13.1.3	GFS removed	Regional Harbour Master
June 2017	14	Link updated	Regional Harbour Master
June 2017	15.2	Updated	Regional Harbour Master
June 2017	16.8	Email address amended	Regional Harbour Master
June 2017	Various	Updated minor TMR formatting, reviewed/updated hyperlinks	Regional Harbour Master
August 2017	2.7 & 2.8	Information updated	Regional Harbour Master
August 2017	2.8.1	Section removed	Regional Harbour Master
December 2017	7.3.1	Section added	Regional Harbour Master
July 2018	3.2.2	Information updated	Regional Harbour Master
July 2018	7.3.2	Information updated	Regional Harbour Master
July 2018	10.1	Information updated	Regional Harbour Master
July 2018	12.1	Information updated	Regional Harbour Master
July 2018	12.3	Information updated	Regional Harbour Master
July 2018	12.5.6	Information updated	Regional Harbour Master
July 2018	16	Information updated	Regional Harbour Master

	1		
September 2018	12.4 and 12.4.1	Information updated	Regional Harbour Master
December 2018	Various	Information updated	Regional Harbour Master
February 2019	7.4.2	Information updated	Regional Harbour Master
April 2019	8.1.4	Information added	Regional Harbour Master
April 2019	16.1, 16.2 and 16.3	Information updated	Regional Harbour Master
June 2020	RHM Direction	Information updated	Regional Harbour Master
December 2020	Various	Information added/updated	Regional Harbour Master
July 2021	16	Information updated	Regional Harbour Master
July 2022	16	Information updated	Regional Harbour Master
December 2022	1.5.2, 3.7. 3.14. 12.1	Contact Information Updated	Regional Harbour Master
December 2022	16.8	Information added	Regional Harbour Master
January 2023	Entire document	Amending broken links and correcting outdated corporate forms. Correction of numbering.	Regional Harbour Master
June 2023	7.5, 8.2.3	Information updated	Regional Harbour Master
August 2024	Entire document	Information updated	Regional Harbour Master