

Port Procedures and Information for Shipping

Port of Mourilyan

July 2025

Creative Commons information

© State of Queensland (Department of Transport and Main Roads) 2024



<http://creativecommons.org/licences/by/4.0/>

This work is licensed under a Creative Commons Attribution 4.0 Licence. You are free to copy, communicate and adapt the work, as long as you attribute the authors.

The Queensland Government supports and encourages the dissemination and exchange of information. However, copyright protects this publication. The State of Queensland has no objection to this material being reproduced, made available online or electronically but only if its recognised as the owner of the copyright and this material remains unaltered.



The Queensland Government is committed to providing accessible services to Queenslanders of all cultural and linguistic backgrounds. If you have difficulty understanding this publication and need a translator, please call the Translating and Interpreting Service (TIS National) on 13 14 50 and ask them to telephone the Queensland Department of Transport and Main Roads on 13 74 68.

Disclaimer: While every care has been taken in preparing this publication, the State of Queensland accepts no responsibility for decisions or actions taken as a result of any data, information, statement or advice, expressed or implied, contained within. To the best of our knowledge, the content was correct at the time of publishing.



**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 Mourilyan. Sections of the Port Procedures and Information for Shipping – Port of Mourilyan (<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 Mourilyan must be complied with by all vessels within the Port of Mourilyan.

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 5th Day of April 2022

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 7 4033 3670

Fax: +61 7 4052 7460

Revision date	Page number or section	Summary of changes	Approved by
May 2009	-	First Issue	Regional Harbour Master
September 2015		Second Issue	Regional Harbour Master
May 2016	1.5.2	Information amended	Regional Harbour Master
May 2016	2.2	Telephone number updated	Regional Harbour Master
May 2016	3.6	Port Control amended	Regional Harbour Master
May 2016	9.1.1	Information correction	Regional Harbour Master
May 2016	10.2	QSHIPS entry	Regional Harbour Master
May 2016	10.2.4	Pilotage delay fees explanation added	Regional Harbour Master
May 2016	12.4.1	Port Control amended	Regional Harbour Master
May 2016	12.5.3	Port Control amended	Regional Harbour Master
May 2016	15.4	Port Control amended	Regional Harbour Master
May 2016	16.1	Wunma reference removed	Regional Harbour Master
June 2016	All	Update to new TMR format	Regional Harbour Master
September 2016	Various	Update of TOMSA/TOMSR	Regional Harbour Master
June 2017	2.2 & 2.5	Updated Customs document timeframes	Principal manager – Vessel Traffic Manager
June 2017	1.1	Information updated	Regional Harbour Master
June 2017	1.2	Information updated	Regional Harbour Master
June 2017	2.4.1	Link updated	Regional Harbour Master
June 2017	3.2	Port Control information added	Regional Harbour Master
June 2017	3.10	Information updated	Regional Harbour Master
June 2017	4.5	Information corrected	Regional Harbour Master
June 2017	6.1	Information updated	Regional Harbour Master
June 2017	8.3.1	Information updated	Regional Harbour Master
June 2017	9.1.2	Tug information updated	Regional Harbour Master
June 2017	10.2	ABF reference removed	Regional Harbour Master

June 2017	12.1	Telephone numbers updated	Regional Harbour Master
June 2017	12.4	Information updated	Regional Harbour Master
June 2017	14	Link updated	Regional Harbour Master
August 2017	2.7 & 2.8	Updated definitions	Regional Harbour Master
August 2017	2.8.1	Removed section	Regional Harbour Master
August 2017	Various	Update TMR formatting & colours	Regional Harbour Master
October 2017	7.9	Updated Night Movement details	Regional Harbour Master
July 2018	1.2	Information updated	Regional Harbour Master
July 2018	1.5.2	Information updated	Regional Harbour Master
July 2018	5.3	Information updated	Regional Harbour Master
July 2018	8.1.1	Information updated	Regional Harbour Master
July 2018	9.1.2	Information updated	Regional Harbour Master
July 2018	12.3	Information updated	Regional Harbour Master
July 2018	12.4.1	Information updated	Regional Harbour Master
July 2018	16.4	Information updated	Regional Harbour Master
September 2018	1.6.2, 12.4 and 12.4.1	TOMPR Update	Regional Harbour Master
November 2018	5.2	Information updated	Regional Harbour Master
April 2019	16.1, 16.2 and 16.3	Information updated	Regional Harbour Master
June 2019	8.3.4	Section added	Regional Harbour Master
July 2019	4.4	Information updated	Regional Harbour Master
July 2019	7.9	Information updated	Regional Harbour Master
October 2019	7.2 and 7.4	Information updated	Regional Harbour Master
June 2020	RHM Direction	Information updated	Regional Harbour Master
December 2020	Various	Information added/updated	Regional Harbour Master
August 2021	4.4	Information updated	Regional Harbour Master
September 2021	8.1.4 and 16	Information updated	Regional Harbour Master
November 2021	9.1	Information updated	Regional Harbour Master
February 2022	Section 7.11 and 9.1.4	Information updated	Regional Harbour Master
May 2022	Various	Information updated	Regional Harbour Master
July 2022	4.4	Information updated	Regional Harbour Master
December 2022	1.5.2, 3.3, 3.4, 12.1, 12.4.1	Contact Information Updated	Regional Harbour Master
December 2022	16.7	Information updated/added	Regional Harbour Master

February 2023	Entire Document	Amending broken links and correcting outdated corporate forms. Correction of numbering.	Regional Harbour Master
June 2023	7.9, 8.22	Information updated	Regional Harbour Master
October 2019	7.2 and 7.4	Information updated	Regional Harbour Master
June 2020	RHM Direction	Information updated	Regional Harbour Master
December 2020	Various	Information added/updated	Regional Harbour Master
August 2021	4.4	Information updated	Regional Harbour Master
September 2021	8.1.4 and 16	Information updated	Regional Harbour Master
November 2021	9.1	Information updated	Regional Harbour Master
February 2022	Section 7.11 and 9.1.4	Information updated	Regional Harbour Master
May 2022	Various	Information updated	Regional Harbour Master
July 2022	4.4	Information updated	Regional Harbour Master
December 2022	1.5.2, 3.3, 3.4, 12.1, 12.4.1	Contact Information Updated	Regional Harbour Master
December 2022	16.7	Information updated/added	Regional Harbour Master
February 2023	Entire Document	Amending broken links and correcting outdated corporate forms. Correction of numbering.	Regional Harbour Master
June 2023	7.9, 8.22	Information updated	Regional Harbour Master
January 2024	8.2.2, 9.1.2 8.2.3,	Information updated New section added	Regional Harbour Master
July 2024	7.3	Information corrected	Regional Harbour Master
October 2024	Various	Broken links updated	Regional harbour Master
July 2025	9 and Various	Tugs information amended to Engage Marine details	Regional Harbour Master

Contents

Port Procedures and Information for Shipping	1
Port of Mourilyan	1
Creative Commons information	2
Table of amendments	4
Contents	vii
Table of Figures	xii
Table of Tables	xii
1. Introduction	1
1.1 General	1
1.2 Purpose	1
1.3 Datum	2
1.4 Definitions	2
1.4.1 Australian Maritime Safety Authority - (AMSA)	2
1.4.2 Australian Standard - AS 3846, 2005	2
1.4.3 Far North Queensland Ports Corporation Limited (FNQPC)	3
1.4.4 Great Barrier Reef Marine Park Authority (GBRPMA)	3
1.4.5 Length Over All (LOA)	3
1.4.6 Lowest astronomical tide (LAT)	3
1.4.7 Manager (Pilotage Services)	3
1.4.8 Manager (Vessel Traffic Services)	3
1.4.9 Maritime Safety Queensland (MSQ)	3
1.4.10 MASTREP – the Modernised Australian Ship Tracking and Reporting System	3
1.4.11 Navigation Act	3
1.4.12 Pilotage Exemption Certificate (PEC)	3
1.4.13 Queensland Shipping Information Planning System (QSHIPS)	4
1.4.14 REEFREP	4
1.4.15 Reef VTS	4
1.4.16 Regional Harbour Master (RHM)	4
1.4.17 Sailing time	4
1.4.18 Vessel Traffic Service Operator (VTSO)	4

1.4.19	Vessel Traffic Service (VTS)	4
1.5	Contact information	4
1.5.1	The Regional Harbour Master	4
1.5.2	Port control	5
1.5.3	Port Authority	5
1.6	Rules and regulations	5
1.6.1	General	5
1.6.2	Applicable legislation and regulations	6
2.	Arrival and departure procedures	7
2.1	General	7
2.2	Arrival check list	7
2.3	Departure check list	8
2.4	Quarantine	8
2.4.1	Ballast water information	8
2.5	Customs	9
2.6	MASTREP Reporting	9
2.7	Reef user guide	9
2.8	Security	10
3.	Movement notification and traffic procedures	11
3.1	General	11
3.2	Port control	11
3.2.1	Port control role	11
3.2.2	Port control communications	12
3.2.3	Language	12
3.2.4	Voice recordings	12
3.3	Harbour contact details	12
3.4	Distress and emergency	13
3.5	Prior notification of movements	13
3.6	QSHIPS (Queensland Shipping Information Planning System)	14
3.7	Booking a vessel movement	14
3.8	Reporting defects	14
3.8.1	Reporting Requirements – Arrival reporting requirements	15
3.8.2	Departure and removal reporting requirements	16
3.9	Movement scheduling	17
3.9.1	Confirmation of schedules	17
3.9.2	Schedule changes	17

3.10	Movement clearance notification	17
3.11	Master / pilot responsibilities	17
4.	Port description	18
4.1	General	18
4.2	Pilotage area	18
4.3	Load lines	18
4.4	Maximum vessel size	18
4.5	Trim requirements	18
4.6	Time zone	19
4.7	Working hours	19
4.8	Charts and books	19
4.8.1	Notices to Mariners	19
5.	Port infrastructure	20
5.1	Berth channel and swing basin information	20
5.1.1	Berth Headings	20
5.2	Leading lights and beacons	20
5.3	Anchoring	21
5.4	Anchorage Areas	21
6.	Weather information	22
6.1	General	22
6.1.1	Extreme Weather Contingency Plan	22
6.2	Tidal information	22
6.2.1	Tide boards/gauges	22
6.2.2	Tidal information – tsunami effects	23
6.3	Water density	23
7.	Port navigation and movement restrictions	24
7.1	General	24
7.2	Speed	24
7.3	Channel depths	24
7.3.1	Swing basin	24
7.4	Approaches to Mourilyan	24
7.5	Tidal restrictions	25
7.6	Under keel clearance	25
7.7	Adverse weather conditions	25
7.8	Part Loaded Tankers	25

7.9	Advisory Note – Interaction with Marine Mammals	26
8.	Pilotage	27
8.1	Vessels that require a pilot	27
8.1.1	Request for pilot	27
8.1.2	Notice required	27
8.1.3	Pilotage transit times	27
8.1.4	Personal Pilot Unit (PPU)	27
8.2	Pilotage area	28
8.2.1	Pilot boarding place	28
8.2.2	Pilot boarding arrangements	28
8.2.3	Pilot /Personnel Transfer Safety	28
8.2.4	Passage planning	28
8.2.5	Pilotage delays and cancellations	29
8.2.6	Alcohol management	29
8.3	Pilot licences, pilotage area endorsements and exemption from pilotage licences	29
8.3.1	Examination for pilotage exemption area endorsement	29
8.3.2	Cancellation of licences	29
8.4	Pilotage requirements for Torres Strait and Great Barrier Reef (GBR)	29
9.	Tug procedures	31
9.1	Tug information	31
9.1.1	Notification of tugs	31
9.1.2	Tug requirements	31
9.1.3	Lines launches	31
9.1.4	Part Loaded Tankers	32
9.1.5	Request for Tug Reduction	32
9.1.6	Bow and stern thrusters	32
10.	Work permits	33
10.1	General	33
10.2	Work Permit Description	34
10.2.1	Immobilisation main engines	34
10.2.2	Hot work permit	35
10.2.3	Boat drills	35
10.2.4	Notification of handling of bulk liquids/Night fuel transfer	35
10.2.5	Overside maintenance work	36
10.2.6	Gas free status	36

11.	Dangerous cargo	37
11.1	General	37
11.1.1	Notification	37
11.1.2	Dangerous cargo limits	38
11.1.3	Dangerous cargo events	38
12.	Emergency, pollution, marine incidents	39
12.1	Emergency contact numbers	39
12.2	Authorities	40
12.3	Fire	40
12.3.1	Emergency Plans	41
12.4	Marine pollution	41
12.4.1	Reporting	41
12.5	Marine incidents	42
12.5.1	Procedures subsequent to serious Marine Incidents	42
12.5.2	Marine Incident Reporting – Maritime Safety Queensland	42
12.5.3	Marine Incident reporting – Australian Maritime Safety Authority	43
12.5.4	GBRMPA Incident Report Form	43
12.5.5	Environmental Incident Reporting	44
12.6	Port Community Responsibilities	44
13.	Security	45
13.1	General	45
13.1.1	Security levels	46
13.1.2	Maritime security zones	46
13.1.3	Security measures	47
13.1.4	Reporting Of Incidents	47
13.1.5	Refuse Ship Entry – No International Ship Security Certificate	47
13.1.6	Shore Access To Ships And Port Facilities	47
13.1.7	Port security contacts	47
13.2	National security	48
14.	Port state control inspections	49
15.	Port services	50
15.1	Bunkering	50
15.2	Fresh water	50
15.3	Waste	50
15.4	Shipping agencies	50

15.5	Miscellaneous contacts	51
16.	Appendices	52
16.1	Port of Mourilyan	53
16.2	Mourilyan harbour	54
16.3	Pilot Boarding Ground and Anchorage	55
16.4	Pilotage plans	56
16.5	Gas-free status declaration	57
16.6	Permission to Immobilise Main Engines	58
16.7	Application for Reduction in Tugs	59

Table of Figures

Figure 1 Minimum approach distances and maximum speeds within proximity to whales and dolphins.	26
---	----

Table of Tables

Table 1 Arrival check list	7
Table 2 Departure check list	8
Table 3 Channel call signs	12
Table 4 Pre-entry notification times	13
Table 5 Inbound reporting requirements	15
Table 6 Outbound reporting requirements	16
Table 7 Berth Information	20
Table 8 Navigation Aids	20
Table 9 Tidal information	23
Table 10 Channel design depths	24
Table 11 Enage Tugs	31
Table 12 Permit requests	33
Table 13 Dangerous cargo minimum notification times	38