

Port Procedures and Information for Shipping Port of Thursday Island
October 2024



# **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 Thursday Island (Port Kennedy). Sections of the Port Procedures and Information for Shipping – Port of Thursday Island (Port Kennedy) (https://www.msg.gld.gov.au/Shipping) are mandatory and must be complied with.

#### I DIRECT THAT:

The Port Procedures and Information for Shipping – Port of Thursday Island (Port Kennedy) must be complied with by all vessels within the Port of Thursday Island (Port Kennedy).

#### 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 3<sup>rd</sup> Day of June 2020

### **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
August 2011	-	First Issue	Regional Harbour Master
September 2015	-	Second Issue	Regional Harbour Master
May 2016	1.3	Spelling correction	Regional Harbour Master
May 2016	2.3.1	Spelling correction	Regional Harbour Master
May 2016	2.4	QSHIPS entry	Regional Harbour Master
May 2016	2.5	Information correction	Regional Harbour Master
May 2016	2.6.1	QSHIPS entry	Regional Harbour Master
May 2016	2.9	Spelling correction	Regional Harbour Master
May 2016	2.10	Reef VTS information correction	Regional Harbour Master
May 2016	2.10.1	Information correction	Regional Harbour Master
May 2016	2.15.1	Spelling correction	Regional Harbour Master
May 2016	2.16	Spelling correction	Regional Harbour Master
May 2016	3.14	Coast Radio HF broadcast correction	Regional Harbour Master
May 2016	4.5.1	Information correction	Regional Harbour Master
May 2016	4.6.3	DCV inclusion	Regional Harbour Master
May 2016	4.6.7	Telephone numbers updated	Regional Harbour Master
May 2016	7	Inclusion of new paragraph – Work Permits	Regional Harbour Master
June 2016	All	Updated to new TMR format	Regional Harbour Master
September 2016	Various	Update of TOMSA/TOMSR	Regional Harbour Master
June 2017	2.14	Updated Customs document time frames	Principal Manager – Vessel Traffic Management
June 2017	2.7.2	Format corrected	Regional Harbour Master
June 2017	2.17	Format corrected	Regional Harbour Master
June 2017	3.1.3	VMR information updated	Regional Harbour Master
June 2017	4.6.7	VMR information updated	Regional Harbour Master

June 2017	6.4	Madge Reef PEL added	Regional Harbour Master
June 2017	7.1	ABF requirement removed	Regional Harbour Master
June 2017	7.2.3	ABF requirement removed	Regional Harbour Master
June 2017	7.2.3	Text corrected	Regional Harbour Master
June 2017	7.2.5	Information updated	Regional Harbour Master
June 2017	Various	Updated minor TMR formatting, reviewed/updated hyperlinks	Regional Harbour Master
August 2017	2.11 & 2.12	Information updated	Regional Harbour Master
August 2017	2.11.1	Section removed	Regional Harbour Master
June 2018	4.5.1	Information updated	Regional Harbour Master
June 2018	6.4	Information updated	Regional Harbour Master
June 2018	7.1	Information updated	Regional Harbour Master
September 2018	4.5 and 4.5.1	TOMPR updates	Regional Harbour Master
April 2019	8.1 and 8.2	Information updated	Regional Harbour Master
May 2019	2.9 3.1.4	Information updated Section removed	Regional Harbour Master
June 2020	RHM Direction 8.1 and 8.2	Information updated	Regional Harbour Master
December 2020	Various	Information added/updated	Regional Harbour Master
November 2021	16	Information added	Regional Harbour Master
October 2022	16.1, 16.2 and 8.1.4	Information updated	Regional Harbour Master
December 2022	1.5.2, 3.6, 3.8, 3.14, 4.8.1, 12.1	Contact Information updated	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, 8.2.2	Information updated	Regional Harbour Master
January 2024	Entire document; 8.1.5, 8.2.3	Updated formatting and improved accessibility. New sections added - Cruise Ship Requirements & Pilot /Personnel Transfer Safety	Regional Harbour Master
July 2024	5.4.2 and 7.3.1	Information updated	Regional Harbour Master
October 2024	Various	Broken links updated	Regional Harbour Master

## **Contents**

Creative (	Commons information	2
Table of amendments		4
Table of F	igures	. 11
Table of	Tables	. 11
1.	Introduction	. 12
1.1	General	. 12
1.2	Purpose	.12
1.3	Datum	.13
1.4	Definitions	13
1.4.1.	Australian Maritime Safety Authority	. 13
1.4.2.	Australian Standard – AS 3846, 2005	. 13
1.4.3.	Far North Queensland Ports Corporation Limited	. 14
1.4.4.	Great Barrier Reef Marine Park Authority (GBRPMA)	14
1.4.5.	Length overall (LOA)	14
1.4.6.	Lowest astronomical tide (LAT)	. 14
1.4.7.	Manager (Pilotage Services)	. 14
1.4.8.	Manager (Vessel Traffic Management)	. 14
1.4.9.	Maritime Safety Queensland (MSQ)	. 14
1.4.10.	MASTREP – the Modernised Australian Ship Tracking and Reporting	
	System	
1.4.11.	Navigation Act	
1.4.12.	Pilotage Exemption Certificate (PEC)	
1.4.13.	Queensland Shipping Information Planning System	
1.4.14.	REEFREP	
1.4.15.	Reef VTS	
1.4.16.	Regional Harbour Master (RHM)	
1.4.17.	Sailing time	
1.4.18.	Vessel Traffic Service Operator (VTSO)	
1.4.19.	Vessel Traffic Service (VTS)	
1.5	Contact Information	
1.5.1.	The Regional Harbour Master (Cairns)	
1.5.2.	Thursday Island Port Control	
1.5.3.	Port Authority	
1.6	Rules and Regulations	
1.6.1.	General	
1.6.2.	Applicable legislation and regulations	
2.	Arrival and departure procedures	
2.1	General	
2.2	Arrival Checklist	
2.3	Departure checklist	19

2.4	Quarantine	19
2.4.1.	Ballast water information	19
2.5	Customs	20
2.5.1	Customs – yacht arrivals	20
2.6	MASTREP reporting	20
2.7	Reef user guide	21
2.8	Security	21
3.	Movement notification and traffic procedures	22
3.1	General	22
3.2	Port control	22
3.2.1.	Port control role	22
3.3	Port control communications	23
3.4	Language	23
3.5	Voice recordings	23
3.6	Distress and emergency	23
3.7	QSHIPS (Queensland Shipping Information Planning System)	24
3.8	Ship movement reporting requirements	24
3.9	Passenger ship bookings	24
3.10	Reporting defects	25
3.10.1.	Reporting Requirements – Arrival reporting requirements	25
3.10.2.	Departure and removal reporting requirements	27
3.11	Movement scheduling	27
3.11.1.	Confirmation of schedules	27
3.11.2.	Schedule changes	27
3.12	Movement clearance notification	28
3.13	Master/Pilot responsibilities	28
3.14	Harbour contact details	28
4.	Port description	30
4.1	General Information	30
4.2	Pilotage area	30
4.3	Maximum vessel size	31
4.4	Trim requirements	31
4.5	Time Zone	31
4.6	Working hours	31
4.7	Charts and books	31
4.8	Shipping announcements	32
4.8.1	Notices to Mariners	32
5.	Port infrastructure	33
5.1	Berth, channel and swing basin information	33
5.1.1	Port navigation depths	33
5.2	Leading lights and Beacons	33
5.3	Anchorage conditions	34
5.4	Anchorage areas	34

5.4.1	Normanby Sound Anchorage	35
5.4.2	Brisbane Rock West Anchorage	
5.4.3	Inner Harbour Anchorage	
5.4.4.	Ships at anchor	35
5.4.5.	Prohibited anchorages	35
6.	Weather information	36
6.1	General	.36
6.1.1	Extreme Weather Contingency Plan	36
6.1.2	Tidal (storm) surge	36
6.1.3.	Flood	36
6.2	Tidal information	.36
6.2.1	Tidal streams	36
6.2.2	Seasonal effects on tides	37
6.3	Water density	.37
7.	Port navigation and movement restrictions	
7.1	General	
7.2	Speed	.38
7.3	Movement restriction	
7.3.1	Under keel clearance	39
7.4	Approaches to Thursday Island	.39
7.4.1	Geographical details	
7.4.2	Approaches to Thursday Island Harbour	
7.5	Advisory note – interaction with marine mammals	
8.	Pilotage	
8.1	Vessels that require a pilot	
8.1.1	Night pilotage	
8.1.2	Requests for pilot	41
8.1.3	Notice required	41
8.1.4	Personal Pilot Unit (PPU)	42
8.1.5	Cruise Ship Requirements	42
8.2	Pilotage Area	.42
8.2.1	Pilot boarding places	42
8.2.2	Pilot boarding arrangements	43
8.2.3	Pilot /Personnel Transfer Safety	43
8.2.4	Passage planning and bridge resource management (BRM)	43
8.2.5	Pilotage delays and cancellation fees	44
8.2.6	Alcohol management	44
8.3	Pilot licences, pilot area endorsements and exemption from pilotage	
	licences	.44
8.3.1	Examination for pilotage exemption area endorsement	
8.3.2	Cancellation of licences	
8.4	Pilotage reporting requirements for Torres Strait and Great Barrier Reef	.44
9.	Tugs	

10.	Work permits	47
10.1	General	47
10.2	Permit requests	47
10.3	Work permits description	48
10.3.1	Immobilisation main engines	48
10.3.2	Hot work permit	48
10.3.3	Boat drills	48
10.3.4	Engine trials	49
10.3.5	Notification of handling of bulk liquids – Night Fuel Transfer	49
10.3.6	Overside maintenance work	49
11.	Dangerous goods	50
11.1	General	50
11.1.1	Notification	50
11.1.2	Dangerous cargo limits	51
11.1.3	Dangerous cargo events	51
12.	Emergency, pollution, marine incidents	52
12.1	Emergency contact numbers	52
12.2	Authorities	53
12.3	Fire	53
12.3.1	Emergency plans	53
12.4	Marine pollution	54
12.4.1	Ship sourced sewage	54
12.4.2	Reporting	54
12.5	Marine incidents	55
12.5.1	Procedures subsequent to serious marine incidents	55
12.5.2	Marine Incident Reporting – MSQ	55
12.5.3	Marine Incident Reporting – Australian Maritime Safety Authority	56
12.5.4	Marine Incident reporting - Great Barrier Reef Marine Park Authority	57
12.5.5	Environmental Incident Reporting	57
12.6	Port community responsibilities	57
13.	Security	58
13.1	General	58
13.1.1	Security levels	59
13.1.2	Maritime security zones	59
13.1.3	Security measures	60
13.1.4	Reporting of incidents	60
13.1.5	Refuse ship entry – no International Ship Security Certificate	60
13.1.6	Shore access to ships and port facilities	60
13.1.7	Port security contacts	60
13.2	National Security	61
14.	Port state control in Australia	62
15.	Port services	63
15.1	Port facilities	63

15.1.1	Airport	63	
15.1.2	Ferry	63	
15.2	Shipping agencies	63	
16.	Appendices	65	
16.1	Port of Thursday Island – Pilotage Plan	66	
16.2	Passage Plans	67	
16.3	Port of Port Kennedy (Thursday Island) Port and pilotage areas and pilot		
	boarding grounds	68	
16.4	Port of Port Kennedy	69	
16.5	Permission to Immobilise Engines	70	

## **Table of Figures**

Figure 1 Minimum approach distances and maximum speeds within proximity to whales and dolphins.	40
Table of Tables	
Table 1 - Arrival checklist	18
Table 2 - Departure checklist	19
Table 3 – Port control communications	23
Table 4 - Inbound Reporting Requirements	26
Table 5 – Departure and Removal Reporting Requirements	27
Table 6 – minimum design depths	33
Table 7 – Leading lights and beacons	
Table 8 – Permit requests	47
Table 9 – Dangerous goods notification	51