

Port Procedures and Information for Shipping – Abbot Point

October 2024

Creative Commons information

© State of Queensland (Department of Transport and Main Roads) 2022



<http://creativecommons.org/licenses/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 it's 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.



Queensland
Government

Department of
Transport and Main Roads

HARBOUR MASTER'S DIRECTION

Transport Operations (Marine Safety) Act 1994

Division 2, Subdivision 1, Section 86 - 92

I, Captain Frank D'Souza, Regional Harbour Master, Townsville, 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 Abbot Point. Sections of the Port Procedures and Information for Shipping – Port of Abbot Point (<http://www.qld.gov.au/Shipping.aspx>) are mandatory and must be complied with. Only those sections listed in Schedule 1 are mandatory by this general direction.

I DIRECT THAT:

The sections of the Port Procedures Information for Shipping – Abbot Point listed in Schedule 1 of this direction must be complied with by all ship owners, ship masters, ships, other persons or matters in the Port of Abbot Point.

Note:

It is an offence to fail to comply with my direction without a reasonable excuse. It is also an offence to obstruct a harbour master in the exercise of a power. The maximum penalty is 200 penalty units 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 for you as a debt in civil jurisdiction.

A handwritten signature in black ink, appearing to read "Frank D'Souza".

Captain Frank R. D'Souza
Regional Harbour Master (Townsville)
Maritime Safety Queensland

DATED AT Townsville this 14th day of October 2024

Schedule 1

Section	Title
2.1	Arrival Departure Report
2.2	Booking a Vessel Movement
2.3	Booking a Vessel Movement QSHIPS
2.9	Dangerous Goods
3.1.2	Departure and Removal Reporting Requirements
3.5	Prior Notification of Movements
3.9	Anchoring
3.10	Movement information and Permission to Proceed
3.14	Reporting Defects
4.6	Trim Requirements
7.1	Under Keel Clearance, Arrivals
7.2	Dynamic Under Keel clearance, departures
8.4	Pilot transfer instructions
8.5.1	Departure Route
9.0	Tug procedures
10.0	Work permits
12	Emergency, pollution, marine incidents
12.4.1	Marine Pollution Reporting
12.6	Marine Incident
12.6.4	Marine Incident Reporting

Contents

Creative Commons information	2
Contents	5
List of Tables	9
Table of amendments.....	10
1. Introduction.....	11
1.1 General.....	11
1.2 Purpose	11
1.3 Datum.....	12
1.4 Definitions.....	12
1.4.1 Australian Maritime Safety Authority (AMSA).....	12
1.4.2 AS 3846 – 2005 – Australian Standard.....	12
1.4.3 Bridge Resource Management (BRM).....	12
1.4.4 Dynamic Under Keel Clearance (DUKC).....	12
1.4.5 Gross Registered Tonnage (GRT).....	13
1.4.6 International Maritime Organization (IMO).....	13
1.4.7 International Maritime Dangerous Goods Code (IMDG Code)	13
1.4.8 Length Overall (LOA).....	13
1.4.9 Lowest Astronomical Tide (LAT).....	13
1.4.10 Manager Pilotage Services.....	13
1.4.11 Manager Vessel Traffic Management.....	13
1.4.12 MASTREP – Modernised Australian Ship Tracking and Reporting System.....	13
1.4.13 MSQ – Maritime Safety Queensland	13
1.4.14 North Queensland Bulk Ports Corporation (NQBP).....	13
1.4.15 QSHIPS – Queensland Shipping Information Planning System	14
1.4.16 REEFREP.....	14
1.4.17 Reef VTS.....	14
1.4.18 Regional Harbour Master (RHM)	14
1.4.19 Sailing time	14
1.4.20 Vessel Traffic Service Operator (VTSO).....	14
1.4.21 Vessel Traffic Service (VTS).....	14
1.5 Contact information.....	15
1.5.1 The Regional Harbour Master	15
1.5.2 VTS Centre	15
1.5.3 Port Authority.....	15
1.6 Rules and Regulations.....	15
1.6.1 General.....	15
1.6.2 Applicable Regulations	16
1.6.3 Exemptions and permits	16
2. Arrival and departure procedures.....	17
2.1 Arrival/departure reporting obligations	17
2.1.1 Reporting to VTS	17
2.1.2 Permission to proceed within a Port VTS area or a Pilotage area	18
2.2 Booking a vessel movement.....	18
2.3 QSHIPS (Queensland Shipping Information Planning System).....	19
2.4 Arrival check list.....	20
2.5 Departure check list.....	21
2.6 Quarantine.....	21
2.6.1 Ballast water information	21

2.7	Customs (Australian Border Force)	22
2.8	Arrival/departure report.....	22
2.9	Dangerous goods	22
2.10	MASTREP	22
2.11	Reef VTS	23
2.12	Security.....	23
3.	Movement notification and traffic procedures	24
3.1	General.....	24
3.2	Vessel Traffic Service (VTS).....	24
3.2.1	Abbot Point VTS area	25
3.2.2	VTS Role	25
3.3	VHF Communications.....	26
3.3.1	Language.....	26
3.3.2	Voice recordings	26
3.4	Harbour contact details.....	26
3.5	Prior notification of movements	27
3.6	Pilotage delays	27
3.7	Tug and tow requirements.....	27
3.7.1	Operational conditions	27
3.7.2	Notification.....	28
3.8	Scheduling of ship movements.....	28
3.8.1	Schedule changes	28
3.9	Anchoring	28
3.10	Movement information and Permission to Proceed	29
3.10.1	Arrivals – Permission to proceed	29
3.10.2	Removals – Permission to proceed	29
3.10.3	Departures – Permission to proceed	30
3.11	Arrival reporting requirements	30
3.12	Departure and removal reporting requirements	31
3.13	Detained Vessels.....	32
3.14	Reporting Defects	32
3.15	Access to Regional Harbour Master (Townsville)	32
4.	Port description	33
4.1	General.....	33
4.2	Pilotage area	33
4.3	Abbot Point Compulsory Pilotage Area.....	33
4.4	Load lines	34
4.5	Maximum vessel size.....	34
4.6	Trim requirements	34
4.7	Air draft	35
4.8	Time zone	35
4.9	Working hours	35
4.10	Charts and books	35
4.11	Notices to Mariners.....	35
5.	Port infrastructure	36
5.1	Berth information	36
5.2	Ship / Shore Access	36
5.3	Navigation aids	37
5.3.1	Lighthouse and leading lights	37
5.3.2	Anchorage area	38
5.3.3	Coal loading gantry.....	38

6.	Weather information.....	39
6.1	General.....	39
6.2	Cyclone procedures.....	39
6.2.1	Severe weather event.....	39
6.3	Tidal information	41
6.3.1	Tidal information – tsunami effects	41
7.	Port navigation and movement restrictions.....	42
7.1	Under keel clearance (UKC).....	42
7.2	Dynamic Under keel clearance (UKC) - Departure	42
7.3	Dynamic Under keel clearance (DUKC) - Unavailable.....	43
7.4	Approaches to pilot boarding ground (AUS 255)	43
7.5	Departure readiness – Vessels using DUKC	44
7.6	Departure from Abbot Point	44
7.7	Dangers off Abbot Point.....	44
7.8	Berthing requirements	44
7.8.1	Position at berth.....	45
7.9	Advisory Note – Interaction with Marine Mammals	45
8.	Pilotage.....	47
8.1	General.....	47
8.2	Night pilotage.....	47
8.3	Request for pilot	48
8.3.1	Notice required	48
8.4	Pilot Transfers	48
8.4.1	Pilot Boarding Place	48
8.4.2	Pilot Disembarkation Place.....	48
8.4.3	Pilot Transfer arrangements	49
8.5	Passage planning – bridge resource management (BRM)	49
8.5.1	Departure route	49
8.6	Master/pilot responsibilities.....	50
8.6.1	Fatigue management.....	50
8.6.2	Alcohol consumption.....	50
8.7	Pilotage delays	50
8.8	Pilotage requirements for Torres Strait and Great Barrier Reef (GBR).....	50
9.	Tug procedures	51
9.1	General.....	51
9.1.1	Notification of tugs	51
9.1.2	Communicating with tugs.....	51
10.	Work permits.....	52
10.1	General.....	52
10.2	Work permits – description	52
10.2.1	Hot Work whilst alongside	52
10.2.2	Hot Work whilst at anchorage.....	52
10.2.3	Immobilisation main engines whilst alongside	52
10.2.4	Immobilisation main engines whilst at anchorage.....	52
10.2.5	Overside maintenance whilst alongside (hull painting, hull cleaning, and so on).....	53
10.2.6	Overside maintenance whilst at anchorage (hull painting, hull cleaning, and so on).....	53
11.	Dangerous cargo	54
11.1	General.....	54
11.1.1	Notification.....	54
11.1.2	Dangerous cargo limits	55

11.2	Dangerous cargo events.....	55
11.2.1	Ore bulk oil (OBO) ships.....	55
12.	Emergency, pollution, marine incidents.....	56
12.1	General.....	56
12.2	Emergency contact numbers	56
12.3	Port Authorities and Terminals	57
12.4	Marine pollution	57
12.4.1	Reporting a pollution incident	57
12.5	Marine incidents	58
12.6	Marine incident reporting	59
12.6.1	Ships under port pilotage or command of a Pilot Exempt Master	59
12.6.2	Recreational Vessels (vessels regulated under TOMSA).....	59
12.6.3	Domestic Commercial Vessels	60
12.6.4	Marine incident reporting – Australian Maritime Safety Authority	62
12.6.5	Great Barrier Reef Marine Park Authority incident report form	62
12.6.6	Procedures subsequent to serious marine incidents	62
12.6.7	Port community responsibilities	62
13.	Security	63
13.1	General.....	63
13.1.1	Security levels	63
13.2	Port security contacts	63
13.3	National security	64
14.	Port state control inspections	65
15.	Port services	66
15.1	General.....	66
15.2	Bunkering	66
15.3	Fresh water.....	66
15.4	Waste	66
15.5	Mission to Seafarers	66
16.	Appendices	67
16.1	Abbot Point Port and Pilotage.....	68
16.2	Abbot Point designated anchorages.....	69
16.3	Abbot Point - Pilot Boarding Place & Pilot Disembarking Place.....	70
16.4	Abbot Point Berth	71
16.5	Abbot Point VTS Area.....	72
16.6	Abbot Point – DUKC- Ship Departure Condition.....	73
16.7	Request to Immobilise Main Engines whilst at anchorage.....	74
16.8	Pilot Transfer arrangements - Checklist.....	75

List of Tables

Table 1 – Arrival check list.....	20
Table 2 – Departure check list.....	21
Table 3 – Port VHF communications.....	26
Table 4 – Harbour contact details.....	26
Table 5 – Prior notification of movements	27
Table 6 – Inbound reporting requirements.....	31
Table 7 – Outbound reporting requirements.....	31
Table 8 – Berth information	36
Table 9 – Lighthouse and leading lights	37
Table 10 – Tidal information	41
Table 11 – Tug details	51
Table 12 – Tug company contact information.....	51
Table 13 – Notification of dangerous goods	54
Table 14 – Emergency contacts	57

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 (Townsville)
Phone: +61 7 44218 100

Revision Date	Page number or section	Summary of Changes	Approved by
August 2021		New Issue	Regional Harbour Master
October 2021	Section 9.1	Tugs - General	Regional Harbour Master
March 2022	Section 3 Section 7.5 Section 8.5.1	Movement notification and traffic procedures Departure from Abbot Point Departure Route	Regional Harbour Master
July 2022	s2, s3.2, s3.8 s8.43; s16.8	VTS description; Pilot transfer arrangements.	Regional Harbour Master
March 2023	s5.3.1, s8.5, s10.2.6, s16.6, s16.7, s16.8	Update in numbering oversight and some broken links, contact info and corporate forms	Regional Harbour Master
May 2023	S 8.4.1, 8.4.2	change the latitude and longitude	Regional Harbour Master
May 2023	s2.1.4; s3.11; s3.11.1; s3.11.2; s3.11.3	Permission to proceed	Regional Harbour Master
July 2023	s5.2, s7.8, s8.4.3	Information Updated	Regional Harbour Master
November 2023	s16.7,	Request to Immobilise Main Engines wording updated.	Regional Harbour Master
September 2024	s2.3, 3.2.1, 3.9, 3.14, 4.5, 4.7, 5.2, 7.1, 7.5,	Various	Regional Harbour Master
October 2024	Various	Information and broken links updated	Regional Harbour Master