

Port Procedures and Information for Shipping Port of Amrun

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

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

Port Procedures and Information for Shipping		
Port of	Amrun	2
Conte	nts	5
Table (of Figures	11
Table (of Tables	11
Table	of amendments	12
1.	Introduction	14
1.1	General	14
1.2	Purpose	14
1.3	Datum	15
1.4	Definitions	15
1.4.1	Australian Maritime Safety Authority (AMSA)	15
1.4.2	Australian Standard - AS 3846, 2005	15
1.4.3	Lowest astronomical tide (LAT)	15
1.4.4	Manager (Pilotage Services)	15
1.4.5	Manager (Vessel Traffic Services)	16
1.4.6	Maritime Safety Queensland (MSQ)	16
1.4.7	MASTREP – the Modernised Australian Ship Tracking and Reporting	ig System
	16	
1.4.8	Length Overall (LOA)	16
1.4.9	Rio Tinto Alcan	16
1.4.10	Queensland Shipping Information Planning System (QSHIPS)	16
1.4.11	REEFREP	16
1.4.12	Reef VTS	17
1.4.13	Regional Harbour Master (RHM)	17
1.4.14	Sailing time	17
1.4.15	Vessel Traffic Service Operator (VTSO)	17
1.4.16	Vessel Traffic Service (VTS)	17
1.5	Contact Information	17
1.5.1	The Regional Harbour Master	17
1.5.2	Vessel Traffic Service	17
1.5.3	Port authority	18
1.6	Rules and regulations	18

1.6.1	General	18
1.6.2	Applicable legislation and regulations	18
2.	Arrival and departure procedures	20
2.1	General	20
2.2	Arrival check list	20
2.3	Departure check list	20
2.4	Quarantine	20
2.5	Customs	21
2.6	MASTREP Reporting	21
2.7	Reef VTS	22
2.8	Security	22
3.	Movement notification and traffic procedures	23
3.1	General	23
3.2	Vessel Traffic Service (VTS)	23
3.2.1	Weipa VTS area	24
3.3	VTS Role	25
3.4	VTS communications	25
3.5	Language	26
3.6	Voice recordings	26
3.7	Reporting defects	26
3.7.1	Reporting Requirements – Arrival reporting requirements	26
3.7.2	Departure and removal reporting requirements	28
3.8	Movement scheduling	28
3.8.1	Confirmation of schedules	28
3.8.2	Schedule changes	28
3.9	Movement clearance notification	29
3.10	Master/pilot responsibilities	29
3.11	Shipping management contact details	29
3.12	Prior notification of movements	30
4.	Port description	31
4.1	General Information	31
4.2	Pilotage area	31
4.3	Load lines	31
4.4	Maximum vessel size	31
4.5	Trim requirements	32

4.6	Time zone	32
4.7	Working hours	32
4.8	Charts and books	32
4.9	Shipping announcements	32
4.9.1	Notices to Mariners	32
5.	Port Infrastructure	34
5.1	Berth and channel information	34
5.1.1	Amrun Wharf (Chith Export Facility)	34
5.1.2	Loading gantry	35
5.1.3	Emergency cessation of loading	35
5.2	Leading lights and beacons	36
5.3	Anchorage areas	36
5.3.1	External anchorages	36
6.	Weather information	38
6.1	General	38
6.1.1	Extreme Weather Contingency Plan	38
6.2	Tidal information	38
6.2.1	Tidal streams	38
6.2.2	Tidal information – tsunami effects	39
6.3	Water density	39
7.	Port navigation and movement restrictions	40
7.1	General	40
7.2	Speed	40
7.3	Channel depths and SUKCs	40
7.4	Approaches to Amrun	40
7.4.1	Sailing directions for arrival	40
7.4.2	Sailing Directions for Departure	41
7.4.3	Dangers	41
7.5	Draft restrictions	41
7.5.1	SUKCs – alongside berths	41
7.5.2	Dredge Under Keel Clearance Requirements	42
7.6	Dynamic UKC program (DUKC)	42
7.7	Berthing and sailing times	42
7.8	Restricted areas	42
7.8.1	Waterside Security Zone	42

7.9	Advisory Note – Interaction with Marine Mammals	43
8.	Pilotage	44
8.1	Vessels that require a pilot	44
8.1.1	Night pilotage	44
8.1.2	Request for pilot	44
8.1.3	Notice required	44
8.1.4	Personal Pilot Unit (PPU)	44
8.2	Pilotage area	44
8.2.1	Pilot boarding places	45
8.2.2	Pilot disembarkation place	45
8.2.3	Pilot boarding arrangements	45
8.2.4	Pilot /Personnel Transfer Safety	45
8.2.5	Passage planning – bridge resource management (BRM)	46
8.2.6	Alcohol management	46
8.3	Pilot licences, pilotage area endorsements and exemption from pilotage	
licence	s	46
8.3.1	Examination for pilotage exemption area endorsement	46
8.3.2	Cancellation of licences	47
8.4	Pilotage requirements for Torres Strait and Great Barrier Reef (GBR)	47
9.	Tug procedures	48
9.1	General	48
9.1.1	Notification of tugs	48
9.1.2	Communicating with tugs	48
9.1.3	Tug requirements	48
9.1.4	Caution in N'ly Conditions	48
10.	Work Permits	49
10.1	General	49
10.1.1	Permit requests	49
10.2	Work permit description	50
10.2.1	Immobilisation main engines	50
10.2.2	Hot work permit	50
10.2.3	Boat drills	50
10.2.4	Overside maintenance work	50
11.	Dangerous cargo	51
11 1	General	51

11.1.1	Notification	51
11.1.2	Dangerous Cargo Limits	52
11.1.3	Dangerous Cargo Events	52
12.	Emergency, pollution, marine incidents	53
12.1	Emergency contact numbers	53
12.1.1	Regional Harbour Master/pilot	53
12.1.2	Government services	54
12.1.3	Emergency Services	54
12.1.4	Security	55
12.1.5	Port Services	55
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	57
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 – Australian Maritime Safety Authority	58
12.5.4	Environmental incident reporting	59
12.6	Port community responsibilities	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	Shore access to ships and port facilities	62
13.1.5	Reporting of incidents	62
13.1.6	Shore access to ships and port facilities	62
13.1.7	Port security contacts	63
13.2	National security	63
14.	Port state control in Australia	64
15.	Port Services	65
15.1	Bunkering	65
15.1.1	Fresh water	65

15.1.2	Waste	65
15.1.3	Electric power	65
15.2	Miscellaneous contacts	65
15.3	Shipping agencies	65
16.	Appendices	66
16.1	Port of Amrun and Pilotage Plan	67
16.2	Amrun Pilotage area	68
16.3	DUKC Vessel Particulars Form	69
16.4	Permission to Immobilise Main Engines	70
16.5	Amrun Port Layout	71
16.6	Pilotage and Compulsory Pilotage Areas	72
16.7	Port of Amrun – Departure - North going current	73
16.8	Port of Amrun – Departure South going current	74
16.9	Weipa (including Amrun) Vessel Traffic Service Area	75

Table of Figures

Figure 1 Minimum approach distances and maximum speeds within proximity to	
whales and dolphins	43
Table of Tables	
Table 1 Arrival check list	20
Table 2 Departure check list	20
Table 3 VTS communications	25
Table 4 Inbound reporting requirements	27
Table 5 Departure and removal reporting requirements	28
Table 6 Prior notification of movements	30
Table 7 Berth information	34
Table 8 Amrun Berth minimum / maximum berth restrictions	35
Table 9 Navigation aids	36
Table 10 Amrun anchorages	37
Table 11 Additional Amrun anchorages if not occupied by vessels awaiting entry to	
Weipa	37
Table 12 Emergency anchorage	37
Table 13 Tidal information	39
Table 14 Channel depths and SUKCs	40
Table 15 Tug information	48
Table 16 Permit requests	49
Table 17 Dangerous goods notification	52

Table of amendments

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 4052 7400 Fax: +61 7 4052 7451

Revision date	Page number or section	Summary of changes	Approved by
September 2017	Entire Document	First Issue	Regional Harbour Master
April 2018	Entire Document	Second Issue	Regional Harbour Master
August 2018	Entire Document	Third Issue	Regional Harbour Master
September 2018	1.7.2, 3.4, 11.4 and 11.4.1	TOMPR updates	Regional Harbour Master
September 2018	36	Table 14 updated	Regional Harbour Master
November 2018	1.6.2 and 2.2	Information updated	Regional Harbour Master
December 2018	3.2.1 and 9.1.2	Information updated	Regional Harbour Master
February 2019	7.7.2	Information updated	Regional Harbour Master
April 2019	7.7.2 and 8.1.4	Information updated	Regional Harbour Master
June 2019	8.2	Information updated	Regional Harbour Master
July 2019	7.7.2	Correction	Regional Harbour Master
August 2019	7.7.1	Information updated	Regional Harbour Master
February 2020	7.7.2	Information updated	Regional Harbour Master
June 2020	RHM Direction	Information updated	Regional Harbour Master

1			
December 2020	Various	Information updated	Regional Harbour Master
August 2021	7.4.2	Information updated	Regional Harbour Master
November 2021	7.4.2	Correction	Regional Harbour Master
July 2022	3.2, 16	Information updated	Regional Harbour Master
December 2022	1.5.3, 3.4, 3.11, 5.1, 7.3. 7.4.2, 7.6, 8.1.4, 8.2.1, 8.2.3, 8.4, 9.1.2, 9.1.5, 12.1, 13.1.7	Information updated	Regional Harbour Master
March 2023	Entire Document	Amending broken links and correcting outdated corporate forms. Correction of numbering.	Regional Harbour Master
July 2023	7.9, 8.2.2, 12.5.2 ,16.1, 16.2, 16.3, 16.6	Information updated. Updated Charts and rewording for clarity	Regional Harbour Master
February 2024	5.1.3, 8.2.3, 8.2.4	Information updated, new section added. Emergency cessation of loading	Regional Harbour Master
August 2024	7.4.2, 5.1	Information updated	Regional Harbour Master
October 2024	Various	Broken links updated	Regional Harbour Master