29 July 2011 **Edition 15**

Australian Notices to Mariners are the authority for correcting Australian Charts and Publications

AUSTRALIAN NOTICES TO MARINERS

Notices 725 – 782

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

SECTIONS.

I. Australian Notices to Mariners, including blocks and notes.
II. Hydrographic Reports.
III. Navigational Warnings.

SUPPLEMENTS.

I. Tracings
II. Cumulative List of Australian Notices to Mariners.
III. Temporary and Preliminary Notices in force.
IV. Amendments to Admiralty List of Lights and Fog Signals (Vol K), Radio Signals (NP 281(2), 282, 283(2), 285, 286(4)) and Sailing Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136).

© Commonwealth of Australia 2011

This work is copyright. Apart from any use permitted under the Copyright Act 1968, no part may be reproduced by any process, adapted, communicated or commercially exploited without prior written permission from The Commonwealth represented by the Australian Hydrographic Service.

IMPORTANT NOTICE

This edition of Notices to Mariners includes all significant information affecting AHS products which the AHS has become aware of since the last edition. All reasonable efforts have been made to ensure the accuracy and completeness of the information, including third party information, on which these updates are based. The AHS regards third parties from which it receives information as reliable, however the AHS cannot verify all such information and errors may therefore exist. The AHS does not accept liability for errors in third party information.

GENERAL INSTRUCTIONS

The substance of these notices should be inserted on the charts affected.

Bearings are referred to the true compass and are reckoned clockwise from North; those relating to lights are given as seen by an observer from seaward. Positions quoted in permanent notices relate to the horizontal datum for the chart(s). When preliminary or temporary notices affect multiple charts, positions will be provided in relation to only one horizontal datum and that datum will be specified. When the multiple charts do not have a common horizontal datum, mariners will be required to adjust the position(s) for those charts not on the specified datum. The range quoted for a light is its nominal range. Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.

The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices. A star (*) adjacent to the number of a notice indicates that the notice is based on original information.

REPORTING OF DANGERS

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, e-mail **Hydro.NTM@defence.gov.au** or, alternatively by filling in and submitting the **Hydrographic Notes** forms located on the web site – www.hydro.gov.au), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email rccaus@amsa.gov.au).

AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Service (AHS) website (**www.hydro.gov.au**) and through the eNotices (email) service (**www.hydro.gov.au/enotices/enotices.htm**).

Individual Notices may be copied for the purpose of inserting Notice substance on official charts and publications. Paper copies may be printed by chart agents and distributed to customers on a cost recovery basis. Participating chart agents are listed on the AHS website as providing a 'Paper Notices to Mariners' service (**www.hydro.gov.au/prodserv/distributors/distributors.htm**). Copies of the notices may not be sold for profit without prior written agreement.

NUMERICAL INDEX OF NOTICES TO MARINERS

Edition No 15

Notices	Aus Chart, INT Chart, AHP
725	Aus 37, 105, 110, 113, 158, 289, 296, 328, 391, 402, 448, 462, 502, 603
726	Amendment to Australian Seafarers Handbook AHP20
727	Amendment to Australian National Tide Tables
728	Aus 807
729	Aus 207, 809, AX 0809E
730	Aus 221, 810, 811, 812, 813, 814
731	Aus 236
732	Aus 237
733	Aus 238
734	Aus 235, 236
735	Aus 245, 246
736	Aus 821
737	Aus 257
738	Aus 258
739	Aus 4621, INT 621, AX 4621F
740	Aus 622
741	Aus 646
742	Aus 729, 730
743	Aus 64
744	Aus 744, 745, 746
745	Aus 754, AX 0754E
746	Aus 136, 778
747(T)	Aus 195, 808, AX 0808E
748(T)	Aus 197, 808, 809, AX 0808E, 0809E
749(T)	Aus 200, 202
750(T)	Aus 197, 200, 201, AX 6201F, 63200
751(T)	Aus 197, 809, AX 0809E
752(T)	Aus 207, 208, 809, AX 0809E
753(T)	Aus 207, 208
754(T)	Aus 235, 236, 237, 238, 814, 815
755(T)	Aus 236
756(T)	Aus 245
757(T)	Aus 252
758(T)	Aus 252
759(T)	Aus 252, 253, 824, 825
760(T)	Aus 252, 253, 268
761(T)	Aus 256, 257
762(T)	Aus 256, 257
763(T)	Aus 256
764(T)	Aus 259
765(T)	Aus 828
766(T)	Aus 258
767(T)	Aus 258, 829
768(T)	Aus 292, 293
769(P)	Aus 289, 296
770(T)	Aus 301
771(T)	Aus 32
772(T)	Aus 315, AX 0315F
773(T)	Aus 324
774(T)	Aus 55, 57, 326, 327, 740, 741
775(T)	Aus 327, 4723, INT 723
776(T)	Aus 327, 328, 742
777(T)	Aus 328, 329
778(T)	Aus117, AX 0117S
779(T)	Aus 777, 778
780(T)	Aus 173, 795
781(T)	Aus 143, 158
782(T)	Aus 150, 801

I

NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 15

Aus Chart	Notices
Aus 32	771(T)
Aus 37	725
Aus 55	774(T)
Aus 57	774(T)
Aus 64	743
Aus 105	725
Aus 110	725
Aus 113	725
Aus 117	778(T)
Aus 136	746
Aus 143	781(T)
Aus 150	782(T)
Aus 158	725, 781(T)
Aus 173	780(T)
Aus 195	747(T)
Aus 197	748(T), 750(T), 751(T)
Aus 200	749(T), 750(T)
Aus 201	750(T)
Aus 202	749(T)
Aus 207	729, 752(T), 753(T)
Aus 208	752(T), 753(T)
Aus 221	730
Aus 235	734, 754(T)
Aus 236	731, 734, 754(T), 755(T)
Aus 237	732, 754(T)
Aus 238	733, 754(T)
Aus 245	735, 756(T)
Aus 246	735
Aus 252	757(T), 758(T), 759(T), 760(T)
Aus 253	759(T), 760(T)
Aus 256	761(T), 762(T), 763(T)
Aus 257	737, 761(T), 762(T)
Aus 258	738, 766(T), 767(T)
Aus 259	764(T)
Aus 268	760(T)
Aus 289	725, 769(P)
Aus 292	768(T)
Aus 293	768(T)
Aus 296	725, 769(P)
Aus 301	770(T)
Aus 315	772(T)
Aus 324	773(T)
Aus 326	774(T)
Aus 327	774(T), 775(T), 776(T)
Aus 328	725, 776(T), 777(T)
Aus 329	777(T)
Aus 391	725
Aus 402	725
Aus 448	725
Aus 462	725
Aus 502	725
Aus 603	725
Aus 622	740
Aus 646	741
Aus 729	742
Aus 730	742
Aus 740	774(T)
Aus 741	774(T)
Aus 742	776(T)
Aus 744	744
Aus 745	744
Aus 746	744
Aus 754	745
Aus 777	779(T)
Aus 778	746, 779(T)
Aus 795	780(T)
Aus 801	782(T)
Aus 807	728
Aus 808	747(T), 748(T)
Aus 809	729, 748(T), 751(T), 752(T)
Aus 810	730
Aus 811	730
Aus 812	730
Aus 813	730
Aus 814	730, 754(T)
Aus 815	754(T)
Aus 821	736
Aus 824	759(T)
Aus 825	759(T)
Aus 828	765(T)
Aus 829	767(T)
Aus 4621	739
Aus 4723	775(T)
AX 0117S	778(T)
AX 0315F	772(T)
AX 0754E	745
AX 0808E	747(T), 748(T)
AX 0809E	729, 748(T), 751(T), 752(T)
AX 4621F	739
AX 6201F	750(T)
AX 63200	750(T)

INT Chart	Notices
INT 621	739
INT 723	775(T)

I

725 AUSTRALIA - Product
Australian Hydrographic Service (AA544769)

New Edition

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 105	29/7/2011	Australia - West Coast - Western Australia - Wedge Island to Lancelin 30° 47'·09 S - 31° 04'·75 S 114º 54'·09 E - 115º 26'·47 E *New chart referred to WGS84 datum and general updating throughout.*	1:50 000	Aus 5001	$35.00
Aus 603	29/7/2011	Australian Antarctic Territory - George V Land - Approaches to Commonwealth Bay 7° 28'·0 S - 8° 21'·2 S 144º 28'·0 E - 145º 52'·4 E Plan: Boat Harbour 7° 28'·0 S - 8° 21'·2 S 144º 28'·0 E - 145º 52'·4 E *New chart including latest bathymetric surveys and general updating throughout.*	1:25 000 1:5 000	Aus 5000	$35.00

New Chart to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 158	Australia - South Coast - Victoria - Port Phillip South and West Channels	1:37 500	12 August 2011
Aus 328	Australia - North West Coast - Western Australia - Montebello Islands to North West Cape	1:300 000	12 August 2011

New Edition to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 110	Australia - South Coast - Western Australia - King George Sound Plan: Oyster Harbour	1:25 000 1:25 000	12 August 2011
Aus113	Australia - West Coast - Western Australia - Port of Fremantle	1:7 500	12 August 2011

Chart permanently withdrawn

Chart	*On publication of new edition*	*Remarks*
Aus 37	Aus 37	Details published in edition 14/2011.
Aus 105	Aus 105	
Aus 502	Aus 502	Details published in edition 14/2011.
Aus 603	Aus 603	

Chart to be permanently withdrawn without replacement

Chart	*On publication of new chart*
Aus 289	Aus 296
Aus 402	Aus 448
Aus 462	Aus 391

For further details refer to the AHS website at www.hydro.gov.au for new edition and new chart stock arrival information.

When placing orders with a chart agent, mariners should advise whether their order pertains to the current edition or the new edition.

I

726 AUSTRALIA - Product - Amendment to Australian Seafarers Handbook AHP20
Australian Hydrographic Service (AA544913)

Substitute accompanying pages 178 to 186 (REEFVTS) and 192 (Maritime Security).

Page 191 11.1.2 paragraph 2 line 1 - Maritime Transport or Offshore Facility Security Incidents
Delete Department of Infrastructure, Transport Regional Development and Local Government

Insert Department of Infrastructure and Transport

Page 257 Index
Insert Antarctic Specially Protected Areas...5.4.1

Page 260 Index
Insert Environmentally Sensitive Sea Areas...5.4.1, 6.2.1

Page 261 Index
Insert Indigenous Australian Estate...5.6
Insert Marine Environmental Protection...6

727 AUSTRALIA - Product - Amendment to Australian National Tide Tables
Australian Hydrographic Service (AA544965)

Page xxxiii
Amend Goods Island To Chart Datum AUS 299 NE 22 APR 2011 0.0

Page xxxvii
Amend Thursday Island To Chart Datum AUS 299 NE 22 APR 2011 0.0

Page 370
Amend Noosa Head To Chart Datum to 0.0

Page 372
Amend Nerang R. (Bundall) To Chart Datum to 0.0

Page 402
Amend Mermaid Reef To Chart Datum to 0.0

728* AUSTRALIA - NEW SOUTH WALES - Montague Island - Wreck
Sydney Project (AA544328, AA544182, AA544183)

Aus 807 [*675/2011*]
Insert depth, *110m,* enclosed by danger circle with legend, *Wk* 36º 13'.19 S 150º 17'.40 E

I

729* AUSTRALIA - NEW SOUTH WALES - Newcastle - Port limit
Australian Hydrographic Service (DHDB 1644998)

Aus 207 [*587/2011*]

Insert	dashed magenta line with legend *Newcastle Port Limit* between the HWL and restricted limit, radius 3M centred on	32º 55'.109 S	151º 47'.905 E

Aus 809 [*675/2011*]

Insert	dashed magenta line with legend *Newcastle Port Limit* between the HWL and restricted limit, radius 3M centred on	32º 55'.11 S	151º 47'.91 E

AX 0809E [*675/2011*]

Insert	dashed magenta line with legend *Newcastle Port Limit* between the HWL and restricted limit, radius 3M centred on	32º 55'.11 S	151º 47'.91 E

730* AUSTRALIA - NEW SOUTH WALES - Port Stephens to Point Danger - Fish aggregating devices; aeronautical beacons
Department of Primary Industries (AA517634)

Aus 221 [*247/2010*]

Substitute	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	29º 52'.7 S	153º 26'.1 E
	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	30º 14'.8 S	153º 21'.6 E

Aus 810 [*537/2010*]

Substitute	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	32º 46'.9 S	152º 24'.7 E
	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	32º 13'.2 S	152º 40'.7 E
Delete	aero beacon	31º 53'.4 S	152º 30'.6 E

Aus 811 [*34/2011*]

Substitute	special conical light buoy, *Fl.Y.4s (Dec-Apr),* without topmark for light buoy	31º 47'.0 S	152º 55'.2 E
	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	31º 39'.6 S	152º 56'.2 E
	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	31º 24'.5 S	153º 04'.7 E
	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	30º 50'.5 S	153º 11'.8 E
Delete	aero beacon	31º 26'.1 S	152º 52'.0 E

Aus 812 [*247/2010*]

Substitute	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	30º 14'.8 S	153º 21'.6 E
	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	29º 52'.7 S	153º 26'.1 E

I

730* AUSTRALIA - NEW SOUTH WALES - Port Stephens to Point Danger - Fish aggregating devices; aeronautical beacons *(continued)*

Aus 813 [*287/2011*]

Substitute	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	29º 06'.4 S	153º 36'.2 E
	special conical light buoy, *Fl.Y.4s (Sep-Jun),* without topmark for light buoy	28º 54'.4 S	153º 41'.2 E
	special conical light buoy, *Fl.Y.4s (Nov-May),* without topmark for light buoy	28º 35'.0 S	153º 38'.3 E
	special conical light buoy, *Fl.Y.4s (Dec-Apr),* without topmark for light buoy	28º 09'.7 S	153º 41'.0 E
	special pillar light buoy, *Fl.Y.3s (Jan-May),* without topmark for light buoy	28º 36'.3 S	153º 37'.7 E
	special pillar light buoy, *Fl.Y.3s,* without topmark for light buoy	28º 37'.5 S	153º 36'.7 E
Delete	mooring buoy	28º 36'.5 S	153º 37'.3 E

Aus 814 [*629/2011*]

Insert	special conical light buoy, *Fl.Y.4s (Dec-Apr),* without topmark for light buoy	28º 09'.7 S	153º 41'.0 E

731* AUSTRALIA - QUEENSLAND - Moreton Bay - Rous Channel - Depths; navaids

Former Notice - 607(P)/2011 is cancelled

Maritime Safety Queensland (DHDB 1820992)

Aus 236 [*629/2011*]

Insert	accompanying block	27º 23'.5 S	153º 23'.0 E

732* AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Maintained depth

Maritime Safety Queensland Notice 645/2011 (AA544899)

Aus 237 [*544/2011*]

Delete	legend, 13·5m	27º 23'.28 S	153º 09'.53 E

733* AUSTRALIA - QUEENSLAND - Brisbane River - Quarries Reach - Infrastructure; lights; chart note

Maritime Safety Queensland (AA544893, AA508926, AA544894, AA499389, AA499390)

Aus 238 [*289/2011*]

Insert	accompanying block	27º 26'.8 S	153º 05'.8 E
Substitute	accompanying diagram	27º 26'.1 S	153º 05'.5 E
	accompanying note	27º 25'.5 S	153º 06'.1 E

734* AUSTRALIA - QUEENSLAND - Pumicestone Channel - Little Goat Island - Beacon removed

Maritime Safety Queensland Notice 658/2011 (AA545108)

Aus 235 [*542/2011*]

Delete	beacon	27º 00'.9 S	153º 05'.6 E

Aus 236 [*731/2011*]

Delete	beacon	27º 00'.9 S	153º 05'.6 E

I

735* AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Wild Cattle Cutting to Golding Cutting - Maintained depth

Maritime Safety Queensland Notice 627/2011 (AA544195, AA544299)

Aus 245 [*38/2011*]

Insert	dashed line, between	23º 53'.28 S	151º 22'.29 E
		23º 53'.35 S	151º 22'.21 E
	legend *Maintained depth 16·1m,* centred on	23º 53'.46 S	151º 22'.46 E

Aus 246 [*38/2011*]

Insert	dashed line, between	23º 53'.28 S	151º 22'.29 E
		23º 53'.35 S	151º 22'.21 E
Amend	legend to *Maintained depth 16·1m*	23º 54'.0 S	151º 23'.5 E
	legend to *Maintained depth 16·1m*	23º 55'.8 S	151º 27'.1 E
	legend to *Maintained depth 16·1m*	23º 54'.6 S	151º 29'.8 E

736* AUSTRALIA - QUEENSLAND - Bugatti Reef - Light

Australian Maritime Safety Authority (AA526458)

Aus 821 [*632/2011*]

Move	light	20º 06'.4 S	150º 17'.4 E
	to	20º 06'.32 S	150º 17'.37 E

737* AUSTRALIA - QUEENSLAND - Townsville - Ross River - Light beacon established

Maritime Safety Queensland Notice 625/2011 (AA544088)

Aus 257 [*1153/2009*]

Insert	port lateral light beacon, *Fl.R.4s,* without topmark	19º 15'.756 S	146º 50'.522 E
Delete	depth, 3_5m	19º 15'.75 S	146º 50'.53 E

738* AUSTRALIA - QUEENSLAND - Mourilyan Harbour - Light buoys altered

Maritime Safety Queensland Notice 608/2011 (AA543906)

Aus 258 (plan, Mourilyan Harbour) [*632/2011*]

Move	light buoy	17º 36'.17 S	146º 07'.48 E
	to	17º 36'.167 S	146º 07'.499 E
	light buoy	17º 36'.16 S	146º 07'.39 E
	to	17º 36'.157 S	146º 07'.367 E
	light buoy	17º 36'.11 S	146º 07'.30 E
	to	17º 36'.115 S	146º 07'.310 E

739* AUSTRALIA - CORAL SEA - Diamond Passage to South West Islet - Legends

Australian Hydrographic Service (AA545142)

Aus 4621 (INT 621) [*NE 1/7/2011*]

Delete	legend, MPA (see Note)	17º 46'.0 S	151º 12'.0 E
	legend, MR (see Note)	16º 50'.0 S	149º 45'.0 E

AX 4621F [*293/2011*]

Delete	legend, MR (see Note)	16º 50'.0 S	149º 45'.0 E
	legend, MPA (see Note)	17º 46'.0 S	151º 12'.0 E

I

740* PAPUA NEW GUINEA - Port Moresby - Beacons
National Maritime Safety Authority PNG (AA542898)

Aus 622 [*743/2010*]

Delete	beacon	9º 28'.83 S	147º 08'.69 E
	beacon	9º 28'.84 S	147º 08'.72 E

Aus 622 (plan, Port Moresby and Napa Napa Wharves) [*743/2010*]

Delete	beacon	9º 28'.84 S	147º 08'.72 E
	beacon	9º 28'.83 S	147º 08'.69 E

741* PAPUA NEW GUINEA - Madang - Binnen Harbour - Wreck; aeronautical beacon
HMAS *Melville* (DHDB 293812)

Aus 646 [*1306/2009*]

Delete	depth, 8_8m, and semi enclosing contour	5º 12'.95 S	145º 48'.00 E
	aero beacon	5º 12'.8 S	145º 47'.0 E

Aus646 (plan, Madang Harbour)

Insert	depth, *12_4m,* enclosed by danger circle	5º 12'.946 S	145º 47'.998 E
Delete	depth, 8_8m, and enclosing danger circle	5º 12'.95 S	145º 48'.00 E
	contour, between	5º 12'.96 S	145º 48'.01 E
		5º 12'.95 S	145º 48'.02 E

742* AUSTRALIA - WESTERN AUSTRALIA - Port Nelson and Prince Frederick Harbour - Chart limit
Australian Hydrographic Service (AA543762)

Aus 729 [*1161/2009*]

Insert	magenta limits, with legend *Aus 37* in NW corner, between	14º 57'.7 S	124º 46'.0 E
		14º 43'.4 S	124º 46'.0 E
		14º 43'.4 S	125º 29'.2 E
		14º 57'.7 S	125º 29'.2 E
Delete	magenta limits, with legend Aus 37, centred on	14º 55'.0 S	124º 59'.0 E

Aus 730 [*508/2011*]

Insert	magenta limits, with legend *Aus 37* in SW corner, between	14º 43'.9 S	124º 46'.0 E
		15º 10'.0 S	124º 46'.0 E
		15º 10'.0 S	125º 29'.2 E
		14º 43'.9 S	125º 29'.2 E
Delete	magenta limits, with legend Aus 37, centred on	15º 00'.0 S	124º 59'.0 E

I

743* AUSTRALIA - WESTERN AUSTRALIA - Onslow - Light buoys
Department of Transport WA (AA543617)

Aus 64 [*458/2011*]

Move	light buoy	21° 37'.4 S	115° 05'.7 E
	to	21° 37'.39 S	115° 05'.68 E
	light buoy	21° 37'.3 S	115° 05'.7 E
	to	21° 37'.38 S	115° 05'.77 E

Aus 64 (plan, Onslow)

Move	light buoy	21° 37'.37 S	115° 05'.67 E
	to	21° 37'.393 S	115° 05'.680 E
	light buoy	21° 37'.34 S	115° 05'.75 E
	to	21° 37'.375 S	115° 05'.767 E

744* AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands to Point Maud - Mooring buoys
Department of Environment and Conservation Exmouth (AA543584 - AA543586)

Aus 744 [*550/2011*]

Insert	blue conical mooring buoy	21° 39'.93 S	114° 19'.82 E
	blue conical mooring buoy	21° 39'.38 S	114° 22'.51 E
	blue conical mooring buoy	21° 51'.51 S	114° 10'.07 E
	blue conical mooring buoy	21° 47'.52 S	114° 08'.57 E
	blue conical mooring buoy	21° 47'.82 S	114° 08'.05 E
	blue conical mooring buoy	21° 47'.29 S	114° 08'.86 E
Delete	depth, $\underline{0}_8$m	21° 51'.3 S	114° 10'.1 E

Aus 745 [*1310/2010*]

Insert	green conical mooring buoy	21° 54'.59 S	113° 57'.98 E
	blue conical mooring buoy	23° 02'.76 S	113° 49'.15 E
	blue conical mooring buoy	21° 51'.51 S	114° 10'.07 E
	blue conical mooring buoy	21° 47'.29 S	114° 08'.86 E
	blue conical mooring buoy	21° 47'.52 S	114° 08'.57 E
	blue conical mooring buoy	21° 47'.82 S	114° 08'.05 E
Delete	depth, $\underline{0}_8$m	21° 51'.3 S	114° 10'.1 E
	underwater rock	21° 54'.5 S	115° 57'.9 E

Aus 746 [*NC 29/1/2010*]

Insert	green conical mooring buoy	23° 08'.73 S	113° 45'.51 E
	green conical mooring buoy	23° 08'.06 S	113° 45'.24 E
	blue conical mooring buoy	23° 10'.19 S	113° 45'.41 E
	blue conical mooring buoy	23° 07'.65 S	113° 45'.08 E
	blue conical mooring buoy	23° 08'.43 S	113° 45'.19 E
	orange conical mooring buoy	23° 06'.87 S	113° 45'.33 E
	green conical mooring buoy	23° 09'.48 S	113° 45'.65 E
Delete	depth, 0_2m	23° 08'.8 S	113° 45'.5 E
	depth, 0_3m	23° 09'.5 S	113° 45'.6 E
	depth, 0_1m	21° 10'.3 S	113° 45'.5 E

I

745* AUSTRALIA - WESTERN AUSTRALIA - Manakoora Reef to Cape Leschenault - Historic wrecks
Museum WA (AA533951, AA533952)

Aus 754 [*687/2011*]

Insert	historic wreck with magenta legend, *Historic Wk (see Note)*	31º 10'.68 S	115º 23'.91 E
Move	historic wreck with legend	31º 18'.7 S	115º 27'.9 E
	to	31º 17'.90 S	115º 27'.38 E

AX 0754E [*687/2011*]

Insert	historic wreck with magenta legend, *Historic Wk (see Note)*	31º 10'.68 S	115º 23'.91 E
Move	historic wreck with legend	31º 18'.7 S	115º 27'.9 E
	to	31º 17'.90 S	115º 27'.38 E

746* AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Depth; aeronautical beacon
Australian Hydrographic Service (AA544224, AA544225)

Aus 136 [*358/2011*]

Insert	depth, *9_9m,* enclosed by contour	33º 01'.60 S	137º 39'.33 E
Delete	aero beacon	33º 03'.5 S	137º 31'.6 E

Aus 778 [*357/2011*]

Insert	depth, *9_9m,* enclosed by contour	33º 01'.60 S	137º 39'.33 E
Delete	aero beacon	33º 03'.5 S	137º 31'.6 E

I

747(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Obstructions
Former Notice - 918(T)/2010 is cancelled
Australian Hydrographic Service (AA545071)

Cancel this notice on receipt.

Note: details have been incorporated in Sailing Directions.

Chart formerly affected - Aus 195 - Aus 808 - AX 0808E

748(T)/2011 AUSTRALIA - NEW SOUTH WALES - Cape Baily to Ben Buckler - Scientific instruments
Former Notice - 49(T)/2010 is cancelled
Date - Until 30 June 2013
Sydney Institute of Marine Science (AA375220, AA420046, AA545275)

Subsea moorings (25 metres below the surface) exist in positions as follows:

33° 53'.76 S 151° 17'.30 E	33° 53'.99 S 151° 17'.30 E
33° 54'.23 S 151° 17'.72 E	33° 54'.51 S 151° 18'.14 E
33° 54'.76 S 151° 18'.56 E	33° 55'.02 S 151° 19'.01 E
33° 55'.28 S 151° 19'.45 E	33° 55'.54 S 151° 19'.89 E
33° 55'.80 S 151° 20'.31 E	33° 56'.06 S 151° 21'.17 E
33° 56'.32 S 151° 22'.61 E	33° 56'.60 S 151° 22'.06 E
33° 56'.85 S 151° 22'.50 E	33° 57'.12 S 151° 22'.95 E
33° 57'.40 S 151° 23'.39 E	33° 57'.91 S 151° 24'.25 E
33° 58'.65 S 151° 23'.84 E	33° 58'.20 S 151° 24'.64 E
33° 58'.49 S 151° 25'.08 E	33° 58'.77 S 151° 25'.57 E
33° 59'.08 S 151° 26'.06 E	33° 59'.33 S 151° 26'.47 E
33° 59'.97 S 151° 27'.33 E	34° 00'.21 S 151° 27'.85 E
34° 00'.48 S 151° 28'.27 E	34° 00'.77 S 151° 28'.74 E
34° 01'.33 S 151° 29'.16 E	34° 01'.31 S 151° 29'.63 E.
34° 01'.59 S 151° 30'.08 E	

Chart temporarily affected - Aus 197 - Aus 808 - Aus 809 - AX 0808E - AX 0809E

749(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Darling Point - Scientific instrument recovered
Former Notice - 167(T)/2010 is cancelled
AECOM Australia Pty Ltd (AA546297)

Cancel this notice on receipt.

Chart formerly affected - Aus 200 - Aus 202 - AU5X200E

750(T)/2011 AUSTRALIA - NEW SOUTH WALES - Manly - Scientific instruments
Former Notice - 1009(T)/2009 is cancelled
Date - Until 30 June 2013
University of Sydney Institute of Marine Science (AA353372, AA353373, AA424523, AA545275)

Subsurface scientific instruments exist in positions:
33° 48'.03 S 151° 18'.03 E
33° 47'.98 S 151° 17'.65 E
33° 47'.99 S 151° 17'.73 E
33° 47'.92 S 151° 17'.61 E
33° 47'.93 S 151° 17'.69 E.

Chart temporarily affected - Aus 197 - Aus 200 - Aus 201 - AX 6201F - AX 63200

I

751(T)/2011 AUSTRALIA - NEW SOUTH WALES - Long Reef Point - Scientific instruments
Date - Until 18 November 2011
Department of Finance and Services (AA545174)

Special spherical light buoys, *Fl(5)Y.20s,* exist in positions 33° 43'.98 S 151° 19'.45 E and 33° 43'.28 S 151° 18'.25 E.

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 197 - Aus 809 - AX 0809E

752(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Obstructions
Former Notice - 919(T)/2010 is cancelled
Australian Hydrographic Service (AA545071)

Cancel this notice on receipt.

Note: details have been incorporated in Sailing Directions.

Chart formerly affected - Aus 207 - Aus 208 - Aus 809 - AX 0809E

I

753(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information
Former Notice - 697(T)/2011 is cancelled
Newcastle Port Corporation (AA545839)

Available depths as at 25 July 2011:

Berth	*Metres*
Western Basin 3	11.6
Western Basin 4	11.6
Eastern Basin 1	11.6
Eastern Basin 2 North of Ch 450	11.6
Eastern Basin 2 South of Ch 450	11.0
Channel Berth	8.3
Dyke 1	12.5
Dyke 2	12.8
* Dyke 4	15.7
* Dyke 5	15.7
Dyke 6	6.3
Mayfield 4 Ch 27 to 266	12.6
BHP Wharf 6 to Ch 1050	7.9
Kooragang 2	11.4
Kooragang 2 North Dolphin Ch 182 to 228	11.1
Kooragang 2 South Dolphin Ch -92 to 00	10.9
Kooragang 3	13.0
Kooragang 4	16.2
Kooragang 5	16.5
Kooragang 6	16.5
Kooragang 8	15.4
Kooragang 9	15.4
Kooragang Ship Receival KSR	7.5
Throsby 1	8.4
Carrington Wharf	To be sounded as and when required
Foreshore Park Berth	5.9
Elgo Wharf	To be sounded as and when required
Channels	
Entrance Approach	17.7
Entrance Channel (18.0m)	18.0
Entrance Channel (17.4m)	17.4
Entrance Channel (16.8m)	16.8
Entrance Channel (16.2m)	16.2
Entrance Channel to Horseshoe	15.2
* Horseshoe	15.0
* Steelworks Channel to Swinging Basin	15.0
Swinging Basin	15.0
Swinging Basin to Mayfield 4	12.8
Hunter River South Arm (Kooragang 6 to Kooragang 9)	15.0
Basin Cutting	12.8
Basin Area to Eastern & Western Basin Berths	12.3
Basin Area to 1 Throsby	10.0
Stockton Crossing	3.6

* Indicates revised entry.

Chart temporarily affected - Aus 207 - Aus 208

I

754(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information
Former Notice - 699(T)/2011 is cancelled
Brisbane Port Corporation (AA546057)

Available depths and under keel clearances (UKC) at 25 July 2011:

	Berth	*Metres*	*Remarks*
*	Fisherman Islands No10	14.0	
*	Fisherman Islands No9	14.0	
*	Fisherman Islands No8	14.1	
*	Fisherman Islands No7	14.1	
*	Fisherman Islands No6	14.0	
	Fisherman Islands No5	14.1	
*	Fisherman Islands No4	13.9	
*	Fisherman Islands No3	14.1	
	Fisherman Islands No2	14.0	
	Fisherman Islands No1	14.1	
	Fisherman Islands Grain and Woodchip	13.0	
	Caltex Fisherman Islands	14.3	
*	Fisherman Islands Coal	14.1	
*	Fisherman Islands General Purpose	11.5	
	BP Luggage Point	14.3	
	Caltex Products	10.0	
*	Cement Australia Co Wharf	9.7	
*	BP Products	10.7	
	Shell	11.0	
	Pacific Terminals	11.0	
*	Incitec North	10.0	
	Incitec South	10.5	
	Pinkenba 1	10.4	
	Pinkenba 2	10.4	
	Riverside Marina	-	
	Sugar Terminal	9.8	
	Cairncross Fitting Out Wharf	8.2	
	Cairncross Breasting Wharf	6.7	
	Brisbane Naval Wharf	-	
	Maritime No3	5.6	(not maintained)
*	Maritime No2	7.9	
	Maritime No1	9.0	
	Hamilton No4	10.1	
*	Hamilton No1	8.4	
	Brisbane Cruise Ship Terminal	9.4	

		Metres	*UKC/Remarks*
Moreton Bay :			
	North East Channel	5.5	1.5
	North West Channel	15.0	2.3 (280m width)
	North West Bypass Channel	9.2	1.6
	Spitfire Channel	15.0	1.5 (600m width)
	East Knoll Bypass Channel	6.9	1.4
	East Channel	15.0	1.5 (300m width from western side)
	Main Channel (M8 - M9)	10.0	1.8
	Entrance Channel (E5 - EBCN)	14.7	1.5
Brisbane River :			
*	Entrance Beacons and Bar Cutting	14.0	1.46
*	Fisherman Islands Swing Basin	14.0	1.3
*	Pelican Banks Reach to Hamilton Reach	9.0	0.6 / 0.9 (draft/tide)
*	Cement Australia Swing Basin	9.0	0.6 / 0.9 (draft/tide)
	Pinkenba Swing Basin	9.0	0.6 / 0.9 (draft/tide)
*	Hamilton Swing Basin	8.8	0.6 / 0.9 (draft/tide)

* Indicates new or revised entry.

Chart temporarily affected - Aus 235 - Aus 236 - Aus 237 - Aus 238 - Aus 814 - Aus 815

I

755(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer
Former Notice - 517(T)/2011 is cancelled
Date - Until 30 September 2011
Maritime Safety Queensland Notice 646(T)/2011 (AA544900)

Ship to ship transfer of LPG will be conducted at STS1 anchorage (27° 17'.25 S 153° 16'.56 E).

An exclusion zone (1850 metres radius) exists around transfer operations.

Chart temporarily affected - Aus 236

756(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island - Obstructions
Former Notice - 703(T)/2011 is cancelled
Date - Until 23 August 2011
Maritime Safety Queensland Notice 643(T)/2011 (AA544727)

Obstructions, marked by light buoys *Q.Y*, exist between positions 23° 45'.68 S 151° 10'.41 E and 23° 46'.00 S 151° 10'.57 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 245

757(T)/2011 AUSTRALIA - QUEENSLAND - Laguna Quays - Lights unlit; light beacons damaged
Former Notice - 444(T)/2010 is cancelled
Maritime Safety Queensland Notice 686(T)/2011 (AA546594)

Light beacons marking the entrance to Laguna Quays (20° 36'.03 S 148° 41'.21 E) may be damaged or unlit.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252

758(T)/2011 AUSTRALIA - QUEENSLAND - Laguna Quays - Shoaling
Former Notice - 1052(T)/2006 is cancelled
Maritime Safety Queensland Notice 685/2011 (AA546595)

Shoaling exists within the entrance channel to Laguna Quays (20° 36'.03 S 148° 41'.21 E).

Mariners are advised to seek local knowledge prior to transiting the marina entrance and to navigate with caution in the area.

Chart temporarily affected - Aus 252

759(T)/2011 AUSTRALIA - QUEENSLAND - Pioneer Rocks - Light beacon unlit
Former Notice - 474(T)/2011 is cancelled
Maritime Safety Queensland Notice 663(T)/2011 (AA545484)

The isolated danger light beacon, *Fl(2)6s 5m* (20° 13'.57 S 148° 45'.46 E), is unlit; an isolated danger light buoy, *Fl(2)6s,* exists in situ.

Chart temporarily affected - Aus 252 - Aus 253 - Aus 824 - Aus 825

760(T)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Wreck
Maritime Safety Queensland Notice 672(T)/2011 (AA545716, AA545830)

A stranded wreck marked by a special light buoy, *Fl.Y.3s,* exists in position 20° 15'.44 S 148° 43'.55 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252 - Aus 253 - Aus 268

I

761(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations
Date - Until 15 August 2011
Maritime Safety Queensland Notice 659(T)/2011 (AA545472)

The dredge *Brisbane* is conducting dredging operations in the Sea Channel (19° 10'.0 S 146° 52'.7 E), Platypus Channel (19° 13'.5 S 146° 50'.7 E), outer harbour (19° 14'.4 S 146° 50'.3 E) and inner harbour (19° 14'.9 S 146° 50'.0 E).

Further information can be obtained by contacting Townsville VTS on VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 257

762(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Depth information
Former Notice - 426(T)/2011 is cancelled
Maritime Safety Queensland Notice 678(T)/2011 (AA546062)

Available depths as at 25 July 2011:

	Metres	*Remarks*
Sea Channel	11.8	
* Platypus Channel	11.2	
Outer Harbour:		
* Arrival Channel	7.0	
* Departure Channel	9.2	
Inner Harbour:		
* Harbour	11.6	
Berths:		
No 1	11.7	
* No 2	11.7	
* No 3	11.8	
* No 4	9.0	
* No 7	10.7	
* Between No 7 and No 8	9.8	Seaward of zero mark at No 7
* No 8	9.3	
* No 9	11.9	
Between No 9 and No 10	10.4	Seaward of zero mark at No 10
No 10	9.3	From 10m mark to seaward dolphin
*	9.3	From Ro-Ro ramp to 10m mark
* No 11	11.6	
Ross River Channel	-	No declared depth
Ross River	-	No declared depth
Ross Creek	-	No declared depth

* Indicates revised entry.

Chart temporarily affected - Aus 256 - Aus 257

763(T)/2011 AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Scientific instrument
Date - Until 30 September 2011
Maritime Safety Queensland Notice 669(T)/2011 (AA545724)

A special light buoy, *Fl.Y.4s,* exists in position 19° 09'.68 S 146° 51'.38 E.

Chart temporarily affected - Aus 256

764(T)/2011 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Light buoy off station
Former Notice - 427(T)/2011 is cancelled
Maritime Safety Queensland Notice 320(T)/2011 (AA526358)

No10 light buoy (18° 24'.30 S 146° 11'.87 E) is off station.

Chart temporarily affected - Aus 259

I

765(T)/2011 AUSTRALIA - QUEENSLAND - Hinchinbrook Island - Hecate Point - Light beacon re-established
Former Notice - 219(T)/2011 is cancelled
Maritime Safety Queensland Notice 666/2011 (AA545559)

Cancel this notice on receipt.

Chart formerly affected - Aus 828

766(T)/2011 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information
Former Notice - 321(T)/2011 is cancelled
Maritime Safety Queensland Notice 671(T)/2011 (AA545537)

Available depths as at 21 July 2011:

	Metres
* Departure Channel	9.6
* Inner Channel	9.6
* Swing Basin	6.7
* Sugar Berth	10.1

* Indicates revised entry.

Shoaling for a distance of 200m to seaward of the berth pocket can develop over time.

Chart temporarily affected - Aus 258

767(T)/2011 AUSTRALIA - QUEENSLAND - Gladys Inlet - Flying Fish Point - Light beacon restored
Former Notice - 428(T)/2011 is cancelled
Maritime Safety Queensland Notice 630/2011 (AA544668)

Cancel this notice on receipt.

Chart formerly affected - Aus 258 - Aus 829

768(T)/2011 AUSTRALIA - QUEENSLAND - Prince of Wales Channel - Herald Patches - AIS trial completed
Former Notice - 1198(T)/2010 is cancelled
Australian Maritime Safety Authority (AA545577)

Cancel this notice on receipt.

Chart formerly affected - Aus 292 - Aus 293

769(P)/2011 AUSTRALIA - TORRES STRAIT - Varzin Passage to Gannet Passage - Light buoy to be established; light buoy to be withdrawn
Date - On or about 29 July 2011
Australian Maritime Safety Authority Preliminary ATH 4/2011, 6/2011 (AA546601, AA546608)

A special spherical light buoy, *Fl(5)Y.20s,* without topmark will be established in position 10° 35'.41 S 141° 52'.18 E (WGS84 datum).

The special spherical light buoy, *Fl(5)Y.20s* (10° 31'.19 S 141° 56'.80 E), will be withdrawn.

Chart which will be affected - Aus 289 - Aus 296

I

770(T)/2011 AUSTRALIA - QUEENSLAND - Boyd Point - Drilling operations
Date - Until 24 August 2011
Maritime Safety Queensland Notice 680(T)/2011 (AA546303)

Drilling operations are in progress between positions 12° 55'.00 S 141° 35'.00 E and 12° 55'.00 S 141° 37'.68 E.

The barge will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 301

771(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Wyndham - Harbour works completed
Former Notice - 571(T)/2011 is cancelled
CGL Wyndham Port (AA546438)

Cancel this notice on receipt.

Chart formerly affected - Aus 32

772(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Lesueur Island - Drilling operations northeastwards
Date - Until 31 October 2011
Santos Ltd (AA545817)

The drill rig *Stena Clyde* and support vessels *Far Fosna* and *Lady Sandra* are conducting drilling operations in position 12° 53'.83 S 128° 33'.83 E.

A 500m safety zone exists around the drill rig.

All vessels display appropriate lights and shapes.

Chart temporarily affected - Aus 315 - AX 0315F

773(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Survey operations
Former Notice - 716(T)/2011 is cancelled
Date - Until 1 November 2011
Department of Transport Notice 92/2011 (AA544678)

Jack-up barge *Aran 120* and support vessels *Fantasea Ammari, Wauri* and *Sea Wanderer* are conducting drilling operations in the area bounded by the following positions:
17°29'.74 S 122°08'.46 E
17°30'.05 S 122°04'.94 E
17°30'.32 S 122°06'.04 E
17°32'.73 S 122°06'.06 E
17°33'.39 S 122°06'.25 E
17°33'.40 S 122°08'.70 E.

Mariners should not pass within 100m of the barge.

Vessels associated with the operations will display appropriate lights and shapes and support vessels can be contacted on VHF Channels 12 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 324

I

774(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Delambre Island to Dixon Island - Drilling operations
Date - Until 30 September 2011
Department of Transport Notice 95/2011 (AA546091, AA546093)

Jack-up barge *Combifloat C-53* and support vessels are conducting drilling operations in the following positions:

20° 28'.35 S 117° 09'.04 E	20° 29'.46 S 117° 09'.46 E
20° 31'.06 S 117° 09'.51 E	20° 32'.27 S 117° 08'.63 E
20° 32'.90 S 117° 07'.61 E	20° 33'.34 S 117° 06'.86 E
20° 34'.00 S 117° 06'.67 E	20° 34'.41 S 117° 06'.54 E
20° 34'.25 S 117° 05'.99 E	20° 34'.10 S 117° 05'.44 E
20° 34'.77 S 117° 06'.43 E	20° 34'.63 S 117° 05'.87 E
20° 34'.49 S 117° 05'.31 E	20° 35'.24 S 117° 06'.28 E
20° 35'.08 S 117° 05'.73 E	20° 35'.43 S 117° 05'.02 E
20° 35'.66 S 117° 06'.15 E	20° 35'.44 S 117° 05'.62 E
20° 35'.87 S 117° 05'.29 E	20° 36'.02 S 117° 05'.81 E
20° 36'.20 S 117° 05'.38 E	20° 36'.87 S 117° 05'.68 E.

All vessels will display appropriate lights and shapes and will monitor VHF Ch 10 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 55 - Aus 57 - Aus 326 - Aus 327 - Aus 740 - Aus 741

775(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey completed
Former Notice - 433(T)/2011 is cancelled
Fugro Multi Client Services Pty Ltd (AA546055)

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 4723 (INT 723)

776(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline infrastructure
Former Notice - 718(T)/2011 is cancelled
Date - Until 10 December 2011
Department of Transport WA Notice 93/2011 (AA546427)

Works associated with pipeline infrastructure installation are in progress. An exclusion zone marked by special light buoys, *Q.Y,* exists within an area bounded by the following positions (WGS84 datum):
20° 41'.40 S 115° 23'.71 E
20° 41'.79 S 115° 24'.68 E
20° 41'.00 S 115° 25'.03 E
20° 40'.55 S 115° 24'.08 E.

MV *Carlisle* will monitor VHF Ch 16 and all vessels involved in the operations will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 742

777(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - FPSO on station
Former Notice - 623(T)/2011 is cancelled
Prosafe Production (AA546299)

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 329

I

778(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Owen Anchorage - Harbour works
Former Notice - 71(T)/2011 is cancelled
Date - Until 31 August 2011
Department of Transport WA Notices 145/2010, 94/2011 (AA512206, AA545738)

Works associated with the construction of a marina are in progress (32° 06'.00 S 115° 45'.55 E).

An exclusion zone marked by special light buoys exists within the marina and only vessels authorised by the Department of Transport may access the area.

Chart temporarily affected - Aus 117 - AX 0117S

779(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Point Riley - Scientific instrument
Former Notice - 721(T)/2011 is cancelled
Date - Until 20 August 2011
South Australian Research and Development Institute (AA543564)

A subsurface scientific instrument exists in position 33° 51'.13 S 137° 28'.56 E.

Chart temporarily affected - Aus 777 - Aus 778

780(T)/2011 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Huon Island - Scientific instrument
Former Notice - 495(T)/2011 is cancelled
Date - Until 15 November 2011
Marine and Safety Tasmania Notice M100/2011 (AA544717)

A scientific instrument marked by a light buoy, *Oc.15s* , exists in position 43° 19'.32 S 147° 07'.79 E.

Chart temporarily affected - Aus 173 - Aus 795

781(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling; light buoy established
Former Notice - 670(T)/2011 is cancelled
Victorian Notices 85(T)/2011, 93(T)/2011 (AA541373, AA544723)

Shoaling, with a least depth of *11.5m,* exists in position 38° 19'.78 S 144° 54'.00 E. An east cardinal light buoy, *VQ(3)5s,* exists in position 38° 19'.76 S 144° 54'.05 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 158

782(T)/2011 AUSTRALIA - VICTORIA - Western Port - Wonthaggi - Scientific instrument recovered
Former Notice - 1346(T)/2009 is cancelled
Cardno Lawson Treloar (AA439271)

Cancel this notice on receipt.

Chart formerly affected - Aus 150 - Aus 801

II

HYDROGRAPHIC REPORTS

Nil Reports

NAVIGATION WARNINGS

The following radio messages have been received during the period to 29 July 2011. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

Rigs on location other than those listed in the latest Section III summary are the subject of Radio Navigational Warnings. Rigs in transit will not be the subject of Warnings.

AUSCOAST WARNING

188 Cancelled.
189 Drill rig *Maersk Discoverer* in position 19º 13'·92 S 114º 25'·56 E. 2·5M clearance requested.
190 Two lit mooring buoys within 1·5M of position 20º 12'·2 S 114º 47'·9 E.
191 Cancelled.
192 Drill rig *Atwood Osprey* in position 20º 31'·19 S 114º 49'·43 E. 2·5M clearance requested.
193 Cancelled.
194 Cancelled.
195 Cancelled.
196 Drill rig *Ensco 109* in position 20º 17'·39 S 116º 16'·52 E. 2·5M clearance requested.
197 Drill rig *Atwood Eagle* in position 20º 12'·2 S 114º 47'·9 E. 2·5M clearance requested.
198 Cancelled.

NAVAREA X WARNINGS

Nil.

Navigational warnings in force as at 290001UTC JUL 11.

Auscoast
2011 166 171 176 179 183 186 187 189 190 192 196 197

Navarea X
2011 006

Summary of mobile drilling rigs as at 290001UTC JUL 11.

Name	*Position*
Ocean Patriot	11º 57'·33 S 124º 36'·30 E
Ocean America	13º 12'·58 S 122º 37'·20 E
Ensco 109	20º 17'·39 S 116º 16'·52 E
Atwood Osprey	20º 31'·19 S 114º 49'·43 E
Atwood Eagle	20º 12'·20 S 114º 47'·90 E
Maersk Discoverer	19º 13'·92 S 114º 25'·56 E
Nan Hai 6	21º 26'·00 S 114º 02'·00 E

NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 290001UTC JUL 11.

2011 Nil.

To accompany Australian Notice to Mariners 733/2011

SIR LEO HIELSCHER BRIDGES

Vessels with a masthead of over 48m must obtain Harbour Masters approval to pass beneath Sir Leo Hielscher Bridges.

Note for chart Aus 238.

10.2 The AMVER Organization

1. The Automated Mutual Assistance Vessel Rescue System (AMVER) is a computer-based, voluntary global ship reporting system sponsored by the United States Coast Guard. Appropriate ship position information is made available to recognized SAR agencies of any nation to aid the assistance of persons in distress at sea.

2. In the AUSREP area vessels can indicate in their AUSREP reports that they would like their report passed on to AMVER. This will only occur where the vessel is participating in the AUSREP system.

3. AMVER communications stations and message formats are described in Admiralty List of Radio Signals Volume 1 (ALRS Vol 1). See website below for further information.

Website:	www.amver.com

10.3 The Great Barrier Reef and Torres Strait Vessel Traffic Service - REEFVTS

1. The Great Barrier Reef and Torres Strait Ship Reporting System (REEFREP) was established as a mandatory ship reporting system under the International Convention for the Safety of Life at Sea (SOLAS Regulation V/11). REEFREP was formally adopted by the IMO's Maritime Safety Committee in Resolution MSC.52(66), and later amended by Resolutions MSC.161(78) and MSC.315(88).

2. REEFREP is an integral component of the Great Barrier Reef and Torres Strait Vessel Traffic Service (REEFVTS). Within the REEFVTS area ships identify themselves and report their intended passage through the region. This information, together with the monitoring and surveillance systems used by REEFVTS, assists with the proactive monitoring of a ship's transit through the Great Barrier Reef and Torres Strait.

3. The purpose of REEFVTS is to enhance navigational safety in Torres Strait and the Inner Route of the Great Barrier Reef thereby minimising the risk of a maritime accident and consequential pollution and major damage to the marine environment. REEFVTS also provides the ability to respond more quickly in the event of any safety or pollution incident.

10.3.1 System Overview

1. REEFVTS is manned and operated 24 hours a day by personnel operating from the REEFVTS Centre, radio call identity "REEFVTS", situated in Townsville.

2. REEFVTS provides both an information service and navigational assistance services in the REEFVTS area. In summary, the services delivered include:

   - Ship Traffic Information (STI) - Ship encounters are predicted and this information is sent to individual ships as STI, usually through Inmarsat C messaging.
   - Maritime Safety Information (MSI) - Information that is relevant to the ships location and intended movement is provided.
   - Navigational Assistance - REEFVTS may contact that ship, if there is information available to REEFVTS which may help on-board decision-making such as where the ship is heading into shallow water or deviating from a planned route.

3. REEFVTS may not know about all the hazards in the area. If a ship encounters any hazard that is not already included in Maritime Safety Information (for example, a faulty navigational aid) they should advise REEFVTS so they may pass that information on to other mariners.

10.3.2 Mandatory Reporting Requirement

1. The following categories of ships are required to report to REEFVTS, irrespective of whether they are on overseas, interstate or intrastate voyages:

   a) all ships of 50 metres or greater overall length

b) all oil tankers, liquefied gas carriers, chemical tankers or ships coming within the INF Code, regardless of length

c) ships engaged in towing or pushing where the length of the tow exceeds 150 metres, or a vessel described in a) or b) is involved.

2. Other vessels transiting the REEFVTS area are encouraged to report on a voluntary basis.

3. Mariners are referred to AMSA Marine Orders Part 56 for details of their obligations under REEFREP. This is available on the AMSA website.

Website:	www.amsa.gov.au

10.3.3 Communicating with REEFVTS

1. Communication with REEFVTS is in English. The IMO's Standard Marine Communication Phrases are to be used.

2. The means of communication with REEFVTS are:

INMARSAT C

3. REEFVTS will pay the cost of messages sent by Inmarsat C if the ship uses the special access code (SAC) 861 via POR LES 212.

4. When setting up the Inmarsat C address book, select either: ASCII or 7-bit or IA5 for data presentation or character code.

VHF Radio

5. A VHF radio network is available along the Queensland coast and Torres Strait to communicate with REEFVTS. REEFVTS keeps a listening watch at all times on the VHF working Channels 11 and 14 as shown below:

VHF Channel	Latitude from:	Latitude to:
14	9° 00' S	13° 30' S
11	13° 30' S	18° 00' S
14	18° 00' S	20° 00' S
11	20° 00' S	22° 00' S
14	22° 00' S	24° 30' S

Other Communications

6. If for any reason a ship cannot communicate via Inmarsat C or the VHF working channel, the ship must send the required information to REEFVTS in another way. The ship can use one of the following:

Telephone:	+61 7 4726 3428 1300 721 293
Fax:	+61 7 4721 0633
email:	reefvts@vtm.qld.gov.au

7. If a ship's radio equipment fails and the ship cannot send the required reports to REEFVTS, the failure must be recorded in the ship's radio log book or the official log book.

10.3.4 REEFVTS Area

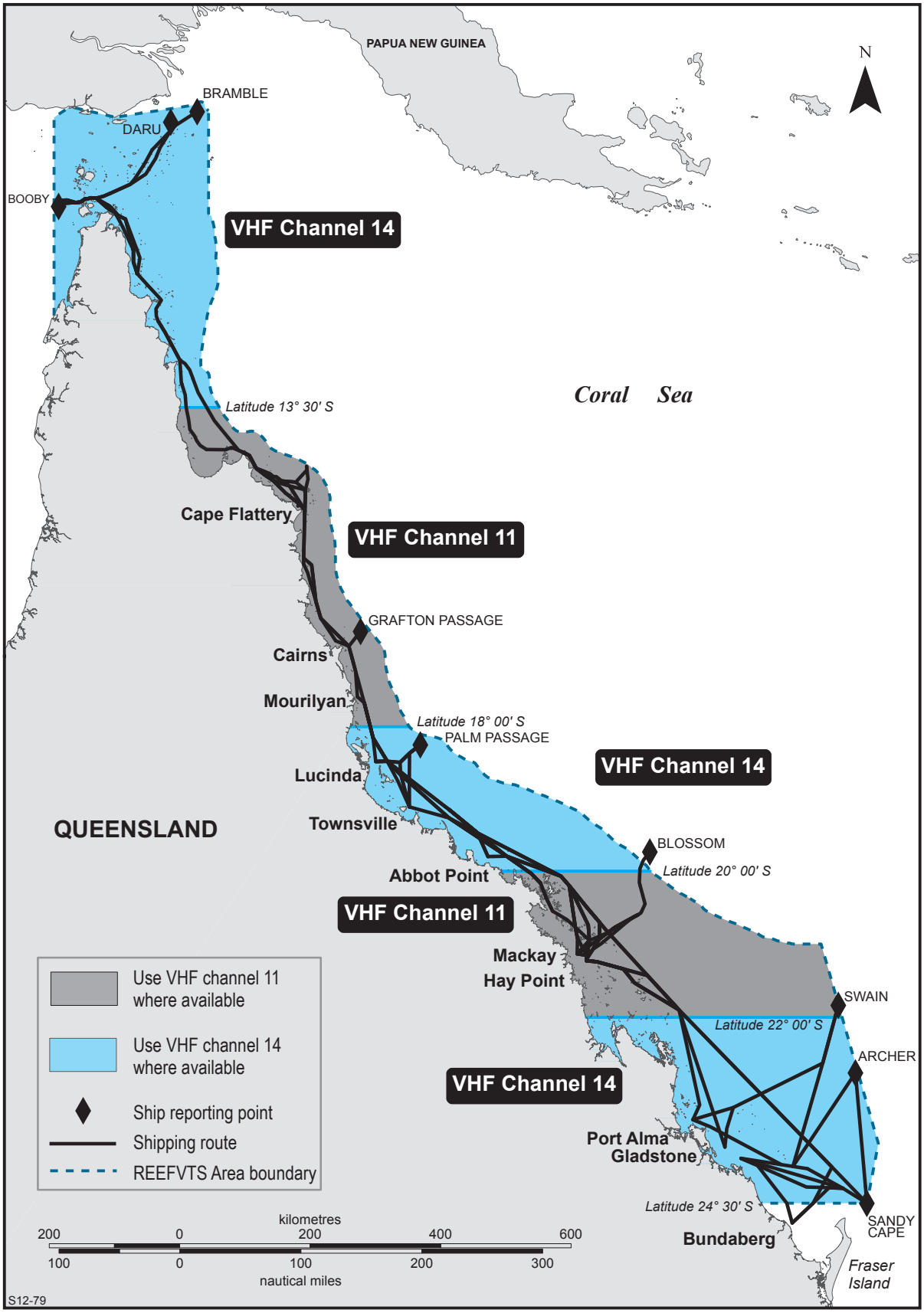
1. Australian Nautical Charts Aus 4620, 4621, 4635 and 490 provide details of the REEFVTS Area, categories of ships required to report, mandatory reporting positions and VHF Working Channels (see diagram next page).

10.4 REEFVTS Reports

1. The Master is responsible for ensuring that the information required by REEFVTS is reported to the VTS Centre. The following reports must be provided to REEFVTS:

- Pre-Entry Position Report
- Entry Report
- Route Plan Report
- Route Deviation Report
- Intermediate Position Reports
- Defect Reports
- Final Report.

2. Send all reports to REEFVTS by Inmarsat C or call on the VHF working channels. Mariners are encouraged to send reports in IMO format.



REEFVTS VHF Channel overview

Source: Maritime Safety Queensland

Message Fields Reference Codes

Line	Content	Example field text
A	Ship Name / Callsign / IMO number	A/HIBISCUS/BCBC/8502453//
B	Date/Time (UTC)	B/010200UTC//
C	Current position (name of mandatory reporting point, or lat/long)	C/BOOBY//
F	Speed (The planned Speed of the ship in knots and tenth of knots)	F/13//
H	Date, time (UTC) and point of entry to area (enter the name of the first mandatory reporting point entering the area or lat/long)	H/1036S/14144E//
J	Pilot on board - name and number	J/YES/BROWN/0012134//
K	Date, time (UTC) and point of exit from REEFVTS Area	K/041300UTC/SANDY CAPE//
L	Route Information (Usually a Route Plan. If not, the name of the next two Mandatory Reporting Points, or the course if the ship is not tracking between Mandatory Reporting Points)	L/INNER ROUTE DEEP//, or L/ALPHA NORTH VIA VARZIN PASSAGE/ HANNIBAL//
M	Communication Methods (including Inmarsat IMN, manufacturer and model)	M/450111333/JRC/JUE-75C//
O	DRAFT (fore and aft, in metres and decimetres)	O/FORE 11.5/AFT 11.3//
P	Cargo (normal name of cargo, whether dangerous)	P/BULK CHEMICALS/DG YES//
Q	Defects and other limitations	include as required
R	Pollution/dangerous goods lost overboard	include as required
U	Ship type, length (metres) and gross tonnage	U/TANKER/180/28000
X	Additional information which would contribute to navigation safety in REEFVTS Area	include as required

3. A summary of the reports is listed below and the REEFVTS User Guide should be consulted for a more detailed description. Copies of the REEFVTS User Guide are available online, hardcopies from AMSA or can be requested via email.

Websites:	www.amsa.gov.au www.msq.qld.gov.au
email:	reefvts@amsa.gov.au

10.4.1 Pre-Entry Position Report

1. A Pre-Entry Position Report is required at least 2 hours prior to entering the REEFVTS area or departing from a port within the REEFVTS area.

2. The purpose of a pre-entry report is to advise REEFVTS of the ship intentions (e.g. entry to the REEFVTS area) and take the necessary steps to ensure that the ship's Inmarsat C terminal is operational when the vessel enters the region. The vessel's Inmarsat C terminal is to be logged into the Pacific Ocean Region.

3. The following message fields are required:

Mandatory fields:	A, B, C, H, K, M

10.4.2 Entry Report

1. An Entry Report is required when a ship enters the REEFVTS area or departs from a port within the REEFVTS area. Masters are encouraged to provide a route plan with the Entry Report. However, it is understood that this may not be possible until a pilot boards.

2. The following message fields are required:

Mandatory fields:	A, B, C, F, J, K, L, O, P, Q, U, X

10.4.3 Route Plan Report

1. If a route plan is not included in the entry report, then it must be provided within 1 hour of entering the REEFVTS area or departing from a port within the REEFVTS area. More information on standard routes and associated chartlets for the Inner Route and Great North East Channel are detailed in the REEFVTS User Guide.

2. The following message fields are required:

Mandatory fields:	A, B, C, F, K, L

3. Route plan details are to be provided by one or more of the following methods:

Standard Route Plan

4. These have been developed to enable communication of the intended routes based on the name of the route (e.g. Inner Route, Great North East Channel), predefined route by communicating the ship's draft (e.g. Deep, Moderate or Shallow), and the name of any alternative legs intended to be taken that vary from the standard route.

Mandatory Reporting Points

5. Route plans can be provided by reporting at Mandatory Reporting Points as the vessel progresses through the REEFVTS area. When a vessel reports, the next two Mandatory Reporting Points need to be advised. Where there are two or more routes between Mandatory Reporting Points, the planned (e.g. Alpha North to Hannibal via Varzin Passage).

Waypoints

6. The use of non-standard routes is accommodated by providing a list of the planned waypoints for the transit - either the latitude and longitude of the planned waypoints, the Mandatory Reporting Point names, or a combination of both.

10.4.4 Intermediate Position Reports

1. Where REEFVTS advises that the ship's position is being tracked by sensors then Intermediate Position Reports at the Mandatory Reporting Points are not required.

2. If the ship's position is not being tracked by sensors, then a brief position report must be given as advised by REEFVTS.

3. Note: Make sure that the ship's Inmarsat C terminal is logged into the Pacific Ocean Region (POR).

4. The following message fields are required:

Mandatory fields:	A, B, C, F

10.4.5 Route Deviation Report

1. If the ship deviates from the Passage Plan which was sent to REEFVTS, this information should be reported to REEFVTS before the deviation is made. However, in situations where a deviation is made without much warning, a report should be sent to REEFVTS as soon as possible.

2. A new route plan report is to be sent to REEFVTS.

10.4.6 Defect Report

1. Reports must be provided without delay should a ship suffer damage, failure or breakdown which affects the safety of the ship.

2. The following message fields are required:

Mandatory fields:	A, B, C, F
Additional fields: (if appropriate)	Q, R, X

3. Reports of pollution or cargo lost overboard must also be reported to REEFVTS without delay using fields Q and R, or special reports as defined by the IMO for incidents involving Dangerous Goods (DG), Harmful Substances (HS) or Marine Pollutants (MP). See Paragraph 10.5 for further details.

10.4.7 Final Report

1. A final report is required when exiting the REEFVTS area, or when arriving at a port within the REEFVTS area.

2. The following message fields are required:

Mandatory fields:	A, B, C

10.4.8 Interaction Between REEFVTS and AUSREP

1. AUSREP is another ship reporting system. It is designed to make life at sea safer and is operated by the Australian Maritime Safety Authority (AMSA) through the Australian Rescue Coordination Centre (RCC Australia) in Canberra. Marine Orders Part 63 defines the AUSREP Area and lists the ships which must report to AUSREP.

2. REEFVTS automatically forwards regular position reports to RCC Australia. Ships participating in AUSREP will also continue to be polled while they are transiting the REEFVTS Area.

3. When a ship departs a port within the REEFVTS Area and intends to report to AUSREP when it exits the REEFVTS Area, the ship should send a Sailing Plan to RCC Australia no more than 2 hours after it has departed from the port.

4. When a ship departs the REEFVTS Area and is reporting to AUSREP, the Master should continue reporting directly to RCC Australia until the ship departs from the AUSREP area.

5. Further information about reporting to AUSREP is provided in the AUSREP User Manual. This Manual is available from AMSA offices or the AMSA website.

Website:	www.amsa.gov.au

10.5 Special Reports to AUSREP and REEFVTS

1. A ship must advise AUSREP (RCC Australia) or REEFVTS (REEFVTS Centre) as appropriate when damage or defects occur which affect its operation or seaworthiness, or when a discharge of dangerous goods, harmful substances or marine pollutants is about to or is likely to occur. The following specific reports are to be used:

10.5.1 Dangerous Goods Reports

1. When an incident occurs involving the loss or likely loss overboard of packaged dangerous goods, including those in freight containers, portable tanks, rail and road vehicles and shipborne barges into the sea, a Dangerous Goods Report (DG) is to be sent. Particulars not immediately available should be reported in a supplementary message. The primary report should contain message format fields:

Mandatory fields:	A, B, C, M, Q, R, S, T, U
Additional fields:	P,Q

2. If the condition of the ship is such that there is a danger of further loss, fields P and Q should be reported. See table 1 - Dangerous Good Reports on page 184 for further details.

10.5.2 Harmful Substances Reports

1. When an incident takes place involving the discharge or probable discharge of oil (Annex I of MARPOL) or noxious liquids in bulk (Annex II of MARPOL), a Harmful Substances Report (HS) is to be sent. Particulars not immediately available should be reported in a supplementary message. The primary report should contain message format fields.

Mandatory fields:	A, B, C, E, L, M, N, Q, R, S, T, U. X

2. The Master of a ship engaged in an operation to render assistance or undertake salvage work should report, as far as practicable, fields:

Mandatory fields:	A, B, C, E, F, L, M, N, P, Q, R, S, T, U, X

3. See table 2 - Harmful Substance Reports on page 185 for further details.

10.5.3 Marine Pollutants Reports

1. In the case of the loss or likely loss overboard of harmful substances in packaged form, including those in freight containers, portable tanks, road and rail vehicles and shipborne barges, identified in the International Maritime Dangerous Goods Code as marine pollutants (Annex III to MARPOL) a Marine Pollutants Report (MP) is to be sent. In the case of actual discharges the primary report should include message format fields:

Mandatory fields:	A, B, C, M, Q, R, S, T, U, X

2. In the case of a probable discharge field P should also be included.

3. The Master of a ship engaged in an operation to render assistance or undertake salvage work should report, as far as practicable, fields:

Mandatory fields:	A, B, C, M, P, Q, R, S, T, U, X.

4. See table 3 - Marine Pollutants Reports on page 186 for further details.

Table 1 - Dangerous Goods Reports

A	Ship Name/Callsign/IMO Number
B	Date/Time of incident
C	Position
M	Coastal Radio Stations monitored/Inmarsat numbers
P	P1: Technical name(s) of goods P2: UN number(s) P3: IMO hazard class(es) P4: Names of manufacturers of goods, or consignee or consignor P5: Types of packages (portable tanks, container, vehicle etc). Include official registration marks and numbers assigned to the unit P6: Estimated quantity and likely condition of the goods
R	R1: Technical name(s) of the goods R2: UN number(s) R3: IMO hazard class(es) R4: Names of manufacturers of goods, or consignee or consignor R5: Types of packages (portable tanks, container, vehicle etc). Include official registration marks and numbers assigned to the unit R6: Estimated quantity and likely condition of the goods R7: Whether lost goods floated or sank R8: Whether loss is continuing R9: Cause of loss

Table 2 - Harmful Substance Reports

A	Ship Name / Callsign / IMO Number
B	Date /Time of incident
C	Position
E	Course
F	Speed
L	Route
M	Coastal Radio Stations monitored / Inmarsat numbers
N	Nominated daily reporting time
P	P1: Type of oil or technical name of the noxious liquid substances on board P2: UN number(s) P3: IMO pollution category (A, B, C or D), for noxious liquid substances P4: Names of manufacturers of goods, or consignee or consignor P5: Quantity
Q	Q1: Condition of the ship as relevant Q2: Ability to transfer cargo / ballast / fuel
R	R1: Type of oil or technical name of the noxious liquid substances on board R2: UN number(s) R3: IMO pollution category (A, B, C or D), for noxious liquid substances R4: Names of manufacturers of goods, or consignee or consignor R5: Quantity R6: Whether lost substances floated or sank R7: Whether loss is continuing R8: Cause of loss R9: Estimated movement of discharge or lost substances, giving current conditions if known R10: Estimate of the surface area of the spill if possible
T	Name, address, telex and telephone number of ship's owner and representative (charterer, manager and operator or their agent)
X	X1: Action being taken with regard to the discharge and the movement of the ship X2: Assistance or salvage efforts which have been requested or provided X3: The Master of an assisting or salvaging vessel should report particulars of the action undertaken or proposed

Table 3 - Marine Pollutants Reports

A	Ship Name/Callsign/ MO Number
B	Date/Time of incident
C	Position
M	Coastal Radio Stations monitored/Inmarsat numbers
P	P1: Technical name(s) of goods P2: UN number(s) P3: IMO hazard class(es) P4: Names of manufacturers of goods, or consignee or consignor P5: Types of packages (portable tanks, container, vehicle etc). Include official registration marks and numbers assigned to the unit P6: Estimated quantity and likely condition of the goods
Q	Q1: Condition of the ship as relevant Q2: Ability to transfer cargo/ballast/fuel
R	R1: Technical name(s) of the goods R2: UN number(s) R3: IMO hazard class(es) R4: Names of manufacturers of goods, or consignee or consignor R5: Types of packages (portable tanks, container, vehicle etc). Include official registration marks and numbers assigned to the unit R6: Estimated quantity and likely condition of the goods R7: Whether lost goods floated or sank R8: Whether loss is continuing R9: Cause of loss
T	Name, address, telex and telephone number of ship's owner and representative (charterer, manager and operator or their agent)
X	X1: Action being taken with regard to the discharge and the movement of the ship X2: Assistance or salvage efforts which have been requested or provided X3: The Master of an assisting or salvaging vessel should report particulars of the action undertaken or proposed

2. The International Ship and Port Facility Security Code (ISPS) contains three security levels which will be set by the Department taking into account the prevailing threat environment. The three maritime security levels are:

Security Level 1

3. This level is the default level at which ships, port and offshore facilities normally operate.

Security Level 2

4. This level will apply in circumstances where there is a heightened risk of a security incident. Additional protective measures shall be maintained for a period of time.

Security Level 3

5. This level is activated where there is a probable or imminent risk of a security incident. This will mean further specific security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.

6. The National Counter-Terrorism Alert System guides national preparation and planning and also dictates levels of precaution and vigilance to minimize the risk of a terrorist incident occurring. There is no direct relationship between the Alert System and maritime security levels.

7. Once a higher level has been declared, maritime industry participants, including security regulated foreign ships, must comply with the relevant requirements in their security plans. Unless the Department of Infrastructure advises otherwise, maritime security levels apply to:

- a security regulated port
- a regulated Australian ship
- a regulated foreign ship
- a security regulated offshore facility
- an area within a security regulated port
- a maritime industry participant.

8. Upgrades or downgrades in security levels will be advised in writing by the Department. Once a security level 2 or 3 declaration has been made to a maritime industry participant, they have an obligation to notify all other maritime industry participants covered by their security plan.

11.1.4 Maritime Security Plans

1. Maritime security plans set out the security measures and procedures to be implemented at each security level. Maritime industry participants who must have and comply with a maritime security plan are:

- operators of security regulated ports
- operators of facilities at security regulated ports
- providers of services at such ports.

2. Maritime security plans must include:

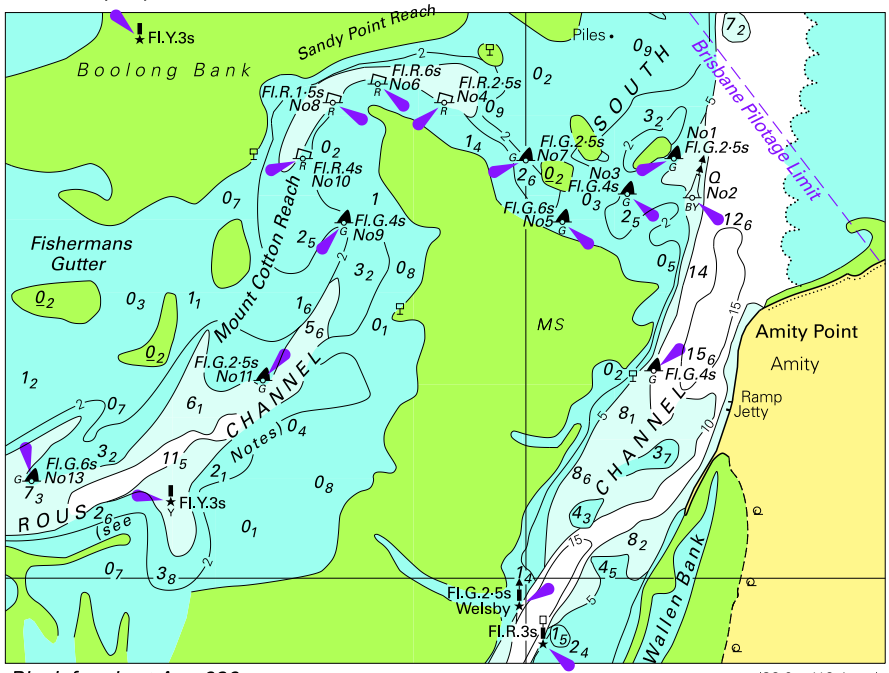
- a security assessment of the participant's operation
- the security activities or measures to be implemented at each security level
- a reference to all security officers responsible for implementing and maintaining the plan
- provision for the use of declarations of security
- how the plan will contribute to maritime security outcomes.

3. The Regulations also provide for additional matters which must be considered in a plan. Maritime security plans must be submitted to the Department of Infrastructure for approval, in writing, and include relevant maps and supporting documentation.

11.1.5 Ship Security Plans

1. Ship security plans identify the security measures to be implemented by ships when different maritime security levels are in force. Regulated Australian ships are required to have, and comply with, ship security plans. Various other ships and people are

To accompany Australian Notice to Mariners 731/2011

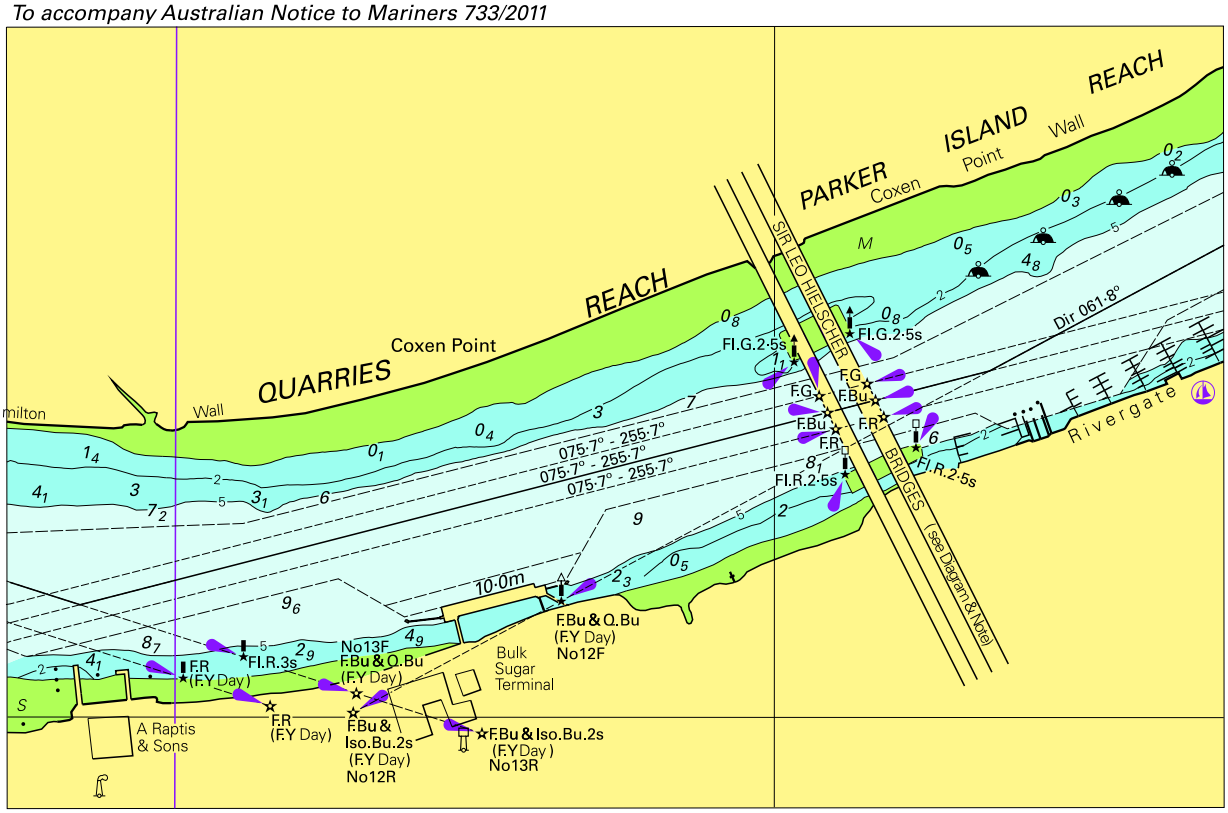


Block for chart Aus 236

© Commonwealth of Australia 2011

(86·0 x 116·4mm)

To accompany Australian Notice to Mariners 733/2011

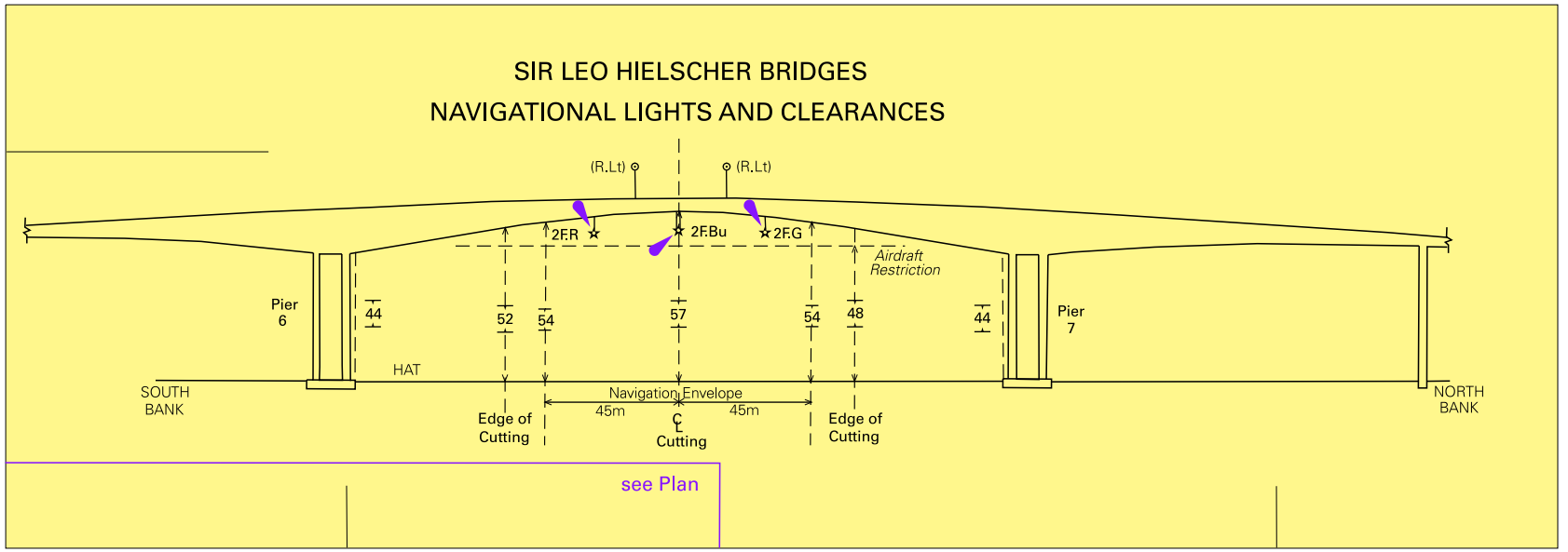


Block A for chart Aus 238

© Commonwealth of Australia 2011

(161·0 x 103·3mm)

To accompany Australian Notice to Mariners 733/2011



Block B for chart Aus 238

© Commonwealth of Australia 2011

(77·2 x 220·3mm)