1 July 2011 **Edition 13**

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

AUSTRALIAN NOTICES TO MARINERS

Notices 626 – 673

List of Temporary and Preliminary Notices in force

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

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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.

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626 AUSTRALIA - Product
Australian Hydrographic Service (AA539822), UKHO (AA541472)

New Chart

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 490	1/7/2011	Australia - East Coast - Queensland - Sandy Cape to Swain Reefs 19° 59'·0 S - 24° 50'·0 S 150º 34'·0 E - 153º 52'·0 E *New chart providing details of the extension to the REEFVTS and includes maritime boundaries. It does not include the latest RAN surveys of the Swain Reefs.*	1:500 000	Aus 5000 and 5001	$35.00
Aus 4635 (INT 635)	1/7/2011	Australia - East Coast - Cape Byron to Mackay 20° 00'·0 S - 28° 42'·0 S 148º 10'·0 E - 162º 30'·0 E *New chart, part of 1.5M international series including details of the extension to the REEFVTS.*	1:1 500 000	Aus 5000 and 5001	$35.00

New Edition

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 4620 (INT 620)	1/7/2011	Australia - Papua New Guinea - Percy Isles to Booby Island including Gulf of Papua 7° 00'·00 S - 22° 36'·08 S 141º 30'·00 E - 151º 00'·0 E *New edition providing details of the extension to the REEFVTS.*	1:1 500 000	Aus 5000	$35.00
Aus 4621 (INT 621)	1/7/2011	Coral and Solomon Seas - Mackay to Solomon Islands 7° 04'·00 S - 22° 40'·0 S 148º 00'·0 E - 157º 30'·0 E *New edition providing details of the extension to the REEFVTS.*	1:1 500 000	Aus 5000	$35.00

New Chart to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 37	Australia - North West Coast - Western Australia - Port Nelson and Prince Frederick Harbour	1:75 000	15 July 2011

New Edition to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 502	Papua New Guinea - South Coast - Cape Blackwood to Kerema Bay	1:150 000	15 July 2011
	Plan: Kerema Bay	1:37 500	

Chart permanently withdrawn without replacement

Chart	*On publication of new chart*
Aus 424 and Aus 426	Aus 4635

Admiralty publication

NP No	*Title*	*Date*	*Remarks*
NP 285	Admiralty List of Radio Signals. Global Maritime Distress and Safety System (GMDSS). Edition 2011/12.	7/7/2011	The 2010/11 edition is thereby cancelled.

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.

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627 AUSTRALIA - Product - Amendment to Australian Notice to Mariners No 2
Australian Hydrographic Service (AA539971)

Page 13
Delete entry for World of Maps

628 AUSTRALIA - Product - Amendment to Australian Notice to Mariners No 22
Australian Maritime Safety Authority (AA540235, AA540236)

Substitute accompanying pages 96 - 101

629* AUSTRALIA - QUEENSLAND - Moreton Island - Cape Moreton - Wreck southwards
T Jackson (AA535811)

Aus 236 [*543/2011*]

Insert	safe clearance depth, *20m,* enclosed by danger circle with legend *Wk*	27º 07'.38 S	153º 28'.28 E
Delete	depth, 29m	27º 07'.2 S	153º 28'.4 E

Aus 814 [*588/2011*]

Insert	safe clearance depth, *20m,* enclosed by danger circle with legend *Wk*	27º 07'.38 S	153º 28'.28 E

630* AUSTRALIA - QUEENSLAND - Double Island Point - Wreck southwards
Australian Hydrographic Service (AA540293)

Aus 815 [*589/2011*]

Delete	wreck	26º 05'.3 S	153º 08'.3 E

631* AUSTRALIA - QUEENSLAND - Breaksea Spit - Depth northwestwards
Australian Hydrographic Service (AA538906)

Aus 818 [*243/2011*]

Insert	depth, *14_8m,* and extend contour E to enclose	24º 20'.33 S	153º 04'.94 E
Delete	depth, 17_3m	24º 20'.5 S	153º 4'.9 E

632* AUSTRALIA - PAPUA NEW GUINEA - Sandy Cape to Torres Strait - Ship reporting system; chart note
Former Notice - 608(P)/2011 is cancelled
Australian Maritime Safety Authority (AA540235, AA540236)

Aus 243 [*40/2009*]

Insert	radio reporting point desig *Z7,* orient 150° - 315°, with legend *SRS (see Note),* centred on	24º 30'.2 S	152º 25'.0 E
	accompanying note	24º 55'.0 S	152º 26'.5 E

Aus 247 [*780/2010*]

Insert	radio reporting point desig *Z4,* orient 075° - 255°, with legend *SRS (see Note),* centred on	23º 23'.0 S	151º 03'.0 E
	accompanying note	23º 33'.0 S	151º 12'.0 E

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632* AUSTRALIA - PAPUA NEW GUINEA - Sandy Cape to Torres Strait - Ship reporting system; chart note *(continued)*

Aus 249 [*831/2010*]
Substitute accompanying note 21º 23'.5 S 149º 16'.0 E

Aus 251 [*737/2010*]
Substitute accompanying note 21º 00'.5 S 148º 50'.5 E

Aus 252 [*39/2011*]
Substitute accompanying note 20º 22'.0 S 148º 46'.0 E

Aus 253 [*39/2011*]
Substitute accompanying note 20º 23'.7 S 148º 48'.0 E

Aus 255 [*592/2011*]
Substitute accompanying note 19º 45'.7 S 148º 09'.3 E

Aus 256 [*545/2011*]
Substitute accompanying note 19º 16'.5 S 146º 41'.5 E

Aus 258 (plan, Gladys Inlet to King Reefs) [*246/2011*]
Substitute accompanying note 17º 35'.0 S 146º 04'.0 E

Aus 259 [*476/2010*]
Substitute accompanying note 18º 29'.0 S 146º 04'.0 E

Aus 262 [*453/2011*]
Substitute accompanying note 16º 54'.5 S 145º 45'.3 E

Aus 270 (plan, Cooktown) [*247/2011*]
Substitute accompanying note in N border 15º 26'.9 S 145º 16'.5 E

Aus 281 [*1110/2010*]
Substitute accompanying note 12º 52'.0 S 143º 55'.0 E

Aus 292 [*1162/2010*]
Substitute accompanying note 10º 49'.5 S 142º 32'.0 E

Aus 293 [*546/2011*]
Substitute accompanying note 10º 25'.5 S 142º 21'.0 E

Aus 294 [*904/2010*]
Substitute accompanying note 10º 41'.0 S 142º 14'.0 E

Aus 296 [*344/2011*]
Substitute accompanying note 10º 26'.0 S 141º 37'.0 E

Aus 299 [*546/2011*]
Insert accompanying note 10º 33'.6 S 142º 13'.0 E

Aus 301 [*344/2011*]
Substitute accompanying note 12º 34'.5 S 142º 20'.0 E

Aus 367 [*243/2011*]
Substitute accompanying note 23º 10'.0 S 149º 38'.0 E

Aus 376 [*344/2011*]
Substitute accompanying note 9º 08'.0 S 142º 03'.0 E

Aus 377 [*201/2010*]
Substitute accompanying note 10º 26'.0 S 145º 54'.0 E

Aus 700 [*344/2011*]
Insert accompanying note 10º 23'.0 S 140º 52'.5 E

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632* AUSTRALIA - PAPUA NEW GUINEA - Sandy Cape to Torres Strait - Ship reporting system; chart note *(continued)*

Aus 816 [*499/2011*]

Insert	radio reporting point desig *Z3,* orient 165° - 300°, with		
	legend *SRS (see Note),* centred on	24º 30'.0 S	153º 35'.0 E
	accompanying note	25º 07'.5 S	153º 15'.0 E

Aus 817 [*499/2011*]

Insert	radio reporting point desig *Z7,* orient 150° - 315°, with		
	legend *SRS (see Note),* centred on	24º 30'.0 S	152º 25'.0 E
	radio reporting point desig *Z8,* orient 055° - 225°, with		
	legend *SRS (see Note),* centred on	24º 30'.0 S	152º 48'.0 E
	accompanying note	25º 54'.0 S	152º 55'.0 E

Aus 818 [*631/2011*]

Insert	radio reporting point desig *Z6,* orient 100° - 280°, with		
	legend *SRS (see Note),* centred on	23º 54'.0 S	151º 45'.0 E
	radio reporting point desig *Z7,* orient 150° - 315°, with		
	legend *SRS (see Note),* centred on	24º 30'.0 S	152º 25'.0 E
	radio reporting point desig *Z8,* orient 055° - 225°, with		
	legend *SRS (see Note),* centred on	24º 30'.0 S	152º 48'.0 E
	accompanying note	24º 33'.0 S	151º 56'.0 E

Aus 819 [*38/2011*]

Insert	radio reporting point desig *Z4,* orient 075° - 255°, with		
	legend *SRS (see Note),* centred on	23º 23'.0 S	151º 03'.0 E
	radio reporting point desig *Z5,* orient 000° - 180°, with		
	legend *SRS (see Note),* centred on	23º 45'.0 S	151º 31'.5 E
	radio reporting point desig *Z6,* orient 100° - 280°, with		
	legend *SRS (see Note),* centred on	23º 54'.0 S	151º 45'.0 E
	accompanying note	23º 40'.0 S	151º 03'.0 E

Aus 820 [*899/2010*]

Insert	accompanying note	22º 49'.0 S	150º 41'.0 E

Aus 821 [*588/2010*]

Substitute	accompanying note	20º 19'.0 S	149º 43'.0 E

Aus 822 [*989/2009*]

Substitute	accompanying note	22º 13'.0 S	149º 28'.0 E

Aus 823 [*737/2010*]

Substitute	accompanying note	21º 40'.0 S	149º 20'.0 E

Aus 824 [*737/2010*]

Substitute	accompanying note	20º 56'.0 S	148º 52'.0 E

Aus 825 [*901/2010*]

Substitute	accompanying note	20º 13'.0 S	149º 38'.0 E

Aus 826 [*902/2010*]

Substitute	accompanying note	20º 04'.0 S	147º 34'.0 E

Aus 827 [*545/2011*]

Substitute	accompanying note	19º 23'.5 S	146º 26'.0 E

Aus 828 [*245/2011*]

Substitute	accompanying note	18º 43'.0 S	146º 14'.0 E

Aus 829 [*245/2011*]

Substitute	accompanying note	17º 29'.0 S	145º 45'.0 E

Aus 830 [*453/2011*]

Substitute	accompanying note	16º 56'.0 S	145º 24'.0 E

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632* AUSTRALIA - PAPUA NEW GUINEA - Sandy Cape to Torres Strait - Ship reporting system; chart note *(continued)*

Aus 831 [*832/2010*]
Substitute accompanying note 16º 16'.0 S 145º 12'.0 E

Aus 832 [*1050/2010*]
Substitute accompanying note 15º 09'.0 S 144º 36'.0 E

Aus 833 [*1051/2010*]
Substitute accompanying note 14º 21'.0 S 143º 37'.0 E

Aus 834 [*1110/2010*]
Substitute accompanying note 13º 19'.0 S 143º 23'.0 E

Aus 835 [*87/2011*]
Substitute accompanying note 12º 40'.0 S 142º 46'.0 E

Aus 839 [*88/2011*]
Substitute accompanying note 11º 14'.0 S 142º 38'.0 E

Aus 840 [*542/2010*]
Substitute accompanying note 9º 10'.0 S 142º 49'.0 E

Aus 4720 (INT 720) [*251/2011*]
Substitute accompanying note 18º 00'.0 S 136º 30'.0 E

AX 0249E [*831/2010*]
Substitute accompanying note 21º 23'.5 S 149º 16'.0 E

AX 0367E [*243/2011*]
Substitute accompanying note 23º 10'.0 S 149º 38'.0 E

AX 0820E [*899/2010*]
Insert accompanying note 22º 49'.0 S 150º 41'.0 E

AX 0822E [*989/2009*]
Substitute accompanying note 22º 13'.0 S 149º 28'.0 E

AX 0823E [*737/2010*]
Substitute accompanying note 21º 40'.0 S 149º 20'.0 E

AX 4720F [*251/2011*]
Substitute accompanying note 18º 00'.0 S 136º 30'.0 E

AX 60377 [*201/2010*]
Substitute accompanying note 10º 26'.0 S 145º 54'.0 E

AX 63262 [*453/2011*]
Substitute accompanying note 16º 54'.5 S 145º 45'.3 E

633* AUSTRALIA - QUEENSLAND - St Bees Island - Wreck
T Jackson (AA535812)

Aus 251 [*632/2011*]
Insert stranded wreck 20º 54'.2 S 149º 26'.9 E

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634* AUSTRALIA - QUEENSLAND - Townsville - Sea Channel - Light beacons altered
Maritime Safety Queensland Notice 521/2011 (AA538982, AA539138, AA539140, AA539143)

Aus 256 [*632/2011*]

Amend	light beacon to *Iso.2s (F Day) & Fl(2)6s*	19º 12'.25 S	146º 51'.74 E
	light beacon to *Q (F Day) & Fl.R.4s P4*	19º 11'.78 S	146º 51'.93 E
Delete	structure colour, BRB	19º 12'.25 S	146º 51'.81 E

Aus 827 [*632/2011*]

Amend	light beacon to *Q (F Day) & Fl.R.4s P4*	19º 11'.8 S	146º 51'.9 E
	light beacon to *Iso.2s (F Day) & Fl(2)6s*	19º 12'.2 S	146º 51'.7 E
Delete	structure colour, BRB	19º 12'.4 S	146º 51'.8 E

635* PAPUA NEW GUINEA - Bougainville Island - Moto Reef to Takanupei Island - Lights altered, depths
National Maritime Safety Authority PNG Notice 22/2011 (AA535709, AA540216 - AA540221)

Aus 399 [*433/2010*]

Insert	light, *Fl(2)G.8s 4M*	6º 08'.30 S	155º 39'.03 E
Amend	light to *Fl.R.5s 7M*	6º 08'.8 S	155º 39'.5 E
Delete	light	6º 08'.2 S	155º 38'.9 E

Aus 683 (plan, Kieta Harbour) [*596/2009*]

Insert	light beacon, *Fl.G.5s 9m 7M,* without topmark	6º 12'.526 S	155º 38'.340 E
Delete	light beacon	6º 12'.50 S	155º 38'.36 E
	depth, 19m	6º 12'.53 S	155º 38'.34 E
	contour enclosing depth, 50m	6º 12'.48 S	155º 38'.84 E

Aus 683 (plan, Approaches to Kieta Bay and Anewa Bay)

Insert	light beacon, *Fl.R.5s 8m 7M,* without topmark	6º 08'.774 S	155º 39'.517 E
	light beacon, *Fl(2)G.8s 8m 4M,* without topmark	6º 08'.296 S	155º 39'.034 E
	light beacon, *Fl.G.5s 7M,* without topmark	6º 12'.526 S	155º 38'.340 E
	accompanying block	6º 09'.0 S	155º 34'.0 E
Move	light beacon	6º 10'.15 S	155º 39'.03 E
	to	6º 10'.122 S	155º 39'.031 E
Delete	light beacon	6º 08'.68 S	155º 39'.53 E
	light beacon	6º 08'.22 S	155º 38'.93 E
	light beacon	6º 12'.49 S	155º 38'.34 E
	depth, 2_6m	6º 08'.77 S	155º 39'.52 E

Aus 4622 (INT 622) [*193/2011*]

Amend	light to *Fl.R.7M*	6º 08'.8 S	155º 39'.5 E

636* PAPUA NEW GUINEA - Pigibut Bay - Prohibited anchorage; pipeline; wreck
Simberi Gold Company Ltd (DHDB 1781551, AA533879 - AA533883)

Aus 393 [*343/2011*]

Insert	stranded wreck	2º 38'.91 S	152º 01'.36 E

Aus 669 (plan, Pigibut Bay) [*NC 13/3/2009*]

Insert	accompanying block	2º 38'.6 S	152º 01'.4 E

Aus 669 (plan, Tabar Islands)

Insert	stranded wreck	2º 38'.91 S	152º 01'.36 E

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637* INDONESIA - Pulau Nuse - Contour
Australian Hydrographic Service (AA539972, AA539973)

Aus 317 [*706/2009*]

Insert	contour, between	10º 47'.53 S	122º 43'.53 E
		10º 47'.03 S	122º 42'.80 E
		10º 47'.60 S	122º 41'.82 E
Delete	contour, between	10º 47'.5 S	122º 43'.5 E
		10º 47'.6 S	122º 41'.8 E

AX 0317F [*706/2009*]

Insert	contour, between	10º 47'.53 S	122º 43'.53 E
		10º 47'.03 S	122º 42'.80 E
		10º 47'.60 S	122º 41'.82 E
Delete	contour, between	10º 47'.5 S	122º 43'.5 E
		10º 47'.6 S	122º 41'.8 E

638* AUSTRALIA - WESTERN AUSTRALIA - Dampier - Enderby Island - Mooring buoys established
Department of Transport WA (AA539603, AA539604, AA540589, AA542030)

Aus 57 [*509/2011*]

Insert	lit yellow cylindrical mooring buoy, *Q.Y*	20º 36'.34 S	116º 33'.92 E
	lit yellow cylindrical mooring buoy, *Q.Y*	20º 35'.76 S	116º 34'.67 E
	lit yellow cylindrical mooring buoy, *Q.Y*	20º 35'.83 S	116º 34'.28 E
	lit yellow cylindrical mooring buoy, *Q.Y*	20º 36'.11 S	116º 34'.17 E

639* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Racon, AIS
Fremantle Ports Notice 12/2011 (AA540719, AA541240)

Aus 112 [*551/2011*]

Amend	light buoy to *LFl.10s Racon (V) AIS Fairway Landfall*	31º 57'.13 S	115º 38'.82 E

Aus 334 [*551/2011*]

Amend	light buoy to *LFl.10s Racon (V) AIS Fairway Landfall*	31º 57'.1 S	115º 38'.8 E

Aus 754 [*551/2011*]

Amend	light buoy to *LFl.10s Racon (V) AIS Fairway Landfall*	31º 57'.1 S	115º 38'.8 E

AX 0334E [*406/2011*]

Amend	light buoy to *LFl.10s Racon (V) AIS Fairway Landfall*	31º 57'.1 S	115º 38'.8 E

AX 0754E [*459/2011*]

Amend	light buoy to *LFl.10s Racon (V) AIS Fairway Landfall*	31º 57'.1 S	115º 38'.8 E

AX 63112 [*551/2011*]

Amend	light buoy to *LFl.10s Racon (V) AIS Fairway Landfall*	31º 57'.13 S	115º 38'.82 E

AX 66002 [*551/2011*]

Amend	light buoy to *LFl.10s Racon (V) AIS Fairway Landfall*	31º 57'.1 S	115º 38'.8 E

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640* AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Medina Channel - Restricted area
Fremantle Ports (AA536091)

Aus 114 [*597/2011*]

Delete	topmark	32º 09'.70 S	115º 45'.75 E
	topmark	32º 09'.90 S	115º 45'.51 E
	topmark	32º 10'.30 S	115º 45'.81 E
	topmark	32º 10'.33 S	115º 45'.68 E
	topmark	32º 10'.92 S	115º 46'.04 E
	topmark	32º 10'.96 S	115º 45'.91 E

Aus 117 [*407/2011*]

Insert	accompanying block	32º 09'.8 S	115º 46'.0 E

AX 70117 [*407/2011*]

Insert	accompanying block	32º 10'.3 S	115º 46'.0 E

641* AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Depths
Australian Hydrographic Service (DHDB 379631)

Aus 109 [*1172/2010*]

Substitute	#, with magenta legend *Historic Wk (see Note),* for dangerous wreck	35º 04'.83 S	117º 56'.23 E

Aus 110 [*1172/2010*]

Insert	accompanying block	35º 03'.0 S	117º 56'.5 E

AX 0110E [*1172/2010*]

Insert	accompanying block	35º 03'.0 S	117º 56'.5 E

642* AUSTRALIA - SOUTH AUSTRALIA - Port Stanvac - Light buoys established
Department of Transport, Energy and Infrastructure SA Notice 21/2011 (AA538920, AA539759 - AA539765)

Aus 125 (plan, Port Stanvac) [*360/2011*]

Insert	accompanying block	35º 05'.5 S	138º 28'.3 E

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643(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 556(T)/2011 is cancelled

Newcastle Port Corporation (AA541241)

Available depths as at 24 June 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	16.5
	Dyke 5	16.5
	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	16.5
	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	14.7
*	Steelworks Channel to Swinging Basin	14.7
	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

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644(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information
Former Notice - 606(T)/2011 is cancelled
Brisbane Port Corporation (AA542129), Maritime Safety Queensland Notice 567(T)/2011 (AA540982)

Available depths and under keel clearances (UKC) at 24 June 2011:

	Berth	*Metres*	*Remarks*
	Fisherman Islands No10	12.9	
	Fisherman Islands No9	13.2	
	Fisherman Islands No8	14.0	
	Fisherman Islands No7	13.8	
	Fisherman Islands No6	12.9	
	Fisherman Islands No5	13.5	
	Fisherman Islands No4	13.4	
*	Fisherman Islands No3	13.5	
	Fisherman Islands No2	13.3	
*	Fisherman Islands No1	14.1	
*	Fisherman Islands Grain and Woodchip	13.0	
*	Caltex Fisherman Islands	14.3	
*	Fisherman Islands Coal	13.5	
	Fisherman Islands General Purpose	10.6	
*	BP Luggage Point	14.3	
	Caltex Products	10.0	
*	Cement Australia Co Wharf	9.8	
*	BP Products	10.2	
*	Shell	10.8	
	Pacific Terminals	9.9	
*	Incitec North	9.9	
*	Incitec South	10.5	
	Pinkenba 1	10.4	
	Pinkenba 2	10.4	
	Riverside Marina	-	
	Sugar Terminal	9.7	
	Cairncross Fitting Out Wharf	8.2	
	Cairncross Breasting Wharf	6.7	
	Brisbane Naval Wharf	-	
	Maritime No3	5.6	(not maintained)
	Maritime No2	8.3	
	Maritime No1	9.0	
*	Hamilton No4	10.1	
	Hamilton No1	8.5	
*	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	13.3	1.46
* Fisherman Islands Swing Basin	13.7	1.3
Pelican Banks Reach to Hamilton Reach	8.9	0.6 / 0.9 (draft/tide)
* Cement Australia Swing Basin	8.9	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	8.9	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	8.6	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

645(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Whyte Island - Dredging operations completed
Former Notice - 558(T)/2011 is cancelled
Maritime Safety Queensland Notice 493(T)/2011 (AA537053)

Cancel this notice on receipt.

Chart formerly affected – Aus 237

646(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Dredging operations completed
Former Notice - 518(T)/2011 is cancelled
Maritime Safety Queensland Notice 586/2011 (AA534376)

Cancel this notice on receipt.

Chart formerly affected – Aus 235 – Aus 236 – Aus 237 – Aus 238

647(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Koopa Channel - Obstruction removed
Former Notice - 560(T)/2011 is cancelled
Maritime Safety Queensland Notice 574/2011 (AA540869)

Cancel this notice on receipt.

Chart formerly affected – Aus 236 – Aus 237

648(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Bridge construction
Former Notice - 465(T)/2011 is cancelled
Date - Until 21 July 2011
Maritime Safety Queensland Notices 171(T)/2008, 164(T)/2009, 166(T)/2009, 756(T)/2010, 393(T)/2011, 568(T)/2011 (AA323151, AA395818, AA396377, AA492668, AA532382, AA540981)

Construction of the Houghton Highway Bridge is in progress in position 27° 17'.01 S 153° 03'.89 E (WGS84 datum).

A falsework bridge exists to the east of the existing bridge. The seaward limit of the falsework bridge will be marked by lights, *Q.Y.*

Navaids exist as follows:

Position	*Remarks*
27° 15'.84 S 153° 04'.62 E	port beacon
27° 15'.95 S 153° 04'.75 E	starboard buoy
27° 15'.97 S 153° 04'.74 E	port buoy
27° 16'.56 S 153° 04'.29 E	lit starboard buoy, *Fl.G.2·5s*
27° 16'.60 S 153° 04'.26 E	lit port buoy, *Fl.R.2·5s*
27° 16'.57 S 153° 04'.11 E	lit starboard buoy, *Fl.G.2·5s*
27° 16'.59 S 153° 04'.09 E	lit port buoy, *Fl.R.2·5s*

Works to remove temporary lit piles adjacent to the channel in Hays Inlet (27° 15'.82 S 153° 04'.70 E) are in progress. The channel will be closed to traffic until 21 July 2011.

Mariners should navigate with caution in the area.

Chart temporarily affected – Aus 236

649(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Pumicestone Channel - Bellara - Light beacon destroyed
Maritime Safety Queensland Notice 570(T)/2011 (AA541004)

Light beacon, *Fl.R.2·5s* (27° 04'.13 S 153° 08'.59 E), has been destroyed; a port lateral light buoy, *Fl.R.2·5s,* exists in situ.

Chart temporarily affected – Aus 235 – Aus 236

I

650(T)/2011 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling
Former Notice - 467(T)/2011 is cancelled
Maritime Safety Queensland Notice 559(T)/2011 (AA541005)

Shoaling, with a least depth of *2.1m* (LAT), exists within the entrance to Mooloolah River extending 100m from the end of the eastern breakwater to the channels centreline.

Shoaling with a least depth of *0.9m* exists between light beacon No1 (26° 40'.81 S 153° 07'.94 E) and No3 (26° 40'.86 S 153° 08'.01 E), along the starboard side of the channel.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 235

651(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Obstruction
Date - Until 26 August 2011
Maritime Safety Queensland Notice 542(T)/2011 (AA539769)

Anchorage N5 (23° 49'.2 S 151° 29'.0 E) is closed due to a lost anchor.

Chart temporarily affected – Aus 819

I

652(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Depth information
Former Notice - 416(T)/2011 is cancelled
Maritime Safety Queensland Notice 565(T)/2011 (AA540993)

Available depths as at 22 June 2011:

	Metres
Sea Channels:	
Wild Cattle Cutting	16.1
Boyne Island Cutting	16.3
Boyne Island Extension Channel	9.0
Golding Cutting	15.9
South Bypass Channel	7.4
Gatcombe Channel	16.3
Gatcombe Bypass Channel	13.4
Inner Channels:	
Auckland Channel	15.3
Auckland Bypass Channel	6.8
Clinton Channel	16.0
Clinton Bypass Channel	10.6
* Clinton Swing Basin	10.6
* Targinie Channel	10.6
* Targinie Swing Basin East	10.6
* Targinie Swing Basin West	9.0
Berths:	
Boyne Smelter Wharf	15.0
South Trees East Wharf	13.8
South Trees West Wharf	13.0
Barney Point Wharf (east approach)	13.5
Barney Point Wharf (west approach)	11.5
Barney Point Wharf	15.0
Auckland Point No 1 Wharf	11.3
Auckland Point No 2 Wharf	11.3
Auckland Point No 3 Wharf	11.4
Auckland Point No 4 Wharf	11.3
Clinton No 1 Wharf	19.2
Clinton No 2 Wharf	18.4
Clinton No 3 Wharf	18.6
Clinton No 4 Wharf	19.1
Fishermans Landing Wharf No 1	13.6
Fishermans Landing Wharf No 2	13.3
Fishermans Landing Wharf No 4	11.4
Fishermans Landing Wharf No 5	11.4

* Indicates new or revised entry.

Chart temporarily affected – Aus 244 – Aus 245 – Aus 246

653(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point - Harbour works
Former Notice - 521(T)/2011 is cancelled
Date - Until 31 July 2011
Maritime Safety Queensland Notice 547(T)/2011 (AA539941)

Harbour works are in progress at Barney Point Wharf. An exclusion zone exists in within an area bounded by the following positions:
23° 50'.13 S 151° 16'.00 E
23° 50'.10 S 151° 16'.21 E
23° 50'.18 S 151° 16'.45 E
23° 50'.23 S 151° 16'.29 E.

The barges *PMG 150* and *Swissco 58* have deployed 4 anchors marked by light buoys. They will display appropriate lights and symbols and will monitor VHF Ch 13 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 244 – Aus 245

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654(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Hamilton Point to South Passage Island - Light buoys
Former Notice - 611(T)/2011 is cancelled
Maritime Safety Queensland Notice 583(T)/2011 (AA541594)

Light buoys exist in the following positions:

Number	*Position*	*Characteristic*
PIC1	23° 47'.28 S 151° 12'.25 E	*Fl.G.2.5s*
PIC2	23° 47'.59 S 151° 12'.41 E	*Fl.R.2.5s*
PIC3	23° 47'.16 S 151° 12'.11 E	*Fl.G.2.5s*
PIC4	23° 47'.37 S 151° 12'.18 E	*Fl.R.2.5s*
PIC5	23° 46'.95 S 151° 11'.98 E	*Fl.G.2.5s*
PIC6	23° 47'.11 S 151° 11'.85 E	*Fl.R.2.5s*
PIC8	23° 46'.85 S 151° 11'.79 E	*Fl.Y.2.5s*

Chart temporarily affected – Aus 245

655(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Seismic survey completed
Former Notice - 468(T)/2011 is cancelled
Maritime Safety Queensland Notice 373(T)/2011 (AA531287)

Cancel this notice on receipt.

Chart formerly affected – Aus 244 – Aus 245 – Aus 246 – Aus 819

656(T)/2011 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing
Former Notice - 614(T)/2011 is cancelled
Date - Until 1 August2011
Maritime Safety Queensland Notice 579(T)/2011 (AA541317)

Live firing activities will be conducted in the Shoalwater Bay training area.

A marine danger area extends to all internal waters bounded by the following positions:

22° 21'.20 S	150° 10'.52 E
22° 20'.35 S	150° 12'.00 E
22° 16'.94 S	150° 12'.07 E
22° 14'.92 S	150° 20'.06 E
22° 14'.76 S	150° 20'.31 E
22° 09'.00 S	150° 25'.00 E
22° 09'.00 S	150° 37'.00 E
22° 06'.00 S	150° 45'.00 E
22° 19'.00 S	150° 49'.00 E
22° 19'.92 S	150° 45'.05 E
22° 40'.48 S	150° 55'.05 E
22° 46'.87 S	150° 53'.01 E
22° 46'.20 S	150° 48'.51 E
22° 35'.87 S	150° 28'.80 E
22° 21'.20 S	150° 10'.52 E.

All waters, creeks, beaches and other areas within the declared marine danger area are not available for access.

See accompanying block.

Chart temporarily affected – Aus 248 – Aus 260 – Aus 261 – Aus 367 – Aus 490 – Aus 820 – Aus 822 – AX 0260E – AX 0367E – AX 0820E – AX 0822E – AX 60260 – AX 67248 – AX 67261

I

657(T)/2011 AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Scientific instruments
Date - Until 12 August 2011
Maritime Safety Queensland Notice 555(T)/2011 (AA539947)

Subsurface scientific instruments marked by special light buoys, *Fl.Y.4s,* exist in the following positions:
19° 09'.64 S 146° 51'.33 E
19° 09'.73 S 146° 51'.28 E
19° 09'.60 S 146° 51'.51 E.

Chart temporarily affected – Aus 256

658(T)/2011 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Conn Creek - Exclusion zone removed
Former Notice - 218(T)/2011 is cancelled
Maritime Safety Queensland Notice 553/2011 (AA539938)

Cancel this notice on receipt.

Chart formerly affected – Aus 259

659(P)/2011 AUSTRALIA - QUEENSLAND - Channel Rocks - Light buoy to be established
Former Notice - 616(P)/2011 is cancelled
Date - Until 24 July 2011
Australian Maritime Safety Authority ATH 2/11 (AA539592, AA541953)

A starboard lateral light buoy, *Fl.G.5s,* with topmark, will be established in position 14° 08'.33 S 144° 28'.94 E.

Chart which will be affected – Aus 270 – Aus 833

660(T)/2011 PAPUA NEW GUINEA - Bougainville Island - Lights unlit
Former Notice - 609(T)/2008 is cancelled
National Maritime Safety Authority PNG Notice 22/2011 (AA535709)

The following lights are unlit:

Location	*Position*
Dokome Point (K4885.2)	6° 10'.91 S 155° 32'.94 E
Kerekerina Point (K4885)	6° 11'.30 S 155° 33'.56 E
Arawa Bay (K4884.6)	6° 13'.74 S 155° 34'.37 E

Chart temporarily affected – Aus 399 – Aus 683 – Aus 4622 (INT 622)

661(T)/2011 PAPUA NEW GUINEA - Rantan Island - Light relit
Former Notice - 1102(T)/2008 is cancelled
National Maritime Safety Authority PNG Notice 22/2011 (AA535709)

Cancel this notice on receipt.

Chart formerly affected – Aus 399

662(T)/2011 AUSTRALIA - QUEENSLAND - Albatross Bay - Scientific instrument
Former Notice - 729(T)/2009 is cancelled
Maritime Safety Queensland Notice 576(T)/2011 (AA541254)

A special light buoy, *Fl(5)Y.20s,* exists in position 12° 41'.29 S 141° 41'.07 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 4 – Aus 701

I

663(T)/2011 AUSTRALIA - TIMOR SEA - Sahul Banks - Drilling operations
Date - Until 22 August 2011
PTTEP Australasia Pty Ltd (AA541620)

The drill rig *Ocean Patriot* and support vessels MV *Pacific Vigour*, MV *Pacific Wrestler* and MV *Coral* are conducting drilling operations in position 11° 57'.56 S 124° 36'.51 E.

A 500m exclusion zone exists around the drill rig.

Chart temporarily affected – Aus 314 – AX 0314F

664(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Tanner Island - Light unlit
MV *Svitzer Doolja* (AA542143)

The light, *Fl(2)10s 23m 12M* (16° 05'.69 S 123° 31'.81 E), is unlit.

Chart temporarily affected – Aus 40 – Aus 323 – Aus 732 – Aus 733

665(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef to James Price Point - Scientific instruments recovered
Former Notice - 122(T)/2011 is cancelled
Fugro Survey Pty Ltd (AA541860)

Cancel this notice on receipt.

Chart formerly affected – Aus 322 – Aus 323 – Aus 324 – AX 0322F

666(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drilling operations northwards
Former Notice - 327(T)/2011 is cancelled
Aventus Consulting (AA523844)

Cancel this notice on receipt.

Chart formerly affected – Aus 327 – Aus 741 – Aus 4722 (INT 722) – Aus 4723 (INT 723) – AX 4722F

667(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Seismic survey northwestwards
Former Notice - 490(T)/2011 is cancelled
BHP Billiton Petroleum (AA531522, AA531523)

Cancel this notice on receipt.

Chart formerly affected – Aus 329 – Aus 4723 (INT 723) – Aus 4725 (INT 725) – AX 4723F

668(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Great Sandy Point to West Beach - Scientific instruments recovered
Former Notice - 330(T)/2011 is cancelled
Department of Transport, Energy and Infrastructure SA Notice 13/2011 (AA522325)

Cancel this notice on receipt.

Chart formerly affected – Aus 130 – Aus 137 – Aus 138 – Aus 781

669(T)/2011 AUSTRALIA - VICTORIA - Barwon Heads - Light unlit
Victorian Notice 84(T)/2011 (AA542083)

The light, *Fl.3s* (38° 17'.08 S 144° 29'.89 E), is unlit.

Chart temporarily affected – Aus 143 – Aus 349 – Aus 788

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670(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling
Victorian Notice 85(T)/2011 (AA541373)

Shoaling, with a least depth of *11.5m,* exists in position 38° 19'.78 S 144° 54'.00 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 143 – Aus 158

671(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Light beacon re-established
Former Notice - 893(T)/2008 is cancelled
Victorian Notice 88/2011 (AA542056)

Cancel this notice on receipt.

Chart formerly affected – Aus 154

672(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Shoaling
Victorian Notice 87(T)/2011 (AA541943)

Shoaling, with a least depth of *0.5m,* exists within the entrance to Patterson River (38° 04'.41 S 145° 07'.17 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 143

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES
Former Notice - 396(T)/2011 is cancelled
Australian Hydrographic Service (AA532446)

Notice	*Charts affected*	*Locality and Subject*
		BASS STRAIT
448/2011	Aus357-487	Platforms; pipeline
		NEW SOUTH WALES
		Batemans Bay
317/2006	Aus191	Shoaling; buoy
		Botany Bay
1113/2009	Aus198-199	Harbour works
1376/2010	Aus198-199	Light buoys
		Broken Bay
1318/2010	Aus197-204-215-424-489-809-4643-AX0809E-67215	Barrenjoey Head-Light range reduced
		Cape Baily to Ben Buckler
49/2010	Aus197-808-809-AX0808E-0809E-63200-AU434151	Scientific instruments
		Green Cape to Ballina Head
258/2011	Aus195-197-806-807-808-809-810-811-812-813-AX0808E-0809E	Scientific instruments
		Hastings River
847/2010	Aus219-AU5219P3	Light discontinued
		Manly
1009/2009	Aus197-200-201-AX63200-AU5X200E	Scientific instruments

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Newcastle
919/2010	Aus207-208-809-AX0809E	Obstructions
201/2011	Aus207-208	Harbour works; dredging operations
515/2011	Aus207-208	Dredging operations
643/2011	Aus207-208	Depth information
		North Avoca
311/2011	Aus197-204-809-AX0809E	Scuttling; light buoy
		Port Jackson
167/2010	Aus200-202-AU5X200E	Scientific instrument
		Port Kembla
918/2010	Aus195-808-AX0808E	Obstructions
410/2011	Aus194-195	Spoil ground
514/2011	Aus194	Depth information
		NORTHERN TERRITORY
		Apsley Strait
324/2011	Aus22-23-309-722-AX0309F-72309-72722	Light buoys off station and unlit
		Cape Wessels
617/2011	Aus442	Hulk westnorthwestward
		Darwin
173/2011	Aus24-27-28	Depth information
		Troubadour Shoals
950/2004	Aus309-311-315	Scientific instruments
		QUEENSLAND
		Abbot Bay
475/2011	Aus255	Drilling operations
		Abbot Point
615/2011	Aus255	Scientific instrument
		Acacia Island
381/2010	Aus251-AU421148	Light beacon destroyed
		Airlie Beach
819/2008	Aus252-253-268-AU5268P2	Light buoys established
667/2009	Aus252-253-268-AU5268P2	Wreck
62/2011	Aus252-253-268	Muddy Bay-Light beacons established
		Albatross Bay
662/2011	Aus4-701	Scientific instrument
		Arkwright Point
110/2011	Aus365	Scientific instrument
		Barb Reef
716/2010	Aus254-825-AU320149	Beacon destroyed
		Bird Island to Groper Point
212/2011	Aus252-254-825	Navaids
		Black Island
845/2009	Aus252-254-AU5254P2	Light beacon destroyed

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Bowen
267/2011	Aus268	Light buoy off station
		Boyne River
415/2011	Aus246	Shoaling
		Brisbane River
1090/2006	Aus238	Lights altered
560/2010	Aus236-237-AU428153-5237X8	Whyte Island-Harbour works
965/2010	Aus238-AU5237X8	Shoaling
1123/2010	Aus237	Harbour works
55/2011	Aus236-237	Mooring buoys
108/2011	Aus238	Light buoys established
160/2011	Aus238	Hamilton Reach to South Brisbane Reach-Obstructions
203/2011	Aus238	Petrie Bight-Harbour works
369/2011	Aus238	Shafston Reach-Harbour works
644/2011	Aus235-236-237-238-814-815	Depth information
		Bundaberg
1386/2010	Aus242	Anchoring prohibited
264/2011	Aus242-243	Depth information
		Burnett River
519/2011	Aus242	Dredging operations; pipeline
520/2011	Aus242	Navaids; shoaling
		Cairns
327/2010	Aus262-263-264-830-AX63262-AU417145-5262X4	Depth information
222/2011	Aus263	Wreck
378/2011	Aus262-AX63262	Light beacon damaged
478/2011	Aus262-263-AX63262	Dredging operations
		Cape Bowling Green
114/2008	Aus826-827	Scientific instrument
		Cape Cleveland
1395/2010	Aus256-827	Scientific instrument
		Cape Ferguson
717/2010	Aus256-827-AU320147	Scientific instruments
		Cape Upstart
94/2009	Aus826-827-AU320147	Wreck northwards
		Cassady
755/2008	Aus371-372-827-828	Light beacon destroyed
		Channel Rocks
659/2011	Aus270-833	Light buoy to be established
		Cleveland Bay
526/2011	Aus256-257	Scientific instrument
		Colosseum Inlet
804/2010	Aus246-819-AU424151	Obstruction
		Cooktown
1136/2009	Aus270-AU5270P6	Light buoy repositioned; light buoy established
929/2010	Aus270	Depth information

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673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Coral Point
175/2010	Aus249-823-AX0249E-0823E-AU422149	Light beacon destroyed
		Double Island
971/2010	Aus830	Scientific instrument
		Dugong Island
223/2011	Aus376-837-839	Wreck
		Emu Point
419/2011	Aus247-819-820	Lights altered
		Fitzroy River
60/2011	Aus247-819	Light buoys off station
		Gladstone
1445/2009	Aus246-AU424151	Boyne Cutting-Light beacon destroyed; light buoy established
171/2010	Aus246-AU424151	Boyne River-Light beacons destroyed
760/2010	Aus244-245-AU5244X5	Fishermans Landing to Curtis Island-Pipeline
1390/2010	Aus244-245	Scientific instruments
1392/2010	Aus245	Harbour works; light buoys established
163/2011	Aus244-245-819	Fishermans Landing-Harbour works
206/2011	Aus246	South Channel-Scientific instrument
417/2011	Aus245	Bushy Islet-Scientific instrument
418/2011	Aus245	Anchorage area
469/2011	Aus245	Wreck
470/2011	Aus245-819	North Passage Island to Redcliffe Island-Scientific instruments
522/2011	Aus245	Hamilton Point-Harbour works northwestwards
523/2011	Aus245	North Passage Island-Dredging operations
562/2011	Aus245	Curtis Island-Dredging Operations
609/2011	Aus244-245	Light buoys
612/2011	Aus245	Wreck, light buoy southwards
651/2011	Aus819	Obstruction
652/2011	Aus244-245-246	Depth information
653/2011	Aus244-245	Harbour works
654/2011	Aus245	Hamilton Point to South Passage Island-Light buoys
		Gladys Inlet
1081/2010	Aus258	Shoaling; light buoys repositioned
428/2011	Aus258-829	Light beacon unlit
		Gloucester Passage
165/2011	Aus268	Light beacon damaged
		Gold Coast Seaway
50/2011	Aus230	Shoaling
51/2011	Aus230	Shoaling
461/2011	Aus230-814	Dredging operations
		Goold Island
1099/2008	Aus828-AU419146	Wreck
		Great Keppel Island
174/2010	Aus366-367-819-820-AX0367E-0820E-AU424150	Light beacon destroyed
		Hamilton Point to Friend Point
610/2011	Aus245-246	Dredging operations

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Hay Point
964/2009	Aus249-250-AU5250P2	Depth information
1329/2010	Aus249-250	Depth information
524/2011	Aus249-250	mooring buoys
564/2011	Aus250	Dredging and drilling operations
		Hay Point to Bailey Islet
374/2011	Aus249-250-251-AX0249E	Scientific instruments
		Henderson Rock
436/2010	Aus236-364-814-AU428153	Wreck
		Heron Island
111/2008	Aus819	Scientific instruments
		Hesket Rock
318/2010	Aus251-823-824-AX0823E-AU421149	Light beacon destroyed
		Hinchinbrook Channel
1197/2010	Aus259-828	Wreck
427/2011	Aus259	Light buoys off station
		Hinchinbrook Island
219/2011	Aus828	Light beacon destroyed
		Hook Island
1195/2010	Aus252	Nara Inlet-Light beacon destroyed; light buoy established
		Hook Reef
930/2007	Aus254-825	Beacon destroyed
		Io Reef
1188/2010	Aus251-252-824	Light beacon destroyed; light buoy established
		Karumba
1051/2008	Aus6	Light beacon withdrawn
117/2011	Aus6	Light buoy withdrawn
481/2011	Aus6	Depth information
		Laguna Quays
1052/2006	Aus252	Reduced depth
444/2010	Aus252-AU5252P1	Lights unlit; light beacons damaged
		Lisa Jane Shoals
113/2011	Aus247-819-820	Scientific instrument
		Lizard Island
118/2008	Aus832	Scientific instruments
		Lucinda
217/2011	Aus267	Light buoy off station
528/2011	Aus259-267-828	Light buoys off station
566/2011	Aus259-267	Exclusion zone
		Mackay
1330/2010	Aus250	Depth information
		Macona Inlet
1194/2010	Aus252	Light beacon destroyed; light buoy established
		Magnetic Island
657/2011	Aus256	Scientific instruments

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Mooloolaba
650/2011	Aus235	Shoaling
		Moreton Bay
710/2008	Aus235-236	Light buoys established
712/2010	Aus236-AU428153	Deception Bay-Obstruction
1183/2010	Aus236	Pelican Banks-Wreck; light buoy established
161/2011	Aus236	Bramble Bay-Scientific instrument
204/2011	Aus236	Deception Bay-Scientific instruments
262/2011	Aus236	Mud Island-Wreck
313/2011	Aus236	Russell Island-Harbour works
370/2011	Aus236	Cabbage Tree Head-Light beacon destroyed
372/2011	Aus236	Scarborough-Shoaling
373/2011	Aus235-236	North Banks-Scientific instruments
466/2011	Aus235-236	Pumicestone Channel-Bellara-Wreck
517/2011	Aus236	Ship to ship transfer
607/2011	Aus236	Light buoys repositioned
648/2011	Aus236	Bramble Bay-Bridge construction
649/2011	Aus235-236	Pumicestone Channel-Bellara-Light beacon destroyed
		Mourilyan
135/2010	Aus258	Harbour works
270/2011	Aus258-829	Light beacon damaged
321/2011	Aus258	Depth information
568/2011	Aus258	Wreck
		Oyster Point
169/2011	Aus258	Exclusion zone
		Pioneer Bay
1244/2006	Aus268	Harbour works; light buoys.
		Pioneer Rocks
474/2011	Aus252-253-824-825	Light beacon unlit
		Point Danger to Point Lookout
605/2011	Aus230-813-814	Scientific instrument
		Port Alma
209/2011	Aus265	Depth information
		Port Douglas
621/2010	Aus270-AU5270P1	Depth information
		Prince of Wales Channel
1198/2010	Aus292-293	AIS trial
		Prince of Wales Island
531/2011	Aus292-293-299	Boat Channel-Buoy off station
		Proserpine River
445/2010	Aus252-824-AU421148	Light beacon destroyed; light beacon damaged
		Red Island Point
380/2011	Aus292-294-839	Light unlit
		Rocky Point
170/2009	Aus829-AU418146	Light beacon withdrawn
		Rollingstone Creek
319/2011	Aus827	Light buoy off station

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Rosslyn Bay
420/2011	Aus247	Harbour works
		Schooner Rock
1187/2010	Aus251-824	Light beacon destroyed; light buoy established
		Seaforth
380/2010	Aus251-AU421148	Light beacon destroyed
		Shoalwater Bay
471/2011	Aus248-367-820-822-AX0367E-0820E-0822E	Live firing
656/2011	Aus248-260-261-367-490-820-822-AX0260E-0367E-0820E-0822E-60260-67248-67261	Live firing
		Shute Harbour
763/2010	Aus252-253-AU421148-5253P1	Wreck
		South Barnard Islands
221/2011	Aus258-829	Light buoys off station
		Surprise Rock
1191/2010	Aus252-253-824	Light beacon destroyed; light buoy established
		Swains Reef
311/2008	Aus367-426	Scientific instruments
		Thread Shoal to Myrmidon Reef
116/2008	Aus828	Scientific instruments
		Thursday Island
570/2011	Aus292-293-299	Light buoy off station
		Townsville
1248/2008	Aus256-257-AU5XX257	Light buoy
1133/2009	Aus257-AU5XX257	Ross Creek-Light beacons withdrawn; light buoys established
718/2010	Aus256-257-AU5XX257	Ross River-Light buoy established
1080/2010	Aus256-257	Scientific instruments
426/2011	Aus256-257	Depth information
525/2011	Aus257	Harbour works
565/2011	Aus256-827	Obstructions
		Weipa
66/2010	Aus4	Obstruction
67/2011	Aus4	Depth information
		Whitehaven Bay
317/2011	Aus252-253-824-825	Light beacon destroyed
		Whitsunday Group
1189/2010	Aus252-254-824	Shaw Island-Platypus Rock-Light beacon destroyed; light buoy established
		Whitsunday Island
1192/2010	Aus252-253	Whitehaven Beach-Light beacon destroyed; light buoy established
1193/2010	Aus252-253-254	Reef Point-Light beacon destroyed; light buoy established
1394/2010	Aus254	The Narrows-Buoy off station
422/2011	Aus252-254-824	Spitfire Rock-Light beacon destroyed
		Yorkeys Knob
1263/2010	Aus830	Wreck
529/2011	Aus262-830	Dredging operations

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673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	Locality and Subject
		SOUTH AUSTRALIA
		Cape Jaffa
1344/2010	Aus347	Wreck westwards
		Glenelg
458/2009	Aus125-781	Restricted area; light buoys
		Gulf St Vincent
534/2011	Aus781	Obstruction relocated
		Kangaroo Island
880/2010	Aus125-126-345-346-444-780-AU436137	Light destroyed; lights established
		MacDonnell Sound
573/2010	Aus139-780	Wreck
		Port Adelaide
720/2008	Aus137	Shoaling
226/2011	Aus130-138-781	Light beacon destroyed
		Port Augusta
1032/2010	Aus778-AU433137	Light beacon damaged
179/2011	Aus778	Beacons established
		Port Stanvac
1212/2010	Aus125-781	Scientific instrument
		Rapid Head
227/2011	Aus780	Light buoy off station
		Thevenard
625/2011	Aus120-122	Beacon destroyed
		Wallaroo
176/2009	Aus777	Depth information
		Whyalla
1412/2010	Aus136	Light destroyed
		Wirrina Cove
268/2008	Aus125	Shoaling
		TASMANIA
		D'Entrecasteaux Channel
495/2011	Aus173-795	Scientific instrument
		Frederick Henry Bay
529/2010	Aus171-796-AU443147	Whale Rock-Light beacon destroyed
		Georges Bay
91/2010	Aus169	Wreck
		North West Bay
72/2011	Aus171-173-174-796	Beacon destroyed
		River Derwent
331/2011	Aus172	Raft removed
582/2011	Aus172	Wreck

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673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		River Tamar
1085/2009	Aus167-799-AU442146-5167X8	Port Dalrymple-Reclamation works
883/2010	Aus167-168-AU5167X8	Long Reach-Light beacon destroyed
		Round Hill Point
1416/2010	Aus163-799	Pipeline
		Stony Head
442/2011	Aus799	Scientific instrument northwards
		TIMOR SEA
		Osborn Passage
120/2011	Aus314-319-4721-4722-AX0314F-0319F	Platform; mooring buoys
		Sahul Banks
476/2006	Aus312	Scientific instruments
223/2009	Aus312-4721-AX0312F-4721F-AU311126	Navaid; racon non operational
618/2011	Aus314	Oilfield infrastructure removal
663/2011	Aus314-AX0314F	Drilling operations
		TORRES STRAIT
		Stephens Islet
389/2010	Aus376-377-840-AX60377-AU410143	Wreck northwards
		Yorke Islands
1333/2010	Aus376-377-840-AX60377	Wreck
		VICTORIA
		Anderson Inlet
1300/2009	Aus801-AU439145	Shoaling
		Barry Beach
1301/2009	Aus181-182-AU439146	Shoaling
		Barwon Heads
669/2011	Aus143-349-788	Light unlit
		Cape Duquesne to Port Campbell
128/2011	Aus348-349-787	Scientific instruments
		Corner Inlet
1354/2010	Aus181-802	Shoaling
		Kilcunda
1153/2010	Aus150-801	Exclusion zone
		Ninety Mile Beach
1291/2010	Aus357-AU439146	Obstructions
		Port Albert
800/2009	Aus181-182-AU439146	Shoaling

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Port Phillip
796/2007	Aus143-158	Obstruction
942/2010	Aus153-157	Geelong-Depth information
943/2010	Aus155	Werribee River-Harbour works
1035/2010	Aus143-158	South Channel-Obstruction
1100/2010	Aus154-155	Port Melbourne-Princes Pier-Harbour works
1420/2010	Aus154	River Yarra-Harbour works
77/2011	Aus154	Appleton Dock-Harbour works
183/2011	Aus154	River Yarra-Light beacon removed
232/2011	Aus154	South Wharf-Harbour works
335/2011	Aus153-157	Corio Bay-Harbour works
393/2011	Aus143-144-158	Entrance Deep-Underwater survey work
446/2011	Aus154	Port Melbourne-River Yarra-Depth information
535/2011	Aus143	Patterson River-Harbour works
584/2011	Aus155	Light buoys withdrawn
670/2011	Aus143-158	Shoaling
672/2011	Aus143	Patterson River-Shoaling
		Port Welshpool
1302/2009	Aus181-AU439146	Middle Ground Channel-Beacon destroyed
		Split Point
334/2011	Aus349-487-788-4644-4728	Light unreliable
		Western Port
514/2008	Aus150-151	Shoaling northwards
1346/2009	Aus150-801-AU439145	Wonthaggi-Scientific instrument
1217/2010	Aus150-801-AU439145	West Head-Light buoy off station
537/2011	Aus150-151-152	French Island-Scientific instruments
		WESTERN AUSTRALIA
		Albany
729/2006	Aus109	Light beacon; light buoy
581/2011	Aus109	Harbour works
		Barrow Island
75/2010	Aus62-742-AU421115	Harbour works; exclusion zone
76/2010	Aus62-742-743-AU421115	Scientific instruments
139/2010	Aus62-742-743-AU421115	Scientific instruments
867/2010	Aus742	Scientific instrument
1088/2010	Aus62-742	Anchorage northeastwards
124/2011	Aus62-742-743	Scientific instrument
434/2011	Aus62-742-743	Scientific instrument
435/2011	Aus62-327-328-742	Light beacons established
622/2011	Aus327-328	Scientific instruments northwards
		Barrow Island to Solitary Island
578/2011	Aus327-742-743	Survey operations
		Bedout Islet
1335/2010	Aus325-326-739	Seismic survey northwards
		Bessieres Island
1093/2010	Aus328-744-4708-4723-4725-AX4708F	FPSO off station northwestwards
		Binningup
85/2010	Aus115-334-335-755-AX0334E-0755E-AU434115	Offshore works; exclusion zone

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Broome
1079/2009	Aus50-51-324-AU418122	Electronic navigation aid trial
977/2010	Aus51	Scientific instruments
		Browse Island
1401/2010	Aus319-320-322-729-4721-4722-AX0319F-0322F-4721F-4722F	Seismic survey
382/2011	Aus319-320-AX0319F	Scientific instrument
		Bunbury
493/2011	Aus115	Light beacon destroyed
		Cape Lambert
1402/2010	Aus55-56-740-741	Dredging operations
		Comet Bay
278/2011	Aus755-AX0755E-66002	Scientific instrument
		Dampier
1034/2007	Aus57-58-59	Depth infromation
911/2009	Aus57-58-741	Obstruction
936/2010	Aus59-AU5XXX58	Shoaling
		Dampier Archipelago
629/2010	Aus327	Scientific instruments northwestwards
1270/2010	Aus327-741	Scientific instruments northwards
123/2011	Aus327-741	Oil field northwestwards
387/2011	Aus327	Scientific instrument northwestwards
433/2011	Aus327-4723	Seismic survey northwestwards
		Emu Point
764/2008	Aus110-118-759	Light
		Esperance
337/2010	Aus119-AU5119P1	Depth information
338/2010	Aus119-AU434121-5119P1	Light beacons destroyed
440/2011	Aus119	Dredging operations
		Exmouth Plateau
436/2011	Aus329	Scientific instruments
		Fremantle
773/2010	Aus117-AX70117-AU433115	Light beacon damaged
71/2011	Aus117-AX70117	Owen Anchorage-Harbour works
438/2011	Aus113	Depth information
492/2011	Aus112-113-AX63112	Light unlit
		Garden Island
1096/2010	Aus117-754-755-AX0754E-0755E-66002-70117	Scientific instrument
439/2011	Aus117-334-754-755-AX0334E-0754E-0755E-66002-70117	Obstruction; light buoys
		Geographe Bay
518/2009	Aus334-335-755-756-AX0334E-0755E-AU434115	Scientific instrument
		Geraldton
946/2008	Aus81	Depth information
451/2009	Aus81-751	Light buoy off station
624/2011	Aus332-751	Scientific instruments

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	*Locality and Subject*
		Glomar Shoal
488/2011	Aus327-741-4603-4708-4722-4723-AX4603F-4708F-4722F-4723F	Oil field to be decommissioned
574/2011	Aus327-741	Scientific instrument westwards
621/2011	Aus327-741	FPSO offstation westwards
		Irvine Island
1142/2010	Aus40-732-733	Scientific instruments
		James Price Point
1204/2010	Aus324	Scientific instruments
		King George Sound
580/2011	Aus109-110-118	Survey operations
		Montebello Islands
1405/2010	Aus327	Mooring buoy off station northeastwards
388/2011	Aus327-328	Scientific instruments northwards
		Montebello Islands to Barrow Island
390/2011	Aus61-62-63-327-328-742-743	Lit mooring buoys
		Mullaloo to Warnbro Sound
524/2010	Aus112-116-117-334-754-755-AX0334E-0754E-0755E-63112-66002-70117-AU432115-433115	Scientific instruments
		North West Cape
1408/2010	Aus329	Scientific instrument northwards
176/2011	Aus328-329-744	Scientific instruments northwards
623/2011	Aus328-329	FPSO off station
		Onslow
437/2011	Aus64	Scientific instrument
579/2011	Aus743	Scientific instruments
		Perth
792/2009	Aus334-754-AX0334E-0754E-0755E-66002-AU332114-432115-433115	Scientific instruments westwards
		Port Hedland
722/2010	Aus52-54-AU5XXX52	Depth information
384/2011	Aus52-53-54-739-740	Scientific instruments
620/2011	Aus52-53-54	Dredging opeations
		Port Walcott
432/2011	Aus55-327-740-741	Scientific instruments
		Tanner Island
664/2011	Aus40-323-732-733	Light unlit
		Thevenard Island
1277/2010	Aus64-328-743	Scientific instruments
		Wyndham
484/2011	Aus32	Light buoy off station
571/2011	Aus32	Harbour works
		Yampi Sound
1052/2008	Aus40-732-733	Comber Rock-Buoy off station

673(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

Notice	Charts affected	**Locality and Subject**
		EAST TIMOR
		Dili
727/2006	Aus901	Light unlit
		Sahul Banks
119/2011	Aus312-4721-AX0312F-4721F	Oil field
		INDIAN OCEAN
		Sumatera
121/2011	Aus4070-4071	Scientific instruments westwards
		PACIFIC OCEAN
133/2011	Aus399-4622	Scientific instruments
		South Fiji
283/2011	Aus4602	Light buoy withdrawn
		PAPUA NEW GUINEA
		Badila Dabobona Reef
429/2011	Aus508-628	Light beacon altered southeastwards
		Bougainville Island
660/2011	Aus399-683-4622	Lights unlit
		Caution Bay
66/2011	Aus379	Harbour works
		Kimbe Island
406/2008	Aus547-4622	Light unlit
		Madang
967/2005	Aus646	Horizontal datum anomaly
		Port Moresby
404/2008	Aus379-505-4620	Fish aggregation device southwards
		Port Moresby to Kerema Bay
322/2011	Aus377-379-505-621-AX60377	Seismic survey

HYDROGRAPHIC REPORTS

Locality	*Report*	*Ship/Authority*	*Observer*
WA- Tanner Island	Light	MV *Svitzer Doolja*	

NAVIGATION WARNINGS

The following radio messages have been received during the period to 1 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

177 Cancelled.
178 Cancelled.
179 8 lit yellow buoys in a 1000m radius from position 19º 54'·92 S 115º 15'·07 E. 1·5M clearance requested.
180 Cancelled.
181 Drill rig *Maersk Discoverer* in position 21º 30'·51 S 113º 50'·33 E. 2·5M clearance requested.
182 Cancelled.
183 Bow Reef light K3233 in position 13º 18'·42 S 143º 40'·29 E unreliable.
184 Cancelled.
185 Drill rig *Stena Clyde* in position 19º 18'·6 S 116º 33'·7 E. 2·5M clearance requested.
186 Drill rig *Ocean Patriot* in position 11º 57'·33 S 124º 36'·30 E. 2·5M clearance requested.
187 Changes to the REEFVTS effective 301400UTC June 2011. The mandatory ship reporting system in the Great Barrier Reef and Torres Strait (REEFREP) is extended to the southern boundary of the Great Barrier Reef marine park, latitude 24° 30'·0 S. All reef VHF working channels are changed to simplex channels, alternating between channel 11 and channel 14 throughout the REEFVTS area, based on latitude. Channels for designated areas are listed below:

From	To	VHF Channel
9° 00'·0 S	13° 30'·0 S	14
13° 30'·0 S	18° 00'·0 S	11
18° 00'·0 S	20° 00'·0 S	14
20° 00'·0 S	22° 00'·0 S	11
22° 00'·0 S	24° 30'·0 S	14

Additional details can be found at AMSA marine notice 7/2011.

NAVAREA X WARNINGS

007 Cancelled.
008 Cancelled.
009 Cancelled.
010 Cancelled.
011 Spencer Gulf DW1 buoy in position 34º 04'·00 S 136º 59'·38 E off station.

Navigational warnings in force as at 010001UTC JUL 11.

Auscoast
2011 015 029 094 118 129 140 149 152 153 154 155 156 157 158 166 169 171 176 179 181 183 185 186 187

Navarea X
2011 001 006 011

Summary of mobile drilling rigs as at 010001UTC JUL 11.

Name	*Position*
Ocean America	13º 12'·58 S 122º 37'·20 E
Stena Clyde	19º 18'·60 S 116º 33'·70 E
Ocean Patriot	11º 57'·33 S 124º 36'·30 E
Ensco 109	20º 04'·42 S 115º 17'·83 E
Maersk Discoverer	21º 30'·51 S 113º 50'·33 E
Atwood Eagle	20º 14'·16 S 115º 01'·73 E
Atwood Osprey	20º 08'·12 S 114º 06'·98 E
Nan Hai 6	21º 26'·00 S 114º 02'·00 E
Transocean Legend	20º 28'·79 S 113º 54'·35 E

NAVAREA XIV WARNINGS

055 Cancelled
056 Cancelled
057 Cancelled
058 Cancelled
059 Cancelled
060 Cancelled
061 Cancelled
062 Cancelled
063 Cancelled
064 Cancelled
065 Cancelled
066 Viti Levu – East Coast. Venua Levu – North Coast. Viti Levu – South Coast, Kadavu Island.
The following lights are unlit:

Kia Island K4746.5	16º 13'·41 S 179º 05'·77 E
Cakau Momo K4733	17º 38'·69 S 179º 15'·55 E
North Astrolabe Reef K4666	18º 38'·30 S 178º 32'·20 E

Navarea XIV warnings in force as at 010001UTC JUL 11.

2010 047
2011 066

18. All such vessels are required to navigate within the limits of the DSA and the General Use Zones of the Great Barrier Reef Marine Park, except in the case of an emergency for any of the following purposes:

(a) to investigate and respond to an emergency alert;
(b) to save human life or avoid the risk of injury to a person;
(c) to locate or secure the safety of an aircraft, vessel or structure that is, or may be, endangered by stress of weather or by navigational or operational hazards;
(d) to carry out emergency repairs to a navigational aid;
(e) to deal with a threat of pollution to the marine environment under a Commonwealth law or a national emergency response arrangement in which the Great Barrier Reef Marine Park Authority participates;
(f) under Commonwealth law, to remove or salvage a vessel or an aircraft, or a section of a vessel or aircraft, or other wreck, that is wrecked, stranded, sunk or abandoned and poses a threat to the marine environment or safety.

19. Vessels wishing to deviate from the DSA or General Use Zones, cruise ships for example, must seek permission from the Great Barrier Reef Marine Park Authority.

20. All vessel owners, vessel operators, owners and masters are advised to obtain a copy of the *Great Barrier Reef Marine Park Zoning Plan 2003* from the Great Barrier Reef Marine Park Authority at:

PO Box 1379,
TOWNSVILLE
QLD 4810,
or by telephone: 61 7 4750 0700
or via their website www.gbrmpa.gov.au.

Capricorn and Bunker Groups Area to be Avoided

21. The International Maritime Organisation (IMO) has promulgated the area of the Capricorn and Bunker groups of islands and reefs as an Area to be Avoided. This area is also protected by the *Great Barrier Reef Marine Park Zoning Plan 2003*, however all ships in excess of 500 tons gross tonnage should avoid the area bounded by a line connecting the following geographic positions:

(a)	23° 10' S 151° 56' E	(b)	23° 53' S 152° 28' E	(c)	23° 55' S 152° 28' E
(d)	23° 57' S 152° 26' E	(e)	23° 57' S 152° 24' E	(f)	23° 32' S 152° 55' E
(g)	23° 36' S 151° 39' E	(h)	23° 33' S 151° 35' E	(i)	23° 30' S 151° 35' E
(j)	23° 25' S 151° 53' E	(k)	23° 20' S 151° 50' E	(l)	23° 20' S 151° 40' E
(m)	23° 15' S 151° 40' E	(n)	23° 10' S 151° 52' E		

Fishing Vessels

22. Concentrations of fishing and trawling vessels will frequently be encountered in the Inner Route and Great North East Channel. Close quarters situations are often unavoidable due to the confined nature of these waterways. Investigations into previous incidents between commercial vessels and vessels fishing almost invariably show that either one or both vessels were not keeping a proper lookout. Masters are reminded of their responsibilities under Rule 5 of the collision regulations.

Australian Maritime Safety Authority, Canberra. *(AA300412, AA300413)*

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22. MANDATORY SHIP REPORTING SYSTEM Covering the Torres Strait region and the Inner Route of the Great Barrier Reef

Mandatory Ship Reporting System – (REEFREP)

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. Mariners are referred to *Marine Orders Part 56* for details of their obligations under REEFREP. This is available on the AMSA website at www.amsa.gov.au.

4. In December 2010, the International Maritime Organization approved a submission by Australia to extend the area covered by the Great Barrier Reef and Torres Strait Ship Reporting System (REEFREP) to the southern boundary of the Great Barrier Reef Marine Park. Marine Order Part 56 (REEFREP) has been amended to give effect to the new REEFREP area from the 1 July 2011.

Purpose

5. The Queensland and Australian Governments established the coastal Vessel Traffic Service REEFVTS in 2004. Its purpose is to:

(a) enhance navigational safety in the Torres Strait and the Great Barrier Reef region by interacting with shipping to provide improved information on potential traffic conflicts and other navigational safety information;
(b) minimise the risk of a maritime accident and consequential ship sourced pollution and damage to the marine environment in the Torres Strait and Great Barrier Reef region, and
(c) provide an ability to respond more quickly in the event of any safety or pollution incident.

6. REEFVTS is comprised of four key components:

(a) a mandatory Ship Reporting System (REEFREP), providing the reporting requirements for ships to identify themselves and their intended passage through the region.
(b) monitoring capabilities. REEFVTS utilises three sensor technologies to identify and monitor the transit of individual ships. The sensor inputs are Radar, Automatic Identification System (AIS) and Automated Position Reporting (APR) via Inmarsat C.
(c) decision support tools. Systems are used to monitor the transits of individual ships and assist REEFVTS to determine where interaction may be necessary to assist on-board decision-making. This may include situations where a ship may be in danger of running aground, deviating from a recommended route or does not alter course at a critical waypoint.
(d) communication capabilities, primarily through the use of Inmarsat-C and VHF radio.

Categories of ships

7. Ships of the following general categories are required to participate in the reporting system:

(a) all ships of 50 metres or greater in overall length;
(b) all oil tankers;
(c) all liquefied gas carriers;
(d) all chemical tankers;
(e) all ships to which the INF Code applies;
(f) ships engaged in towing or pushing where the towing or pushing vessel or the towed or pushed vessel is a vessel prescribed within the categories in *sub-paras 7(a), 7(b), 7(c), 7(d)* or *7(e)* or where the length of the tow, measured from the stern of the towing vessel to the after end of the tow, exceeds 150 metres.

8. For the purposes of the requirement at *sub-para 7(b)* "oil tanker" means:

(a) a ship constructed or adapted primarily to carry oil in bulk as cargo; or
(b) a combination carrier when it is carrying oil in bulk as cargo; or
(c) a chemical tanker when it is carrying oil in bulk as cargo; or
(d) any other ship fitted with cargo spaces which are constructed and used to carry oil in bulk of an aggregate capacity of 200 cubic metres or more.

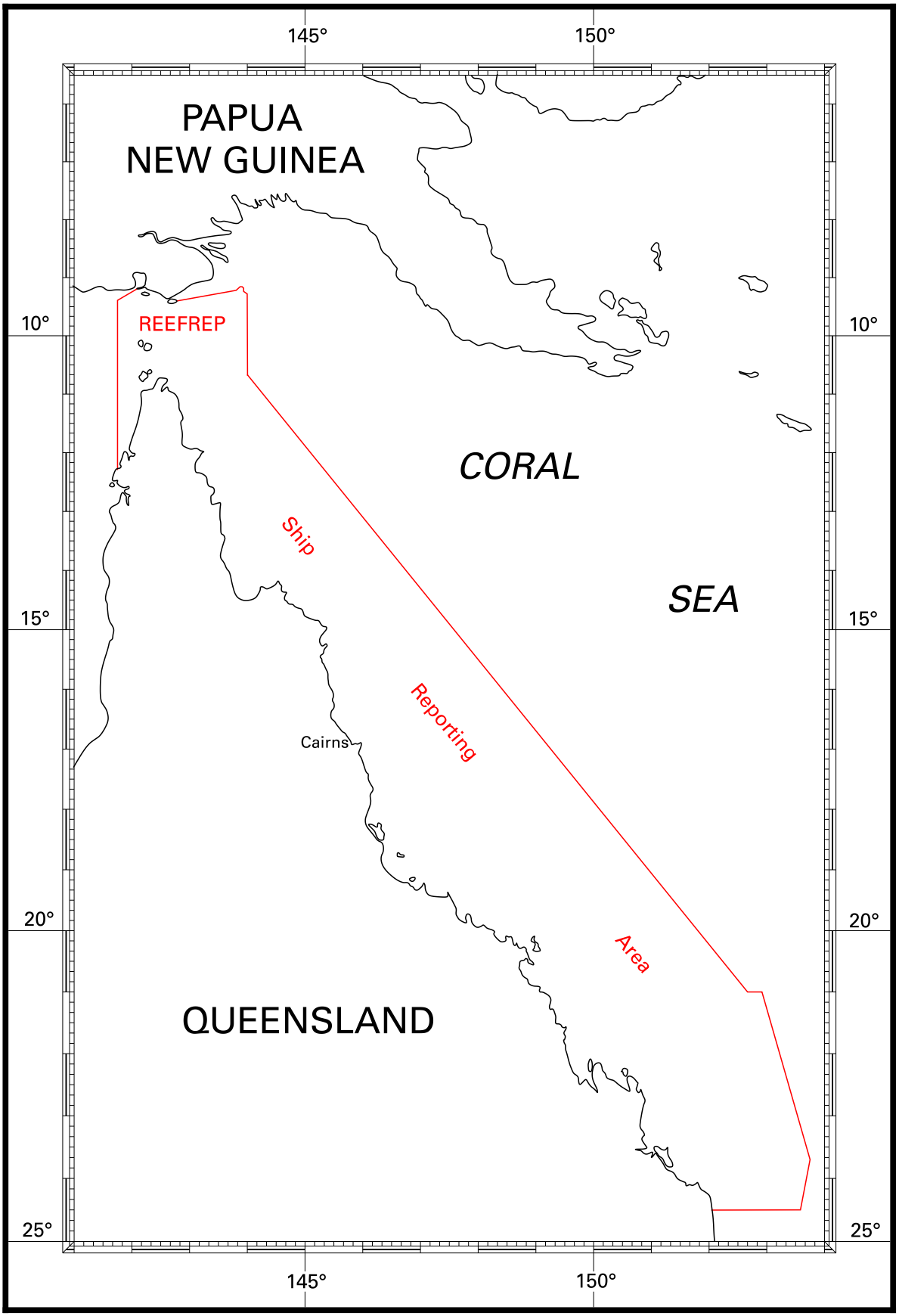
Geographical Coverage

9. The REEFVTS area is defined by:

(a) the Torres Strait between longitude 141° 45' E and 144° 00' E, including the Endeavour Strait and the Great North East Channel; and
(b) the waters of the Great Barrier Reef between:
  (i) the Australian coast; and
  (ii) the outer edge of the Great Barrier Reef, as bounded by a line:
    (A) starting from the outer edge of the Reef at 10°40′.00 S 144°00′ E, and
    (B) then running south east to 21° 00′ S 152° 40′ E, and
    (C) then running east to 21° 00′ S 152° 55′ E, and
    (D) then running south south east to 23°42′.00 S 153°45′.00 E, and
    (E) then running south south west to 24°30′.00 S 153°35′.00 E, and
    (F) then running west to the intersection of latitude 24° 30′.00 S with the Australian coast at the low water line.

10. The area serviced by REEFVTS is the same area as defined for REEFREP (see chartlet *page 98*).

11. The Australian Hydrographic Office has produced a charts of the area, Aus 4620 (INT 620), Aus 4621 and Aus 4635 which provide details of REEFREP including coverage, categories of ships required to report and the reporting point positions with their associated VHF channel allocations. These charts are available through normal outlets.


145°
150°
PAPUA
NEW GUINEA
10°
REEFREP
CORAL
SEA
Ship
Reporting
Area
15°
Cairns
20°
QUEENSLAND
25°
145°
150°

System Overview

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

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

(a) Ship Traffic Information (STI) - Ship encounters are predicted and this information is sent to individual ships as STI, usually through Inmarsat C messaging.
(c) Maritime Safety Information (MSI) - Information that is relevant to the ships location and intended movement is provided.
(b) 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.

14. 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.

Ship Reporting Requirements

15. For further information regarding REEFVTS, reporting procedures including message format, communications arrangements and reporting points are detailed in the publication *REEFVTS User Guide*. Copies are available:

(a) online at www.amsa.gov.au or www.msq.qld.gov.au,
(b) hardcopies from any office of the Australian Maritime Safety Authority (AMSA), or
(c) may be requested by email - reefvts@amsa.gov.au.

Reports and Procedures

16. Mariners are reminded that a master of a ship to which Marine Orders 56 applies must make the following reports to REEFVTS:

(a) Pre-Entry Position Report (PER)
(b) Entry Report (ER)
(c) Passage Plan Report (RP)
(d) Route Deviation Report (DR)
(e) Intermediate Position Reports (IP), if applicable
(f) Defect Reports (IR)
(g) Final Report (FR)

Pre-Entry Position report (PER)

17. A Pre-Entry position report must be made in respect of a ship at least two hours prior to:

(a) entering the REEFVTS area; or
(b) departing from a port within REEFVTS area

18. The purpose of a pre-entry report is to advise REEFVTS of the ship intentions (eg. 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.

Entry Report (ER)

19. An Entry Report must be made in respect of a ship as soon as it:

(a) enters the REEFVTS area; or
(b) departs from a port within REEFVTS area.

20. This report provides a ship's details, intentions and passage through REEFVTS area. Ships are encouraged to provide their passage plan when providing an Entry Report otherwise this is to be provided as a separate passage plan as described in *sub-para 22*.

Passage Plan Report

21. Route information must be provided by one or more of the following methods:

(a) standard route plan, or
(b) mandatory reporting points, or
(c) waypoints.

22. More information on standard routes are described in the *REEFVTS User Guide*.

Route Deviation Report

23. 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.

24. The deviation is to be reported using one of Passage Plan Reports as described in *sub-para 22*.

Intermediate Position Reports (PR)

25. 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.

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

Defect Report (DR)

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

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

Final Report (FR)

29. A Final Report must be made in respect of a ship:
(a) exiting REEFVTS area; and
(b) arriving at a port within the REEFVTS area.

Communication with REEFVTS

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

31. The means of communication with REEFVTS are:
(a) Inmarsat C – messages sent to REEFVTS using the special access code (SAC) 861 via POR LES 212.
(b) VHF Radio – REEFVTS can be contacted using callsign "REEFVTS" 24 hours a day on either VHF Channel 11 or 14.
(c) Alternate communications – telephone, fax, email.

32. 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.

Inmarsat C

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

VHF Radio

34. A VHF radio network is available along the Queensland coast and Torres Strait for communication with REEFVTS. REEFVTS keeps a listening watch at all times on the VHF working Channels 11 and 14.

35. The VHF channels alternate through the REEFVTS area based on latitude:

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

Other Communications

36. 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:
(a) Telephone: 1300 721 293 or +61 7 4726 3428
(b) Facsimile: +61 7 4721 0633
(c) Email: reefvts@vtm.qld.gov.au

AUSREP Reporting

37. Ships participating in AUSREP ship reporting system do not have to report to RCC Australia while they are transiting the REEFVTS Area. 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.

38. 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.

39. 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. Further information about reporting to AUSREP is provided in the AUSREP User Manual.

Offences

40. Any Master, or Officer of the Watch at the time, who fails to report in accordance with the REEFREP requirements, as specified in *Australian Marine Orders Part 56*, or who deliberately transmits information which is incorrect, false or misleading, will have committed an offence and may be fined if convicted.

Australian Maritime Safety Authority, Canberra. *(AA300412, AA300413)*

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23. GREAT BARRIER REEF AND TORRES STRAIT PILOTAGE SERVICES
Draught Limitation and Service Advice.

1. Pilots undertaking pilotage duties in the Queensland Coast and Torres Strait areas are licensed by the Australian Maritime Safety Authority as required by the *Great Barrier Reef Marine Park Act 1975* for the declared compulsory pilotage areas.

2. Licensed pilots will pilot vessels through Gannet Passage, Varzin Passage, Prince of Wales Channel, and Torres Strait with a maximum draught up to 12.2 metres.

3. The minimum underkeel clearances are:
(a) Gannet and Varzin Passages - 1.0 metre,
(b) Prince of Wales Channel - 1.0 metre for vessels with a draught less than 11.90 metres or 10% of draught for draughts of 11.90 metres or more.

4. The draught limitation of 12.2 metres applies only to vessels transiting the Great Barrier Reef Inner Route from Torres Strait (Booby Island) to Cape Flattery or through the Great North East Channel to Dalrymple Island.

5. Vessels entering or leaving the Inner Route by way of Grafton, Palm and Hydrographers Passages are restricted only by any draught limitation at the Australian port of arrival or departure.

Pilotage Services and Arrangements

6. Pilotage services in the Torres Strait (including the Great North East Channel) and the Great Barrier Reef are provided by three commercial companies, these are:
(a) Australian Reef Pilots Pty Ltd "**Reef Pilots**".
(b) Torres Pilots Pty Ltd "**Torres Pilots**".
(c) Hydro Pilots Australia Pty Ltd "**Hydro Pilots Helicopter**" (Hydrographers Passage only).

7. Masters are to ensure that pilot ladders and pilotage boarding arrangements comply strictly with current SOLAS regulations, *Australian Marine Orders Part 23* and the requirements of the International Maritime Pilots Association. A line will be required to lift aboard the pilot's luggage and equipment (usually two items).

8. Boarding by helicopter is used as an alternative to launch services at some pilot boarding places (PBP) and is the only method used for Hydrographers Passage. Boarding by helo, when used, is by land-on only. Masters should consult *Marine Orders Part 57* and the *Australian Code of Safe Practice for Ship Helicopter Transfers* or the *International Chamber of Shipping's Guide to Helicopter/Ship Operations* and confirm that the vessel is suitable for a land-on operation when ordering a Pilot at a boarding place where this method is an option.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 243.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 247.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 249.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 251.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 252.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 253.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 255.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 256.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 258.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 259.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 262.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 270.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 281.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 292.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 293.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 294.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 296.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 299.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 301.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 367.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 376.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 377.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 700.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 816.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 817.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 818.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 819.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 820.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 821.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 822.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 823.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 824.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 825.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 826.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 827.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 828.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 829.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 830.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 831.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 832.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 833.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 834.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 835.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 839.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 840.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart Aus 4720.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 0249E.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 0367E.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 0820E.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 0822E.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 0367E.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 60377.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 0820E.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 63262.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 0822E.

To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 0823E.

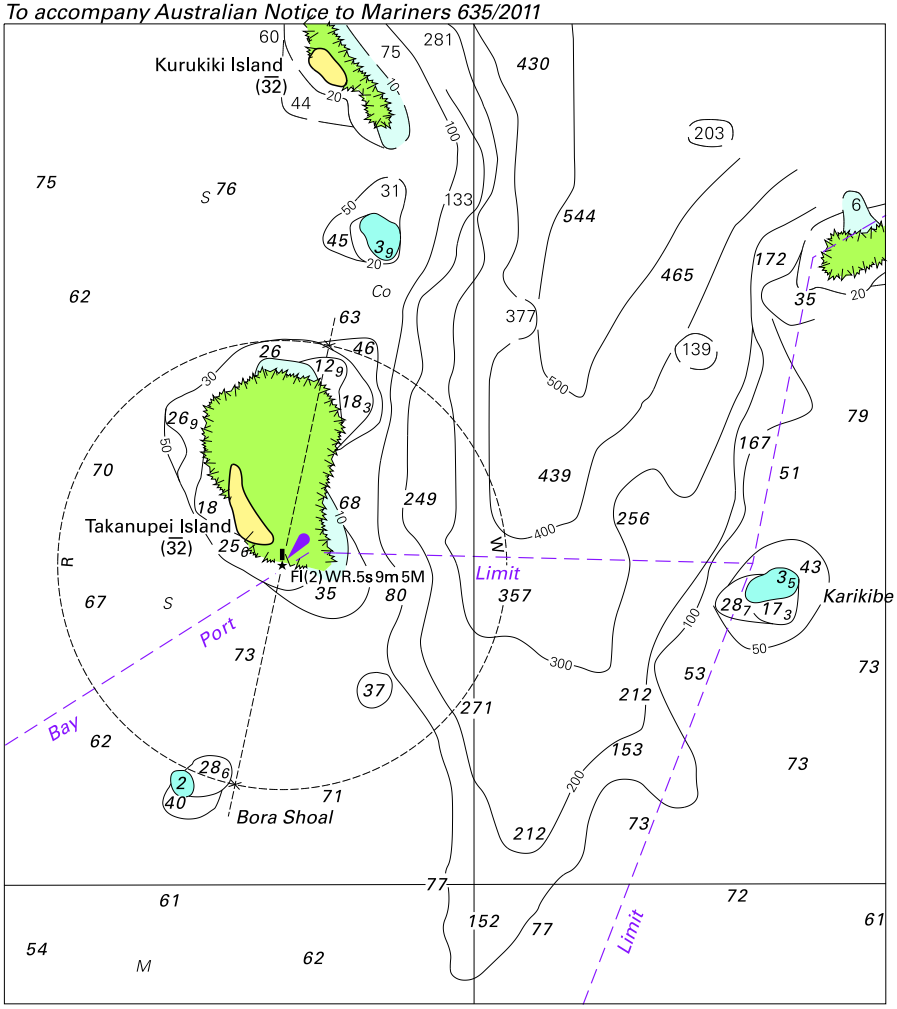
To accompany Australian Notice to Mariners 632/2011

REEFREP MANDATORY SHIP REPORTING SYSTEM (SRS)

The Ship Reporting System area encloses Torres Strait and the Inner Route of the Great Barrier Reef. For details and categories of ships required to participate see Australian Seafarers Handbook AHP 20, Australia Pilot Vol III NP 15 and Admiralty List of Radio Signals Vol 6 (4). When reporting within REEFREP area vessels are to call "REEFVTS" on VHF channels 11 or 14 depending on the ship's position.

Note for chart AX 4720F.

To accompany Australian Notice to Mariners 635/2011

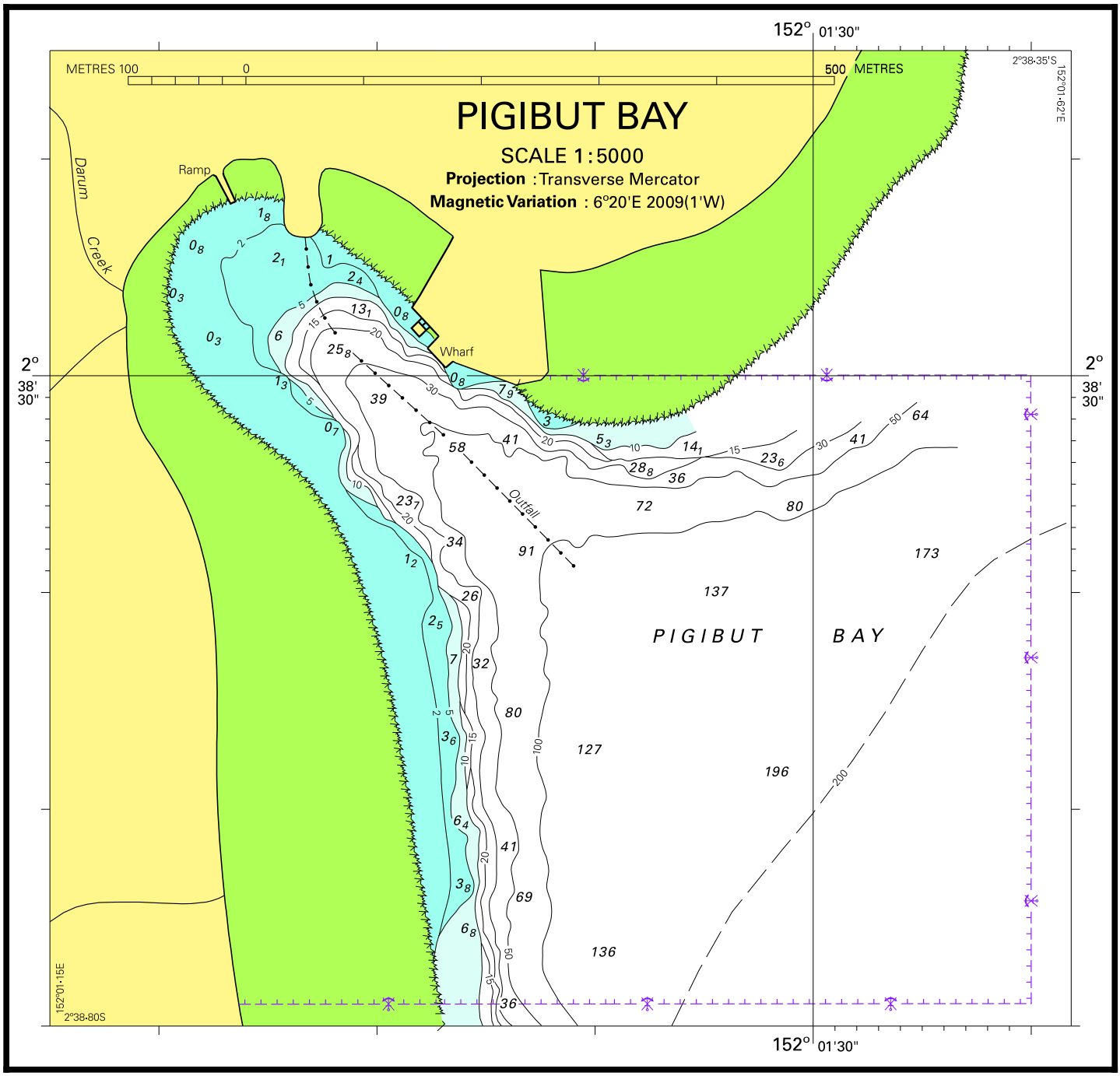


Block for chart Aus 683

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(111·8 x 116·6mm)

To accompany Australian Notice to Mariners 636/2011

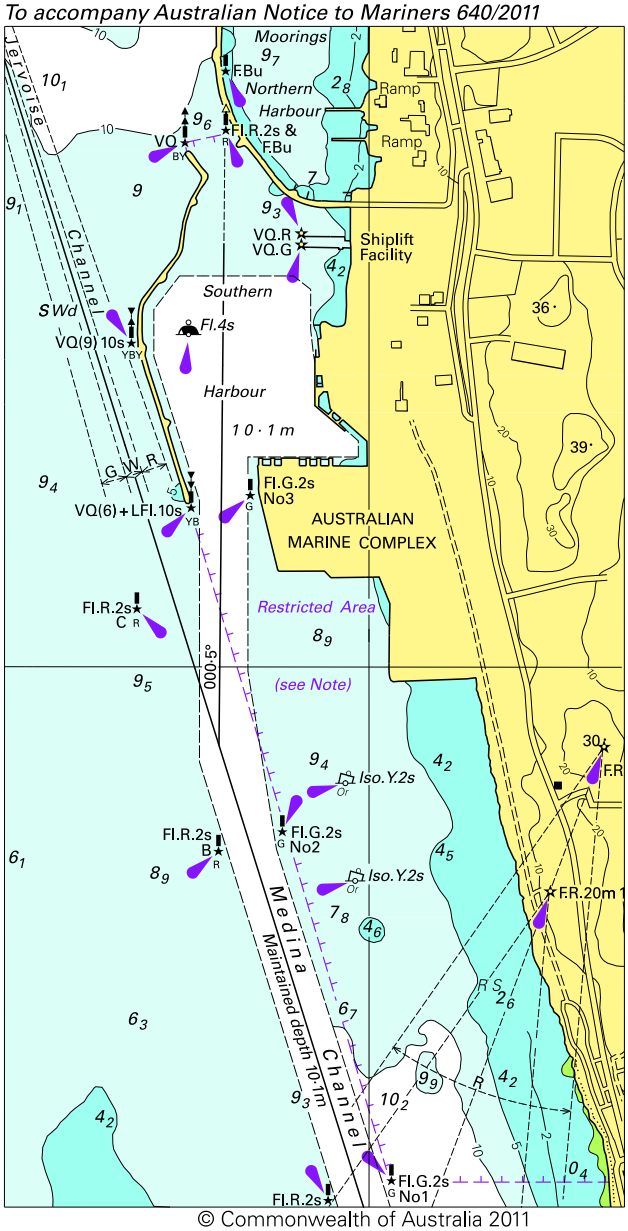


Block for Aus 669

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(173·5 x 165·8mm)

To accompany Australian Notice to Mariners 640/2011

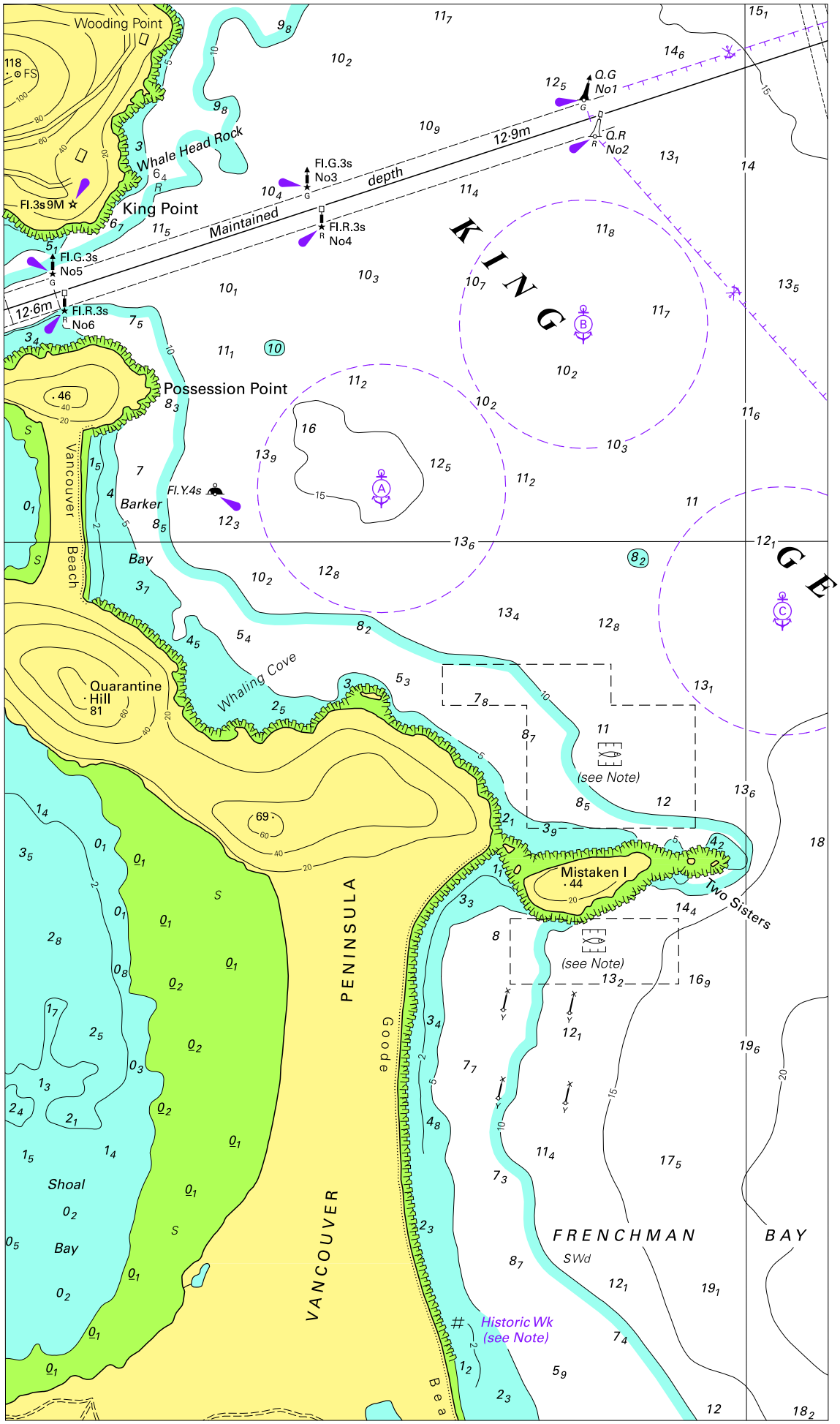


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Block for chart Aus 117

(82 x 156·2mm)

To accompany Australian Notice to Mariners 641/2011

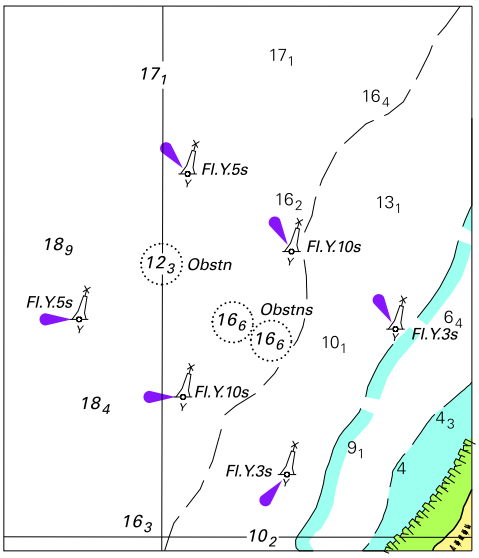


Block for chart Aus 110

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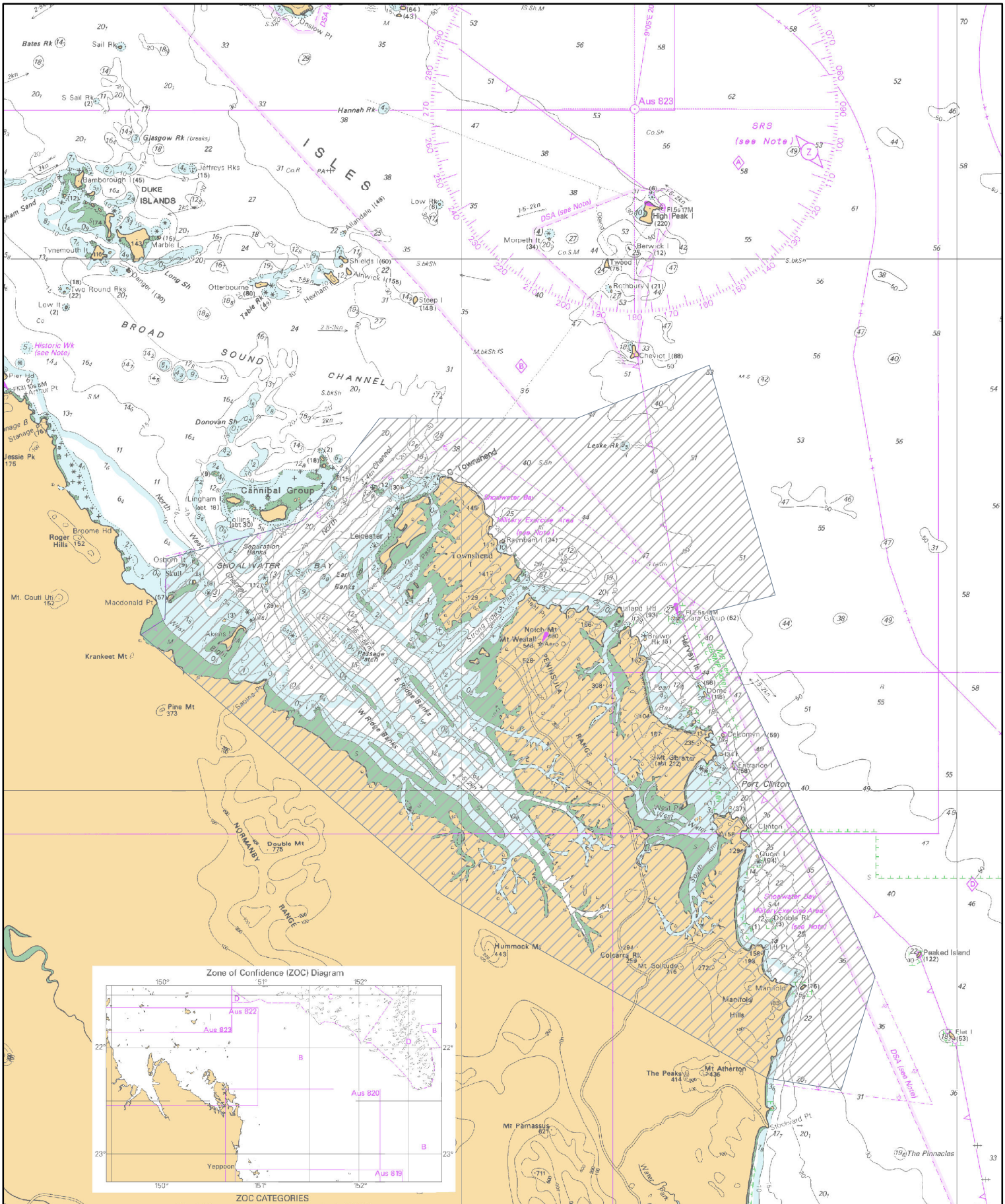
(148·5 x 255·4mm)

To accompany Australian Notice to Mariners 642/2011



Block for Aus 125 (62·9 x 57·2mm)

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ZOC CATEGORIES
(For details see Australian Seafarers Handbook, AHP 20)

ZOC	POSITION ACCURACY	DEPTH ACCURACY	SEAFLOOR COVERAGE
A1	±5m	=0·50m + 1%d	Signif cant seafloor features detected
A2	±20m	=1·00m + 2%d	Signif cant seafloor features detected
B	±50m	=1·00m + 2%d	Uncharted features hazardous to surface navigation are not expected but may exist
C	±500m	=2·00m + 5%d	Depth anomalies may be expected
D	Worse than ZOC C	Worse than ZOC C	Large depth anomalies may be expected
U	Unassessed - The quality of the bathymetric data has yet to be assessed		

DESIGNATED SHIPPING AREAS (DSA)
All commercial vessels of LOA 50 metres or more; all specialised product carriers; and such vessels engaged in towing or pushing another vessel where the total length of the tow exceeds 150 metres; must navigate within the limits of the Designated Shipping Area and the General Use Zones of the Great Barrier Reef Marine Park. Penalties apply when operating outside these areas

Marine Danger Area

NTM 656/2011

Australian Government
Department of Defence

AUS 367

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