



15 November 2013

Edition 23

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

AUSTRALIAN NOTICES TO MARINERS

Notices 1127 - 1189



Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN
Hydrographer of Australia

SECTIONS.

- I. Australian Notices to Mariners, including blocks and notes.
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SUPPLEMENTS.

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

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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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1127 AUSTRALIA - Product
Australian Hydrographic Service (AA707066)

New Chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 181	Australia - South Coast - Victoria - Approaches to Corner Inlet and Port Albert	1:50 000	29 November 2013
	Insets:		
	McLoughlins Entrance	1:50 000	
	Shoal Inlet Entrance	1:50 000	

New Edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 54	Australia – North West Coast – Western Australia – Port Hedland	1:7 500	29 November 2013
Aus 182	Australia – South Coast – Plans in Victoria - South East Coast		29 November 2013
	Plans:		
	Lewis Channel	1:25 000	
	Approaches to Port Albert	1:15 000	
	Approaches to Barry Beach	1:12 500	
	Lakes Entrance	1:10 000	
	Port Albert	1:7 500	
	Port Welshpool	1:7 500	

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.

1128 AUSTRALIA - Product - Amendment to Australian Notice to Mariners No 2
Australian Hydrographic Service (AA705188)

Page 14

Amend Korea Ocean Development Co Ltd details to read:

Korea Ocean Development Co Ltd	Telephone	(82 2) 701 9981	C
7F-10F, KODCO Building	Fax	(82 2) 701 9861	
502 Jungang-daero, Dong-gu	Email	sales@chartkorea.com	
Busan 601-804	Website	www.chartkorea.com	

1129 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2013 and 2014
Australian Hydrographic Service (AA705264)

Page 338

Amend Boli Point (Port No 55876) To Chart Datum to 0.0

Page 406

Amend Large Island (Port No 62480) To Chart Datum to 0.0

1130 AUSTRALIA - Product - Amendment to Seafarers Handbook for Australian Waters AHP20
Great Barrier Reef Marine Park Authority (AA704519)

Chapter 6 - The Great Barrier Reef and Torres Strait

Substitute [accompanying pages](#) 69 to 75

Chapter 8 - Torres Strait and the Great Barrier Reef

Page 110 and 111 (8.8) - Pilotage - Torres Strait and the Great Barrier Reef

Substitute [accompanying block](#)

Page 113 (8.9) - Torres Strait and the Great Barrier Reef Shipping Routes

Substitute [accompanying block](#)

Page 115 (8.9.6) - Further Information on Shipping Routes

Substitute [accompanying block](#)

1131* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Kirribilli Point - Obstruction removed
 Sydney Ports Corporation (AA705333)

Aus 200 [946/2013]

Substitute	depth, $14\frac{1}{2}m$, for depth, $11\frac{1}{2}m$, and enclosing danger circle with legend,	33° 51'.07 S	151° 13'.63 E
	Obstn		

Aus 202 [946/2013]

Substitute	depth, $14\frac{1}{2}m$, for depth, $11\frac{1}{2}m$, and enclosing danger circle with legend,	33° 51'.07 S	151° 13'.63 E
	Obstn		

AX 00202T [946/2013]

Substitute	depth, $14\frac{1}{2}m$, for depth, $11\frac{1}{2}m$, and enclosing danger circle with legend,	33° 51'.07 S	151° 13'.63 E
	Obstn		

1132* AUSTRALIA - QUEENSLAND - Coppersmith Rock - Light
 Australian Hydrographic Service (AA75159)

Aus 251 [1241/2012]

Amend	elevation to $15m$	20° 35'.9 S	149° 07'.0 E
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Aus 252 [997/2013]

Amend	elevation to $15m$	20° 35'.9 S	149° 07'.0 E
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Aus 824 [1242/2012]

Amend	light range to $10M$	20° 35'.9 S	149° 07'.0 E
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1133* AUSTRALIA - QUEENSLAND - Fitzalan Passage - Depths
 Maritime Safety Queensland (DHDB 2482359)

Aus 253 [997/2013]

Insert	depth, $0\frac{1}{2}m$, enclosed by contour	20° 18'.974 S	148° 55'.822 E
	depth, $4\frac{1}{2}m$, enclosed by contour	20° 18'.863 S	148° 56'.044 E

Delete	depth, $5\frac{1}{2}m$	20° 18'.84 S	148° 56'.04 E
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Aus 254 (plan, Fitzalan Passage) [997/2013]

Insert	depth, $0\frac{1}{2}m$, enclosed by contour	20° 18'.974 S	148° 55'.822 E
	depth, $4\frac{1}{2}m$, enclosed by contour	20° 18'.863 S	148° 56'.044 E

Delete	depth, $6\frac{1}{2}m$	20° 18'.98 S	148° 55'.80 E
	depth, $5\frac{1}{2}m$	20° 18'.84 S	148° 56'.04 E

1134* AUSTRALIA - QUEENSLAND - Hydrographers Passage - Creal Reef to Little Bugatti Reef - Lights

Australian Hydrographic Service (AA77198, AA77200)

Aus 821 [736/2011]

Amend	light range to 17/13M	20° 01'.2 S	150° 15'.4 E
	light range to 20M	20° 31'.9 S	150° 22'.7 E

Aus 4620 (INT 620) [800/2013]

Amend	light range to 17/13M	20° 01'.2 S	150° 15'.4 E
	light range to 20M	20° 31'.9 S	150° 22'.7 E

Aus 4621 (INT 621) [1044/2013]

Amend	light range to 17/13M	20° 01'.2 S	150° 15'.4 E
	light range to 20M	20° 31'.9 S	150° 22'.7 E

Aus 4635 (INT 635) [495/2013]

Amend	light range to 17/13M	20° 01'.2 S	150° 15'.4 E
	light range to 20M	20° 31'.9 S	150° 22'.7 E

AX 04620U [800/2013]

Amend	light range to 17/13M	20° 01'.2 S	150° 15'.4 E
	light range to 20M	20° 31'.9 S	150° 22'.7 E

AX 04621U [1044/2013]

Amend	light range to 17/13M	20° 01'.2 S	150° 15'.4 E
	light range to 20M	20° 31'.9 S	150° 22'.7 E

1135* AUSTRALIA - QUEENSLAND - Pioneer Rocks - Light beacon

Former Notice - 759(T)/2011 is cancelled

Maritime Safety Queensland Notice 852/2013 (AA703967)

Aus 252 [1132/2013]

Move	light beacon	20° 13'.60 S	148° 45'.46 E
	to	20° 13'.61 S	148° 45'.43 E

Aus 253 [1133/2013]

Move	light beacon	20° 13'.60 S	148° 45'.46 E
	to	20° 13'.610 S	148° 45'.433 E

1136* AUSTRALIA - QUEENSLAND - Pumicestone Channel - Beacon

Maritime Safety Queensland Notice 862/2013 (AA704510, AA705532)

Aus 235 [955/2013]

Insert	beacon with starboard lateral topmark	26° 57'.00 S	153° 05'.18 E
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Delete	beacon	26° 57'.0 S	153° 05'.2 E
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1137* AUSTRALIA - QUEENSLAND - The Broadwater - Nav aids

Maritime Safety Queensland Notice 857/2013, 867/2013 (AA703961, AA704590)

Aus 230 [951/2013]

Move	beacon	27° 55'.60 S	153° 24'.18 E
	to	27° 55'.592 S	153° 24'.186 E
	light beacon	27° 56'.19 S	153° 24'.54 E
	to	27° 56'.289 S	153° 24'.576 E
	light beacon	27° 56'.46 S	153° 25'.13 E
	to	27° 56'.476 S	153° 25'.095 E

1138* PAPUA NEW GUINEA - Trobriand Islands - Depths
Australian Hydrographic Service (AA690606)

Aus 515 [888/2013]

Insert [accompanying block](#) 8° 37'.0 S 151° 15'.0 E

Aus 516 [888/2013]

Insert [accompanying block A](#) 8° 30'.0 S 151° 16'.0 E
[accompanying block B](#) 8° 30'.0 S 151° 05'.0 E

1139* AUSTRALIA - NORTHERN TERRITORY - Bowen Strait - Depth
SV *Naika* (DHDB 2513377)

Aus 714 [324/2012]

Insert depth, 17m, semi enclosed to W by contour 11° 12'.65 S 132° 29'.79 E

1140* AUSTRALIA - NORTHERN TERRITORY - Darwin - Wrecks
HMAS *Gascoyne* (AA705325, AA705326)

Aus 26 [1048/2013]

Insert depth, 12m, enclosed by danger circle with legend, *Wk* 12° 28'.44 S 130° 48'.08 E

Delete wreck 12° 28'.4 S 130° 48'.0 E
wreck 12° 28'.5 S 130° 48'.0 E
depth, 17m 12° 28'.5 S 130° 48'.2 E

Aus 722 [958/2013]

Insert depth, 12m, enclosed by danger circle with legend, *Wk* 12° 28'.44 S 130° 48'.08 E

Delete wreck 12° 28'.4 S 130° 48'.0 E
wreck 12° 28'.5 S 130° 48'.0 E

AX 00026T [1048/2013]

Insert depth, 12m, enclosed by danger circle with legend, *Wk* 12° 28'.44 S 130° 48'.08 E

Delete wreck 12° 28'.4 S 130° 48'.0 E
wreck 12° 28'.5 S 130° 48'.0 E
depth, 17m 12° 28'.5 S 130° 48'.2 E

AX 00722T [958/2013]

Insert depth, 12m, enclosed by danger circle with legend, *Wk* 12° 28'.44 S 130° 48'.08 E

Delete wreck 12° 28'.4 S 130° 48'.0 E
wreck 12° 28'.5 S 130° 48'.0 E

1141* AUSTRALIA - WESTERN AUSTRALIA - Albany - Bramble Rock - Light buoy
Albany Port Authority (AA705747)

Aus 109 [1086/2013]

Substitute west cardinal spar light buoy, Q(9)15s, with topmark for beacon 35° 02'.53 S 117° 54'.76 E

1142* AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Rocky Point - Light buoy
Department of Transport WA Notice 150/2013 (AA703111)

Aus 115 [449/2013]

Insert special spar light buoy, Q.Y, without topmark 33° 19'.56 S 115° 37'.36 E

Aus 115 (plan, Port of Bunbury) [449/2013]

Insert special spar light buoy, Q.Y, without topmark 33° 19'.562 S 115° 37'.356 E

1143* AUSTRALIA - WESTERN AUSTRALIA - Champion Bay - Bluff Point - Light beacon

Australian Hydrographic Service (AA705537)

Aus 81 [642/2013]

Move	light beacon	28° 44'.79 S	114° 36'.42 E
	to	28° 44'.756 S	114° 36'.538 E

1144* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light buoy

Port Hedland Port Authority (AA704562)

Aus 52 [545/2013]

Insert	special pillar light buoy, <i>Fl. Y. 3s</i> , without topmark	20° 12'.592 S	118° 33'.727 E
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Delete	light buoy	20° 12'.61 S	118° 33'.74 E
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Aus 53 [545/2013]

Insert	special pillar light buoy, <i>Fl. Y. 3s</i> , without topmark	20° 12'.59 S	118° 33'.73 E
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Delete	light buoy	20° 12'.6 S	118° 33'.7 E
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1145* AUSTRALIA - WESTERN AUSTRALIA - Shark Bay - Herald Loop - Beacon; foul ground

Department of Transport WA (AA705633, AA705634)

Aus 748 [404/2011]

Substitute	# for beacon	25° 58'.5 S	114° 04'.4 E
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1146* AUSTRALIA - WESTERN AUSTRALIA - Wide Bay Harbour - Middle Bank - Depth

Maritime Safety Queensland (DHDB 2523046)

Aus 240 [953/2013]

Insert	depth, <i>1₁m</i> , enclosed by contour	25° 47'.50 S	153° 06'.47 E
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Delete	depth, <i>1₆m</i> , and enclosing contour	25° 47'.7 S	153° 06'.8 E
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Aus 815 [799/2013]

Insert	depth, <i>1₁m</i> , enclosed by contour	25° 47'.50 S	153° 06'.47 E
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Delete	depth, <i>2₅m</i>	25° 47'.4 S	153° 06'.4 E
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Aus 817 [971/2012]

Insert	depth, <i>1₁m</i> , enclosed by contour	25° 47'.50 S	153° 06'.47 E
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Delete	depth, <i>2₅m</i>	25° 47'.4 S	153° 06'.4 E
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1147* AUSTRALIA - SOUTH AUSTRALIA - Glenelg - Light beacons; lights

Department of Planning, Transport and Infrastructure SA Notice 30/2013 (AA703959, AA703597)

Aus 125 (plan, Glenelg) [1082/2012]

Insert	north cardinal light beacon, <i>Q</i> , with topmark	34° 58'.658 S	138° 30'.212 E
	south cardinal light beacon, <i>Q(6)+LFl. 15s</i> , with topmark	34° 58'.844 S	138° 30'.220 E

Delete	light with sector and legends	34° 58'.66 S	138° 30'.21 E
	light with sector and legends	34° 58'.84 S	138° 30'.22 E

Aus 781 [389/2013]

Amend	light to <i>Q</i>	34° 58'.7 S	138° 30'.2 E
	light to <i>Q(6)+LFl. 15s</i>	34° 58'.8 S	138° 30'.2 E

1148* AUSTRALIA - SOUTH AUSTRALIA - Spencer Gulf - Port Broughton - Light range

Department of Planning, Transport and Infrastructure SA (AA704564)

Aus 485 [694/2013]

Amend light range to 5M

33° 33'.6 S

137° 52'.7 E

Aus 778 [586/2013]

Amend light range to 5M

33° 33'.6 S

137° 52'.7 E

1149* AUSTRALIA - TASMANIA - Blackman Bay - Marine farms

Department of Primary Industries, Parks, Water and Environment TAS (DHDB 2351255)

Aus 169 (plan, Blackman Bay) [897/2013]Insert [accompanying block A](#)
[accompanying block B](#)

42° 51'.5 S

147° 51'.5 E

42° 53'.5 S

147° 53'.0 E

1150* AUSTRALIA - TASMANIA - Devonport - Infrastructure; lights

Devonport City Council (AA700134)

Aus 164 (plan, Devonport) [857/2013]Insert [accompanying block](#)

41° 11'.0 S

146° 22'.0 E

1151(T)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 1096(T)/2013 is cancelled
Newcastle Port Corporation (AA706142)

Available depths as at 11 November 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Eastern Basin 1	11.5	
Eastern Basin 2 North of Ch 450	11.6	
Eastern Basin 2 South of Ch 450	11.5	
Western Basin 3	11.6	
Western Basin 4	11.6	
Channel Berth	9.7	
Dyke 1	12.8	
Dyke 2	12.7	
Dyke 4	16.5	
Dyke 5	16.4	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.4	
BHP Wharf 6 to Ch 1050	7.1	
Kooragang 2	11.6	
Kooragang 2 North Dolphin Ch 182 to 243	11.6	
* Kooragang 2 South Dolphin Ch -92 to 00	11.3	
Kooragang 3 Ch -40 to 00	11.8	
Kooragang 3 Ch 00 to 220	13.1	
Kooragang 4	16.5	
Kooragang 5	16.5	
* Kooragang 6	16.5	
Kooragang 7	16.2	
Kooragang 8	16.3	
Kooragang 9	16.3	
Kooragang 10	16.3	
Throsby 1	8.4	
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Foreshore Park Berth	5.9	
Elgo Wharf		To be sounded as and when required
<i>Channels</i>		
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Entrance Channel (18.0m)	18.0	
Entrance Channel (17.4m)	17.4	
Entrance Channel (16.8m)	16.8	
Entrance Channel (16.2m)	16.2	
Entrance Channel to Horseshoe	15.2	
Horseshoe	15.0	
Steelworks Channel to Swinging Basin	15.0	
Swinging Basin	14.8	
Hunter River South Arm (Kooragang 6 to buoy 16)	15.0	
Hunter River South Arm (buoy 16 to buoy 20)	15.0	
Basin Cutting	12.6	
Basin Area to Eastern & Western Basin Berths	12.3	
Basin Area to 1 Throsby	9.4	
Stockton Crossing	3.6	
* Indicates new or revised entry.		

Chart temporarily affected - Aus 207 - Aus 208**1152(T)/2013 AUSTRALIA - QUEENSLAND - Abbot Bay - Clark Shoal - Light beacon relit**

Former Notice - 56(T)/2012 is cancelled
Maritime Safety Queensland 24(T)/2012 (AA575902)

Cancel this notice on receipt.

Chart formerly affected - Aus 255 - Aus 826

1153(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Jetty demolished; light removed*Former Notice* - 600(T)/2013 is cancelled

Maritime Safety Queensland Notice 450/2013 (AA677280)

Cancel this notice on receipt.

Chart formerly affected - Aus 242**1154(T)/2013 AUSTRALIA - QUEENSLAND - Burnett River - Wreck salvaged***Former Notice* - 262(T)/2013 is cancelled

Maritime Safety Queensland Notice 204(T)/2013 (AA655691)

Cancel this notice on receipt.

Chart formerly affected - Aus 242**1155(T)/2013 AUSTRALIA - QUEENSLAND - Ethel Rocks - Wreck eastwards dispersed***Former Notice* - 743(T)/2012 is cancelled

Maritime Safety Queensland (AA706391)

Cancel this notice on receipt.

Chart formerly affected - Aus 246 - Aus 819**1156(T)/2013 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Tin Can Inlet - Snapper Creek - Wreck**

Maritime Safety Queensland Notice 876(T)/2013 (AA705816)

A stranded wreck exists in position 25° 54'.44 S 153° 00'.06 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 240**1157(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations completed***Former Notice* - 762(T)/2013 is cancelled

Maritime Safety Queensland Notice 556(T)/2013 (AA686377)

Cancel this notice on receipt.

Chart formerly affected - Aus 250**1158(T)/2013 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations completed***Former Notice* - 763(T)/2013 is cancelled

Maritime Safety Queensland Notice 572(T)/2013 (AA686339)

Cancel this notice on receipt.

Chart formerly affected - Aus 6

1159(T)/2013 AUSTRALIA - QUEENSLAND - Mackay - Depth information

Former Notice - 1017(T)/2013 is cancelled

Maritime Safety Queensland Notice 888(T)/2013 (AA705666)

Available depths as at 6 November 2013:

<i>Remarks</i>	<i>Metres</i>
* Entrance Channel	8.6
* Swing Basin	8.5
* Berth No 1	11.0
* Berth No 3	12.5
* Berth No 3 & 4 composite	12.5
* Berth No 4	10.8
* Berth No 5	12.5
* Indicates revised entry.	

Chart temporarily affected - Aus 250

1160(T)/2013 AUSTRALIA - QUEENSLAND - Mackay - Shoaling removed

Former Notice - 1102(T)/2013 is cancelled

Maritime Safety Queensland Notice 897/2013 (AA706207)

Cancel this notice on receipt.

Chart formerly affected - Aus 250

1161(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information

Former Notice - 1105(T)/2013 is cancelled

Brisbane Port Corporation (AA705616)

Available depths and under keel clearances (UKC) at 6 November 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No12	13.8	
Fisherman Islands No11	13.7	
* Fisherman Islands No10	13.7	
Fisherman Islands No9	13.9	
Fisherman Islands No8	14.0	
Fisherman Islands No7	14.0	
Fisherman Islands No6	14.2	
Fisherman Islands No5	14.0	
Fisherman Islands No4	14.0	
Fisherman Islands No3	14.0	
Fisherman Islands No2	14.0	
Fisherman Islands No1	13.7	
Fisherman Islands Grain and Woodchip	13.1	
* Caltex Fisherman Islands	14.4	
Fisherman Islands Coal	14.0	
* Fisherman Islands General Purpose	10.9	
BP Luggage Point	14.3	
* Caltex Products	9.8	
Cement Australia Co Wharf	9.3	
* BP Products	10.7	
Shell	10.9	
* Pacific Terminals	10.9	
Incitec North	10.0	
* Incitec South	10.1	
* Pinkenba 1	9.6	
* Pinkenba 2	10.5	
Riverside Marina	-	
Sugar Terminal	9.8	
Cairncross Fitting Out Wharf	7.2	
Cairncross Breasting Wharf	4.9	
Brisbane Naval Wharf	4.3	
Maritime No1	9.0	
Hamilton No4	10.1	
* Hamilton No1	8.9	
* Brisbane Cruise Ship Terminal	9.0	
	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay:</i>		
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	6.0	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
<i>Brisbane River:</i>		
Outer Bar Cutting	14.0	1.46
* Inner Bar Cutting	13.7	1.46
* Fisherman Islands Swing Basin	13.7	1.3
River	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	9.0	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

1162(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Nav aids restored*Former Notice* - 145(T)/2013 is cancelled

Maritime Safety Queensland Notice 76(T)/2013 (AA649220)

Cancel this notice on receipt.

Chart formerly affected - Aus 235 - Aus 236 - Aus 237 - Aus 238 - Aus 814 - Aus 815**1163(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Coochiemudlo Island - Harbour works completed***Former Notice* - 1021(T)/2013 is cancelled

Maritime Safety Queensland Notice 764(T)/2013 (AA698739)

Cancel this notice on receipt.

Chart formerly affected - Aus 236**1164(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Obstruction***Former Notice* - 1024(T)/2013 is cancelled

Maritime Safety Queensland Notice 794(T)/2013 (AA699938)

Note: update applied to ENC only

Cancel this notice on receipt.

Chart formerly affected - Aus 235**1165(T)/2013 AUSTRALIA - QUEENSLAND - Weipa - Light beacon destroyed**

Maritime Safety Queensland Notice 896(T)/2013 (AA706057)

SC24 light beacon, Q.R (12° 40'.16 S 141° 49'.74 E), has been destroyed; a special buoy exists in situ.

Chart temporarily affected - Aus 4**1166(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Dredging operations completed***Former Notice* - 987(T)/2013 is cancelled

Darwin Port Corporation Notice 200(T)/2013 (AA705460)

Cancel this notice on receipt.

Chart formerly affected - Aus 24 - Aus 26 - AX 00026T**1167(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Scientific instruments recovered***Former Notice* - 984(T)/2013 is cancelled

Darwin Port Corporation Notice 200(T)/2013 (AA705460)

Cancel this notice on receipt.

Chart formerly affected - Aus 24 - Aus 26 - Aus 28 - AX 00026T**1168(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Live firing completed***Former Notice* - 1111(T)/2013 is cancelled

RAAF (AA693050)

Cancel this notice on receipt.

Chart formerly affected - Aus 26 - Aus 29 - Aus 309 - Aus 315 - Aus 316 - Aus 318 - Aus 722 - Aus 724 - Aus 725 - AX 00026T - AX 00309T - AX 00309U - AX 00315U - AX 00722T

1169(T)/2013 AUSTRALIA - TIMOR SEA - Sahul Banks - Drill rig

Australian Maritime Safety Authority Auscoast Warning 276/2013 (AA706846)

Drill rig *Stena Clyde* is conducting drilling operations in position 10° 38'.62 S 126° 09'.62 E.

Chart temporarily affected - Aus 312 - Aus 4721 (INT 721) - AX 00312U - AX 04721U

1170(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Scientific instruments northwestwards recovered

Former Notice - 658(T)/2013 is cancelled

MetOcean Engineers (AA706103, AA706104)

Cancel this notice on receipt.

Chart formerly affected - Aus 327

1171(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Scientific instruments northwestwards

Former Notice - 629(T)/2010 is cancelled

Date - Until 30 June 2014

MetOcean Engineers (AA706103, AA706104)

Scientific instruments exist as follows:

Position	Remarks
19° 36'.01 S 116° 06'.79 E	lit buoy, Q(5)Y.20s
19° 36'.19 S 116° 06'.84 E	5 poly floats

Chart temporarily affected - Aus 327

1172(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Scientific instruments

Date - Until 30 June 2014

MetOcean Engineers (AA706103, AA706104)

Scientific instruments marked by special light buoys, Q(5)Y.20s, exist in the following positions:

18° 45'.07 S 117° 01'.90 E
19° 31'.40 S 117° 02'.66 E
19° 31'.37 S 117° 02'.90 E.

Chart temporarily affected - Aus 327 - Aus 741

1173(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Scientific instruments

Former Notice - 1067(T)/2013 is cancelled

Date - Until 30 June 2014

University of Western Australia (AA707013), MetOcean Engineers (AA706103, AA706104)

Subsurface scientific instruments, >20m below the surface, exist in the following positions:

19° 03'.00 S 117° 03'.60 E
19° 04'.80 S 116° 36'.00 E
19° 31'.20 S 117° 03'.00 E
19° 45'.46 S 117° 01'.23 E.

A subsurface scientific instrument, 12m below the surface, exists in position 19° 32'.38 S 116° 31'.66 E.

Chart temporarily affected - Aus 327 - Aus 741

1174(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Kwinana - Scientific instrument

Date - Until 7 May 2015

Fremantle Ports (AA706386)

A special cylindrical light buoy, Fl.Y.4s, exists in position 32° 12'.07 S 115° 46'.20 E.

Chart temporarily affected - Aus 114 - Aus 117 - AX 00117T

1175(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards*Former Notice* - 1031(T)/2013 is cancelled*Date* - Until 4 December 2013MODU *Deepwater Frontier* (AA707042, AA707065)Drill rig *Deepwater Frontier* is conducting drilling operations in position 19° 47'.55 S 114° 38'.95 E.**Chart temporarily affected - Aus 328 - Aus 4723 (INT 723) - AX 04723U****1176(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwards***Former Notice* - 1032(T)/2013 is cancelled*Date* - Until 31 January 2014MODU *Nan Hai 6* (AA705644), Australian Maritime Safety Authority Notice 270/2013 (AA705442)Drill rig *Nan Hai 6* is conducting drilling operations in position 21° 32'.08 S 114° 09'.31 E.**Chart temporarily affected - Aus 328 - Aus 329 - Aus 744****1177(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Bed levelling completed***Former Notice* - 930(T)/2013 is cancelled

Port Hedland Port Authority (AA706066)

Cancel this notice on receipt.

Chart formerly affected - Aus 52 - Aus 53 - Aus 54**1178(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instruments recovered***Former Notice* - 931(T)/2013 is cancelled

EGS Survey Pty Ltd (AA706105)

Cancel this notice on receipt.

Chart formerly affected - Aus 55 - Aus 326 - Aus 327 - Aus 740 - Aus 741**1179(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Wallaroo - Light beacon destroyed**

Department of Planning, Transport and Infrastructure SA Notice 31/2013 (AA707011)

No4 light beacon, *Fl.R.2s* (33° 54'.30 S 137° 34'.33 E), has been destroyed; a port lateral light buoy *Fl.WR* exists in situ.**Chart temporarily affected - Aus 133****1180(T)/2013 AUSTRALIA - VICTORIA - Otway Basin - Pipeline established***Former Notice* - 275(T)/2013 is cancelled

Origin Energy (AA620979, AA654442 - AA654445)

A pipeline exists between positions 39° 06'.94 S 142° 56'.00 E and 39° 06'.49 S 142° 57'.10 E.

Note: charts will be updated on receipt of as laid positions.**Chart temporarily affected - Aus 349 - Aus 787****1181(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Davey Point - Beacon destroyed**

Victorian Notice 148(T)/2013 (AA705830)

The north cardinal beacon (38° 09'.67 S 145° 05'.08 E) has been destroyed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143

1182(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works completed*Former Notice* - 663(T)/2013 is cancelled

Victorian Notice 150/2013 (AA707001)

Note: charts will be updated on receipt of as built positions.

Cancel this notice on receipt.

Chart formerly affected - Aus 154**1183(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Short Road Wharf - Harbour works completed***Former Notice* - 74(T)/2013 is cancelled

Port of Melbourne Corporation (AA707002)

Cancel this notice on receipt.

Chart formerly affected - Aus 154**1184(P)/2013 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Toe lines**

Victorian Notice 149/2013 (AA707025)

Toe lines have been amended to the following positions:

38° 17'.55 S 144° 38'.38 E

38° 17'.49 S 144° 39'.02 E

38° 17'.51 S 144° 40'.33 E

38° 17'.58 S 144° 40'.67 E

and

38° 18'.16 S 144° 44'.60 E

38° 18'.55 S 144° 47'.19 E.

Note: new editions of charts are in production.**Chart which will be affected - Aus 143 - Aus 144 - Aus 158****1185(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne Channel - Light buoys***Date* - Until 30 March 2014

Victorian Notice 142(T)/2013 (AA707098, AA707099)

Special pillar light buoys, VQ(4)Y.4s, exist in the following positions:

37° 58'.87 S 144° 55'.69 E

37° 58'.86 S 144° 54'.96 E

37° 56'.58 S 144° 55'.77 E

37° 56'.57 S 144° 55'.07 E.

Chart temporarily affected - Aus 155**1186(T)/2013 AUSTRALIA - VICTORIA - Warrnambool - Seismic survey southwards***Former Notice* - 1123(T)/2013 is cancelled*Date* - Until 31 December 2013

WHL Energy Ltd (AA703824, AA7033825), Origin Energy (AA704830, AA705212)

MV *Viking II*, with a 6100m towed array, support vessels MV *Pacific Protector* and MV *Instigator* is conducting a survey in an area bounded by the following positions:

38° 40'.0 S 141° 45'.0 E

38° 55'.0 S 142° 50'.0 E

38° 50'.0 S 143° 00'.0 E

38° 50'.0 S 143° 15'.0 E

40° 15'.0 S 143° 10'.0 E

39° 45'.0 S 141° 05'.0 E.

Chart temporarily affected - Aus 348 - Aus 349 - Aus 487 - Aus 787 - Aus 4728 (INT 728)

1187(T)/2013 AUSTRALIA - TASMANIA - Devonport - Light beacon restored

Former Notice - 992(T)/2013 is cancelled

Marine and Safety Tasmania Notice M115/2013 (AA705622)

Cancel this notice on receipt.

Chart formerly affected - Aus 164

1188(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Kelly Channel - Light beacon relit

Former Notice - 1126(T)/2013 is cancelled

Marine and Safety Tasmania Notice 116/2013 (AA705620)

Cancel this notice on receipt.

Chart formerly affected - Aus 177

1189(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instruments

Marine and Safety Tasmania M119/2013 (AA706392)

Subsurface scientific instruments >20m below the surface, marked by a subsurface buoy 15m below the surface, exist in the following positions:

42° 16'.22 S 145° 19'.41 E
 42° 17'.72 S 145° 20'.52 E
 42° 22'.93 S 145° 27'.79 E
 42° 11'.74 S 145° 17'.71 E
 42° 18'.16 S 145° 24'.42 E
 42° 21'.63 S 145° 24'.74 E
 42° 09'.74 S 145° 19'.21 E
 42° 19'.28 S 145° 22'.48 E
 42° 22'.58 S 145° 28'.26 E
 42° 18'.56 S 145° 23'.77 E
 42° 16'.02 S 145° 18'.69 E
 42° 14'.99 S 145° 20'.10 E.

Subsurface scientific instruments <20m below the surface, marked by a subsurface buoy 3m above the seabed, exist in the following positions:

42° 20'.24 S 145° 20'.78 E
 42° 15'.80 S 145° 14'.42 E
 42° 17'.44 S 145° 18'.18 E
 42° 12'.65 S 145° 21'.45 E
 42° 21'.45 S 145° 32'.87 E
 42° 17'.23 S 145° 18'.69 E
 42° 14'.53 S 145° 21'.48 E
 42° 22'.82 S 145° 32'.28 E
 42° 11'.51 S 145° 18'.13 E
 42° 22'.13 S 145° 28'.61 E
 42° 21'.88 S 145° 32'.15 E
 42° 17'.04 S 145° 16'.25 E
 42° 14'.64 S 145° 21'.02 E
 42° 10'.31 S 145° 19'.20 E
 42° 17'.04 S 145° 19'.29 E
 42° 10'.93 S 145° 18'.39 E
 42° 21'.06 S 145° 30'.19 E
 42° 12'.21 S 145° 17'.45 E
 42° 17'.16 S 145° 17'.73 E
 42° 14'.53 S 145° 21'.48 E
 42° 19'.56 S 145° 21'.94 E
 42° 22'.57 S 145° 31'.12 E
 42° 16'.72 S 145° 18'.90 E
 42° 18'.74 S 145° 18'.90 E
 42° 22'.59 S 145° 31'.90 E
 42° 17'.55 S 145° 19'.23 E
 42° 18'.61 S 145° 19'.55 E
 42° 18'.01 S 145° 20'.12 E
 42° 21'.66 S 145° 29'.68 E
 42° 21'.92 S 145° 24'.65 E
 42° 24'.86 S 145° 27'.47 E
 42° 16'.82 S 145° 19'.69 E
 42° 17'.41 S 145° 19'.90 E
 42° 23'.78 S 145° 28'.02 E.

Chart temporarily affected - Aus 177 - Aus 792

HYDROGRAPHIC REPORTS

Nil Reports

NAVIGATION WARNINGS

The following radio messages have been received during the period to 14 November 2013. 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

- 269 Special purpose vessel *Viking II* conducting seismic survey operations towing 8 x 4M cable in an area bounded by 38° 40'.0 S to 40° 15'.0 S and 141° 05'.0 E to 143° 15'.0 E. 6M clearance requested.
- 270 Drill rig *Nan Hai 6* in position 21° 32'.02 S 114° 09'.10 E. 2.5M clearance requested.
- 271 Cancelled.
- 272 Special purpose vessel *Geo Caspian* conducting underwater survey in an area bounded by 12° 46'.4 S to 14° 03'.5 S and 123° 31'.7 E to 124° 03'.4 E. 7M clearance requested.
- 273 Cancelled.
- 274 Cancelled.
- 275 Cancelled.
- 276 Drill rig *Stena Clyde* in position 10° 38'.62 S 126° 09'.62 E. 2.5M clearance requested.
- 277 Mackay DGPS station ALRS Vol(2) in position 21° 06'.19 S 149° 12'.68 E temporarily discontinued.

NAVAREA X WARNINGS

- 060 Cancelled.
- 061 Cancelled.

Navigational warnings in force as at 140001UTC NOV 13.**Auscoast**

2013 099 134 217 236 237 238 244 246 257 262 263 264 268 269 270 272 276 277

Navarea X

2013 037

Summary of mobile drilling rigs as at 140001UTC NOV 13.

<i>Name</i>	<i>Position</i>
Ensco 104	10° 09'.20 S 128° 49'.60 E
Noble Clyde Boudreaux	13° 49'.00 S 123° 19'.35 E
Jack Bates	13° 24'.59 S 122° 59'.02 E
Transocean Legend	13° 19'.00 S 122° 16'.45 E
Atwood Eagle	19° 42'.41 S 115° 52'.53 E
Ensco 109	12° 40'.30 S 124° 32'.30 E
Atwood Falcon	20° 04'.23 S 115° 11'.00 E
Atwood Osprey	20° 24'.50 S 114° 51'.00 E
Nan Hai 6	21° 32'.02 S 114° 09'.10 E

NAVAREA XIV WARNINGS

092 Cancelled.
 093 Cancelled.
 094 Cancelled.
 095 Cancelled.
 096 Cancelled.
 097 Cancelled.
 098 Southern Ocean. Voluntary Ship Reporting System in the New Zealand search and rescue area south of 60° 00' S.

The New Zealand Search and Rescue Authorities have established a voluntary ship reporting system for all vessels operating in the NZSAR region south of 60° 00' S for the purposes of assisting the SAR Authority in coordinating SAR operations in that area.

Area covered: 60° 00' S to the southern edge of the Ross Sea bounded by 163 ° 00' E to 131° 00' W.

All vessels are requested to notify Taupo Maritime Radio on entry and departure into the area and are also encouraged to make daily position reports. Information provided will be used for SAR purposes only.

Taupo Maritime Radio can be contacted on INMARSAT C 582 451 200 067, HF, email, maritime@kordia.com.nz or 00 64 4 550 5280.

Navarea XIV warnings in force as at 140001UTC NOV 13.

2013 098