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Edition 12

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

AUSTRALIAN NOTICES TO MARINERS

Notices 629 - 691



Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE 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 notices relate to WGS84 which is the horizontal datum for all charts produced by the Australian Hydrographic Service.

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 datacentre@hydro.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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629 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts

Australian Hydrographic Service (AA887204), UKHO (AA888237)

New Charts

<i>Chart</i>	<i>Title and Geographical limits</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
NIL				

New Electronic Navigation Chart (Aus ENC)

<i>Cell Name</i>	<i>Title</i>	<i>Publication Date</i>	<i>Remarks</i>
NIL			

New Editions and Withdrawn Charts

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
Aus 523 Edition 2	Papua New Guinea - North East Coast - Nassau Bay to Finschhafen	1:150 000	17 June 2016	New edition with general updating throughout; including coastline and new bathymetric data . Chart Aus 523 Edition 1 dated 11 February 2011 is now superseded and must be withdrawn from use.

Admiralty publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP285	Admiralty List of Radio Signals. Global Maritime Distress and Safety System (GMDSS).	23/6/2016	The 2015/16 Edition of NP285 is cancelled.

Erratum*Notice to Mariners 1279/2015*

Plans to withdraw chart Aus 331 will no longer take place.

Chart permanently withdrawn

Charts listed above as withdrawn no longer meet chart carriage requirements and should be marked as "superseded" and replaced with the new chart/ new edition listed prior to passage through the area covered by the new chart.

When placing orders with a chart agent between notice of forthcoming edition and its publication, mariners should advise whether their order pertains to the current edition or the new edition.

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

630 AUSTRALIA - Products- New Charts and New Editions to be published shortly
 Australian Hydrographic Service (AA888273)

New Charts to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>	<i>Remarks</i>
NIL				

New Editions to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>	<i>Remarks</i>
Aus 32	Australia - North Coast - Western	1:75 000	1 July 2016	New edition to incorporate latest bathymetric data
Edition 2	Australia - Cambridge Gulf			
	Approaches to Wyndham Wharf	1:37 500		
	Wyndham Wharf	1:7 500		

Charts withdrawn without replacement in September 2016

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Publication Date</i>
Aus 61	Australia - North West Coast - Western Australia -	1:25 000	27 October 2000
Edition 2	Montebello Islands		
Aus 62	Australia - North West Coast - Western Australia -	1:50 000	20 August 2004
Edition 1	Approaches to Varanus Island		
Aus 747	Australia - West Coast - Western Australia - Shark	1:150 000	21 July 2000
Edition 2	Bay (Northern Sheet)		
Aus 748	Australia - West Coast - Western Australia - Shark	1:150 000	29 March 1994
Edition 1	Bay (South Eastern Sheet)		
Aus 749	Australia - West Coast - Western Australia - Shark	1:150 000	21 May 1993
Edition 1	Bay (South Western Sheet)		

631* AUSTRALIA - NEW SOUTH WALES - Botany Bay - Sutherland Point to Molineux Point - Light buoys
 Port Authority of New South Wales Notice 11/2016 (SIRF2016004619)

Aus 196 [535/2016]

Insert	special spherical light buoy, <i>Fl(5)Y.20s</i> , without topmark	33° 59'.90 S	151° 13'.30 E
Delete	light buoy	33° 59'.26 S	151° 12'.56 E

Aus 198 [535/2016]

Insert	special spherical light buoy, <i>Fl(5)Y.20s</i> , without topmark	33° 59'.90 S	151° 13'.30 E
Delete	light buoy	33° 59'.26 S	151° 12'.56 E

632* AUSTRALIA - NEW SOUTH WALES - Pittwater - Soldiers Point - Light beacon

NSW Roads and Maritime Services (SIRF2016004666)

Aus 215 [376/2016]

Insert	starboard lateral light beacon, <i>Fl.G.3s</i> , with topmark	33° 36'.255 S	151° 18'.297 E
Delete	depth, 3 ₇ m	33° 36'.26 S	151° 18'.31 E

633* AUSTRALIA - QUEENSLAND - Egret Reef - Light
 Australian Maritime Safety Authority Final ATH 19/2016 (SIRF2016003554)

Aus 831 [234/2016]

Amend	light range to 11M	15° 28'.6 S	145° 24'.3 E
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634* AUSTRALIA - QUEENSLAND - Gladstone - Lights; light buoy

Maritime Safety Queensland Notice 1229/2011, 245/2016 (SIRF2016004616, SIRF2016004444)

Aus 245 [121/2016]

Insert	light, <i>F.R</i>	23° 45'.330 S	151° 10'.765 E
	light, <i>F.R</i>	23° 45'.396 S	151° 10'.786 E
	light, <i>F.R</i>	23° 45'.473 S	151° 10'.842 E

Aus 272 [1050/2014]

Insert	light, <i>F.R</i>	23° 45'.330 S	151° 10'.765 E
	light, <i>F.R</i>	23° 45'.396 S	151° 10'.786 E
	light, <i>F.R</i>	23° 45'.473 S	151° 10'.842 E
Delete	light buoy	23° 45'.78 S	151° 09'.84 E

635* AUSTRALIA - QUEENSLAND - Hummocky Island - Wreck northeastwards

LADS Flight (DSID 2180921)

Aus 247 [185/2016]

Insert	depth, 24 _g <i>m</i> , enclosed by danger circle with legend, <i>Wk</i>	23° 17'.80 S	151° 17'.95 E
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Delete	depth, 27m, and enclosing danger circle with legend, <i>Wk</i>	23° 17'.8 S	151° 17'.8 E
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Aus 490 [439/2016]

Substitute	depth, 24 _g <i>m</i> , for depth, 27m	23° 17'.8 S	151° 17'.9 E
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Aus 819 [NE 22/4/2016]

Substitute	depth, 24 _g <i>m</i> , for depth, 27m	23° 17'.8 S	151° 17'.9 E
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Aus 820 [181/2016]

Substitute	depth, 24 _g <i>m</i> , for depth, 27m	23° 17'.8 S	151° 17'.9 E
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636* AUSTRALIA - QUEENSLAND - Mackay - Signal stations

Maritime Safety Queensland Notice 271/2016 (SIRF2016004771)

Aus 250 (plan, Mackay Harbour) [382/2016]

Insert	traffic signal station with legend, <i>SS (Traffic)</i>	21° 06'.623 S	149° 13'.817 E
	legend, <i>SS (Traffic)</i> at light	21° 06'.262 S	149° 13'.939 E

637* AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Nav aids
Maritime Safety Queensland Notice 279/2016 (SIRF2016004840)

Aus 236 [540/2016]

Insert	a dashed line in a direction 125° for a distance of 0.65M, thence a continuous line for 3M, with legend 305°, emanating from light beacon	27° 19'.99 S	153° 11'.50 E
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Delete	dashed and continuous line with legend 304°, emanating from light beacon	27° 20'.0 S	153° 11'.5 E
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Aus 237 [540/2016]

Insert	light beacon, <i>Fl.R.4s No4</i> , with port lateral topmark	27° 19'.202 S	153° 12'.235 E
	port lateral pillar light buoy, <i>Fl.R.4s No12</i> , without topmark	27° 21'.006 S	153° 10'.987 E
	a dashed line in a direction 125° for a distance of 1200m, thence a continuous line for 1540m, with legend 305°, emanating from light beacon	27° 19'.99 S	153° 11'.50 E

Amend	light beacon to <i>Fl.G.4s No3</i>	27° 19'.15 S	153° 12'.09 E
	light beacon to <i>Fl.G.4s No5</i>	27° 19'.72 S	153° 11'.69 E
	light beacon to <i>Fl.R.4s No6</i>	27° 19'.79 S	153° 11'.83 E
	light beacon to <i>Fl.G.4s & Iso.Bu.2s No7 Coffee Pot W</i>	27° 19'.99 S	153° 11'.50 E
	light beacon to <i>Iso.R.4s & Q.Bu No8 Coffee Pot E</i>	27° 20'.07 S	153° 11'.63 E
	light beacon to <i>Fl.G.4s No9</i>	27° 20'.64 S	153° 11'.05 E
	light beacon to <i>Iso.R.4s No10</i>	27° 20'.71 S	153° 11'.18 E
	light beacon to <i>Fl.G.4s No11</i>	27° 20'.95 S	153° 10'.84 E
	light beacon to <i>Fl.G.4s No13</i>	27° 21'.25 S	153° 10'.63 E
	light buoy to <i>Fl.Y.2.5s No14</i>	27° 21'.20 S	153° 10'.84 E
	light beacon to <i>Fl.Y.4s No15 Inner Bar W</i>	27° 21'.57 S	153° 10'.41 E

Delete	light beacon	27° 18'.86 S	153° 12'.29 E
	light beacon	27° 18'.94 S	153° 12'.42 E
	light beacon	27° 19'.22 S	153° 12'.22 E
	light beacon	27° 19'.43 S	153° 11'.89 E
	light beacon	27° 19'.50 S	153° 12'.02 E
	light beacon	27° 20'.32 S	153° 11'.27 E
	light beacon	27° 20'.38 S	153° 11'.40 E
	light buoy	27° 20'.98 S	153° 10'.99 E
	dashed and continuous line with legend 303.9°, emanating from light beacon	27° 19'.99 S	153° 11'.50 E

638* AUSTRALIA - QUEENSLAND - Moreton Bay - Moreton Island - Kounungai - Light beacons
Maritime Safety Queensland Notice 284/2016 (SIRF2016004934)

Aus 236 [637/2016]

Insert	special light beacon, <i>Fl.Y.4s</i> , with topmark	27° 17'.57 S	153° 23'.89 E
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Delete	light beacon and sectors emanating from light beacon with legends	27° 17'.6 S	153° 24'.1 E
	depth, 0 ₃ m	27° 17'.5 S	153° 23'.9 E

639* AUSTRALIA - QUEENSLAND - The Broadwater - Buoy
Maritime Safety Queensland Notice 258/2016 (SIRF2016004508)

Aus 230 [541/2016]

Substitute	starboard lateral conical buoy, without topmark for buoy	27° 57'.87 S	153° 25'.15 E
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640* AUSTRALIA - TORRES STRAIT - Mecca Reef to Gannet Passage - AIS

Australian Maritime Safety Authority Final ATH 44/2016, 45/2016, 46/2016, 47/2016, 48/2016 (SIRF2016004626, SIRF2016004628, SIRF2016004627, SIRF2016004629, SIRF2016004630)

Aus 293 [547/2016]

Insert	magenta circle, with legend A/S, at light buoy	10° 32'.325 S	142° 10'.142 E
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Aus 296 [239/2016]

Insert	starboard lateral virtual AIS	10° 35'.256 S	141° 52'.920 E
	starboard lateral virtual AIS	10° 34'.710 S	141° 54'.318 E
	port lateral virtual AIS	10° 34'.830 S	141° 52'.896 E
	port lateral virtual AIS	10° 34'.320 S	141° 53'.850 E
Delete	depth, 10 ₃ m	10° 35'.23 S	141° 52'.93 E

Aus 299 [239/2016]

Insert	magenta circle, with legend A/S, at light buoy	10° 32'.325 S	142° 10'.142 E
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641* AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Mooring buoys

Darwin Port (SIRF2016004655, SIRF2016004785), Department of Transport NT Notice 58/2016, 59/2016 (SIRF2016004631, SIRF2016004632)

Aus 26 [241/2016]

Delete	lit mooring buoy	12° 29'.7 S	130° 52'.3 E
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Aus 28 [187/2016]

Insert	lit yellow cylindrical mooring buoy, <i>Fl. Y. 3s</i>	12° 28'.690 S	130° 51'.860 E
	lit orange cylindrical mooring buoy, <i>Fl. Y. 3s</i>	12° 28'.830 S	130° 52'.060 E
	lit yellow cylindrical mooring buoy, <i>Fl. 2.5s</i>	12° 29'.143 S	130° 53'.018 E
	lit orange cylindrical mooring buoy, <i>Fl. Y. 3s</i>	12° 29'.960 S	130° 52'.280 E
Delete	lit mooring buoy	12° 29'.74 S	130° 52'.33 E
	depth, 11 ₂ m	12° 28'.70 S	130° 51'.86 E

642* AUSTRALIA - WESTERN AUSTRALIA - Albany - Depths

Surrich Hydrographics (DSID 3124666)

Aus 109 [594/2016]

Insert	depth, 0 ₇ m	35° 02'.332 S	117° 54'.667 E
Substitute	depth, 1 ₁ m, for depth, 1 ₈ m	35° 02'.19 S	117° 54'.81 E
	depth, 5 ₉ m, for depth, 6 ₃ m	35° 01'.97 S	117° 53'.27 E
Delete	depth, 1 ₃ m	35° 02'.34 S	117° 54'.67 E

643* AUSTRALIA - WESTERN AUSTRALIA - Broome - Light

Kimberley Ports Authority Notice 6/2016 (SIRF2016004717)

Aus 50 [347/2016]

Delete	light and emanating light sectors with legends	18° 00'.3 S	122° 12'.4 E
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Aus 51 [347/2016]

Delete	light and emanating light sectors with legends	18° 00'.32 S	122° 12'.36 E
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Aus 324 [389/2016]

Delete	light	18° 00'.3 S	122° 12'.4 E
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644* AUSTRALIA - WESTERN AUSTRALIA - Busselton to Point Dalling - Lights

Department of Transport WA (SIRF2016004685)

Aus 755 [504/2016]

Insert	light, <i>F.Bu</i>	33° 39'.38 S	115° 15'.38 E
	light, <i>F.Bu</i>	33° 37'.87 S	115° 08'.94 E
	light, <i>F.Bu</i>	33° 36'.08 S	115° 06'.35 E

Aus 756 [387/2016]

Insert	light, <i>F.Bu</i>	33° 39'.38 S	115° 15'.38 E
	light, <i>F.Bu</i>	33° 37'.87 S	115° 08'.94 E
	light, <i>F.Bu</i>	33° 36'.08 S	115° 06'.35 E

645* AUSTRALIA - WESTERN AUSTRALIA - Camden Sound - DepthHMAS *Leeuwin* (SIRF2016004967)**Aus 320 [242/2016]**

Insert	depth, 2 <i>m</i> , enclosed by contour	15° 23'.08 S	124° 16'.66 E
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Aus 730 [449/2016]

Insert	depth, 2 <i>m</i> , enclosed by contour	15° 23'.08 S	124° 16'.66 E
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646* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Nav aids; plan withdrawn

Fremantle Ports (SIRF2016004807), Department of Transport WA (SIRF2016004681, SIRF2016004871)

Aus 112 [289/2016]

Amend	legend to 040·4°	32° 03'.13 S	115° 44'.31 E
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Aus 113 [505/2016]

Insert	light, <i>F.R</i>	32° 02'.293 S	115° 45'.157 E
	dashed line with legend, 2 <i>F.R</i> ≠ 040·4°, between	32° 01'.712 S	115° 45'.758 E
		32° 03'.189 S	115° 44'.283 E
	dashed line with legend, 2 <i>F.R</i> ≠ 040·8°, between	32° 01'.712 S	115° 45'.747 E
		32° 03'.003 S	115° 44'.438 E

Substitute	port lateral pillar light buoy, <i>Fl.R.4s</i> , with topmark for light beacon	32° 03'.23 S	115° 43'.97 E
	special spar light buoy, <i>Q.Y.</i> , with topmark for light buoy	32° 03'.23 S	115° 43'.98 E

Move	light	32° 02'.31 S	115° 45'.17 E
	to	32° 02'.310 S	115° 45'.161 E
	light buoy	32° 03'.31 S	115° 43'.03 E
	to	32° 03'.317 S	115° 43'.025 E
	light buoy	32° 03'.44 S	115° 43'.05 E
	to	32° 03'.444 S	115° 43'.043 E
	light beacon	32° 03'.27 S	115° 43'.48 E
	to	32° 03'.281 S	115° 43'.481 E
	light beacon	32° 03'.39 S	115° 43'.50 E
	to	32° 03'.383 S	115° 43'.495 E

Delete	dashed line with legend, 2 <i>F.R</i> ≠ 040·2°, between	32° 03'.20 S	115° 44'.29 E
		32° 01'.71 S	115° 45'.76 E

Aus 113 (inset, Inner Harbour) [505/2016]

Delete	plan, INNER HARBOUR	32° 02'.5 S	115° 45'.1 E
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Aus 117 [505/2016]

Substitute	port lateral pillar light buoy, <i>Fl.R.4s</i> , with topmark for light beacon	32° 03'.23 S	115° 43'.97 E
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647* AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Gio Batta Patch - Light buoy

Southern Ports Authority - Port of Albany Notice 1/2016 (SIRF2016004494)

Aus 109 [642/2016]

Insert	west cardinal pillar light buoy, VQ(9)10s, with topmark	35° 02'.88 S	117° 59'.53 E
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Aus 110 [594/2016]

Insert	west cardinal pillar light buoy, VQ(9)10s, with topmark	35° 02'.88 S	117° 59'.53 E
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Aus 118 [594/2016]

Insert	west cardinal pillar light buoy, VQ(9)10s, with topmark	35° 02'.88 S	117° 59'.53 E
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648* AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Platform northwestwards

Former Notice - 482(T)/2016 is cancelled

Woodside Energy Ltd (SIRF2016004826)

Aus 328 [392/2016]

Insert	lit platform, Mo(U)15s	20° 03'.55 S	115° 11'.55 E
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Delete	FPSO with legend Armada Claire and light	20° 03'.6 S	115° 11'.6 E
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Aus 4723 (INT 723) [549/2016]

Insert	lit platform, with legend <i>Balnaves</i>	20° 03'.6 S	115° 11'.6 E
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Delete	depth, 143m and enclosing danger circle	20° 01'.9 S	115° 12'.2 E
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649* AUSTRALIA - WESTERN AUSTRALIA - Oyster Harbour - Light beacons

Australian Hydrographic Service (AA491675, AA491694, AA491695), Department of Transport WA (SIRF2016004696)

Aus 110 [647/2016]

Substitute	north cardinal light beacon, Q, with topmark for beacon	34° 59'.31 S	117° 57'.92 E
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Amend	light beacon to Fl(2)R.5s	34° 59'.90 S	117° 56'.93 E
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Move	light buoy	35° 00'.561 S	117° 57'.123 E
	to	35° 00'.609 S	117° 57'.058 E

Aus 110 (inset, Oyster Harbour) [647/2016]

Substitute	north cardinal light beacon, Q, with topmark for beacon	34° 59'.31 S	117° 57'.92 E
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Amend	light beacon to Fl.G.4s	34° 57'.52 S	117° 56'.89 E
	light beacon to Fl.R.4s	34° 57'.54 S	117° 56'.91 E
	light beacon to Fl(2)R.5s	34° 59'.90 S	117° 56'.93 E

650* AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Thomson Bay - Light buoy

Department of Transport WA (SIRF2016004692, SIRF2016004871)

Aus 112 [646/2016]

Insert	isolated danger spar light buoy, Fl(2)8s, with topmark	31° 59'.453 S	115° 32'.733 E
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651* AUSTRALIA - SOUTH AUSTRALIA - Tumby Bay - Light

Department of Planning, Transport and Infrastructure SA (SIRF2016004842)

Aus 485 [595/2016]

Amend	light to Fl.4s 3M	34° 22'.7 S	136° 06'.4 E
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Aus 777 [1245/2015]

Amend	light to Fl.4s 3M	34° 22'.7 S	136° 06'.4 E
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Delete	light sectors with legends, emanating from light	34° 22'.7 S	136° 06'.4 E
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652* AUSTRALIA - VICTORIA - Port Phillip - Geelong - Light beacons

Parks Victoria Notice 145/2016 (SIRF2016004438)

Aus 153 [396/2016]

Insert	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 08'.465 S	144° 21'.882 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 08'.495 S	144° 23'.135 E
Substitute	special light beacon, <i>Fl. Y.5s</i> , with topmark for light buoy	38° 07'.15 S	144° 21'.75 E

653(T)/2016 AUSTRALIA - NEW SOUTH WALES - Green Cape - Light buoy off station eastwards
 Manly Hydraulics Laboratory (SIRF2016004944)

The special light buoy, *Fl(5)Y.20s* (37° 15'.94 S 150° 11'.62 E), is off station.

Chart temporarily affected - Aus 806

654(T)/2016 AUSTRALIA - NEW SOUTH WALES - Newcastle - Live firing completed
Former Notice - 602(T)/2016 is cancelled
 Department of Defence (SIRF2016004796)

Cancel this notice on receipt.

Chart formerly affected - Aus 489 - Aus 809 - Aus 810 - Aus 4643 (INT 643) - AX 00809S

655(T)/2016 AUSTRALIA - NEW SOUTH WALES - Pittwater - Taylors Point - Light beacon restored
Former Notice - 563(T)/2016 is cancelled
 NSW Roads and Maritime Services (SIRF2016004666)

Cancel this notice on receipt.

Chart formerly affected - Aus 204 - Aus 215

656(T)/2016 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Munganno Point - Berth damaged
 Port Authority of New South Wales Notice PA0616 (SIRF2016004991)

The Wood Chip Berth (37° 06'.08 S 149° 55'.62 E) has been damaged and a number of submerged structures may be present.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 192

657(T)/2016 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Whale Spit - Light buoy withdrawn
 Port Authority of New South Wales Notice PA0316 (SIRF2016004988)

The east cardinal light buoy (37° 05'.57 S 149° 54'.00 E) has been temporarily withdrawn.

Chart temporarily affected - Aus 192

658(T)/2016 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Murrumbulga Point - Light unlit
 Port Authority of New South Wales Notice PA0416 (SIRF2016004989, SIRF2016005054)

The light, *Oc.RG.3s 6m 5M* (37° 04'.71 S 149° 53'.03 E), is unlit.

Chart temporarily affected - Aus 192

659(T)/2016 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instruments
Date - Until 31 January 2017
 Maritime Safety Queensland Notices 287, 288(T)/2016 (SIRF2016004930, SIRF2016004924)

Subsurface scientific instruments exist in the following positions:

19° 54'.28 S 148° 08'.51 E
 19° 50'.66 S 148° 00'.46 E
 19° 53'.53 S 147° 56'.21 E
 19° 50'.50 S 147° 54'.35 E
 19° 44'.15 S 148° 21'.56 E
 19° 52'.30 S 148° 06'.29 E.

Chart temporarily affected - Aus 255 - Aus 268 - Aus 825 - Aus 826

660(T)/2016 AUSTRALIA - QUEENSLAND - Cape Upstart - Light buoy unlit
 Maritime Safety Queensland Notice 289(T)/2016 (SIRF2016004922)

The west cardinal light buoy, Q(9)15s (19° 43'.07 S 147° 45'.25 E), is unlit.

Chart temporarily affected - Aus 826

661(T)/2016 AUSTRALIA - QUEENSLAND - Fitzroy River - South Channel - Scientific instrument
 Maritime Safety Queensland Notice 285(T)/2016 (SIRF2016004932)

A special buoy exists in position 23° 30'.23 S 150° 45'.33 E.

Chart temporarily affected - Aus 819

662(T)/2016 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point - Harbour works completed
Former Notice - 206(T)/2016 is cancelled
 Maritime Safety Queensland (AA841968)

Cancel this notice on receipt.

Chart formerly affected - Aus 244 - Aus 245

663(T)/2016 AUSTRALIA - QUEENSLAND - Gold Coast - The Broadwater - Wreck
 Maritime Safety Queensland Notice 300(T)/2016 (SIRF2016005023)

A wreck exists in position 27° 57'.88 S 153° 25'.42 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

664(T)/2016 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Mary River - Heath Reach - Scientific instrument
 Maritime Safety Queensland Notice 286(T)/2016 (SIRF2016004931)

A special buoy exists in position 25° 30'.10 S 152° 47'.22 E.

Chart temporarily affected - Aus 241

665(T)/2016 AUSTRALIA - QUEENSLAND - Hay Point - Light unlit
 Maritime Safety Queensland Notice 302(T)/2016 (SIRF2016005064)

The light, *Dir.Iso.WRG.4s 11m* (21° 17'.33 S 149° 17'.94 E), is unlit.

Chart temporarily affected - Aus 249 - Aus 250 - Aus 823

666(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly Boat Harbour - Shoaling
 Maritime Safety Queensland Notice 301(T)/2016 (SIRF2016005067)

Shoaling, with a least depth of *1.8m*, exists within the entrance to Manly Boat Harbour (27° 27'.13 S 153° 11'.51 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

667(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - South Brisbane Reach - Survey operations; drilling operations completed

Former Notice - 297(T)/2016 is cancelled
Maritime Safety Queensland (AA841968)

Cancel this notice on receipt.

Chart formerly affected - Aus 238

668(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - North West Channel - Shoaling

Former Notice - 1157(T)/2015 is cancelled
Maritime Safety Queensland (AA841968)

Cancel this notice on receipt.

Chart formerly affected - Aus 235

669(T)/2016 AUSTRALIA - QUEENSLAND - Palm Beach - Scientific instruments recovered

Former Notice - 298(T)/2016 is cancelled
Maritime Safety Queensland (AA841968)

Cancel this notice on receipt.

Chart formerly affected - Aus 814

670(T)/2016 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Dredging operations

Date - Until 30 September 2016
Maritime Safety Queensland Notice 306(T)/2016 (SIRF2016005158)

The dredge *Darwin* is conducting dredging operations in the harbour (23° 09'.65 S 150° 47'.30 E).

The dredge will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 247

671(T)/2016 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed

Former Notice - 468(T)/2016 is cancelled
Maritime Safety Queensland Notice 95(T)/2016 (SIRF2016003650)

Cancel this notice on receipt.

Chart formerly affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 820 - Aus 822

672(T)/2016 AUSTRALIA - QUEENSLAND - Townsville - Light buoys withdrawn

Maritime Safety Queensland Notice 291(T)/2016 (SIRF2016004920)

The special light buoys, *Fl.Y.4s*, in positions 19° 14'.58 S 146° 50'.37 E and 19° 14'.61 S 146° 50'.35 E have been temporarily withdrawn.

Chart temporarily affected - Aus 257

673(T)/2016 PAPUA NEW GUINEA - Rothery Passage - Light beacon relit

Former Notice - 82(T)/2016 is cancelled
National Maritime Safety Authority PNG Notice 25/2016 (SIRF2016004756)

Cancel this notice on receipt.

Chart formerly affected - Aus 506 - Aus 4604 (INT 604) - Aus 4620 (INT 620) - Aus 4621 (INT 621) - AX 04604U - AX 04620U - AX 04621S - AX 04621U

674(T)/2016 AUSTRALIA - TORRES STRAIT - Booby Island - Light obscured

Australian Maritime Safety Authority (SIRF2016004896)

The light, *Fl. 10s 37m 20M* (10° 36'.25 S 141° 54.68 E), is partially obscured to the southeast.

Chart temporarily affected - Aus 294 - Aus 296 - Aus 301 - Aus 700 - Aus 4060 (INT 60) - Aus 4603 (INT 603) - Aus 4620 (INT 620) - Aus 4720 (INT 720)

675(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - Cullen Bay - Light restored

Former Notice - 145(T)/2015 is cancelled

Department of Transport NT (SIRF2016004625)

Cancel this notice on receipt.

Chart formerly affected - Aus 24

676(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - Fishermans Wharf - Light unlit

Department of Transport NT Notice 65(T)/2016 (SIRF2016004857)

The light, *F.Bu* (12° 27'.56 S 130° 51'.06 E), is unlit.

Chart temporarily affected - Aus 24 - Aus 26 - Aus 28

677(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - Navajds relit

Former Notice - 573(T)/2016 is cancelled

Department of Transport NT Notice 66(T)/2016 (SIRF2016004936)

Cancel this notice on receipt.

Chart formerly affected - Aus 24 - Aus 26 - Aus 28

678(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - Channel Rock - Light buoy restored

Former Notice - 609(T)/2016 is cancelled

Department of Transport NT Notice 66(T)/2016 (SIRF2016004936)

Cancel this notice on receipt.

Chart formerly affected - Aus 26

679(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Harbour works

Former Notice - 412(T)/2016 is cancelled

Department of Transport NT Notice 67(T)/2016 (SIRF2016004942)

Harbour works are in progress in the vicinity of position 12° 29'.32 S 130° 54'.10 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 28

680(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Town Point - Light buoy relit

Former Notice - 1385(T)/2015 is cancelled

Chevron Australia Pty Ltd Notice 7/2016 (SIRF2016004661)

Cancel this notice on receipt.

Chart formerly affected - Aus 62 - Aus 65 - Aus 66

681(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards*Former Notice* - 518(T)/2016 is cancelledMODU *Jack Bates* (SIRF2016005062), Australian Maritime Safety Authority Auscoast Warning 166/2016 (SIRF2016005063)

Cancel this notice on receipt.

Chart formerly affected - Aus 319 - Aus 320 - Aus 4721 (INT 721) - Aus 4722 (INT 722)**682(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Bass Pass - Light buoy unreliable**

Department of Transport WA Notice 31/2016 (SIRF2016004578)

The west cardinal light buoy, *Q(9)15s No60* (20° 27'.44 S 117° 27'.20 E), is unreliable.**Chart temporarily affected - Aus 55 - Aus 740****683(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Mooring buoys eastwards**

Viking Seatech (SIRF2016005107)

12 yellow mooring buoys, *Fl.3s*, exist within 1NM radius of 19° 48'.76 S 115° 17'.82 E.**Chart temporarily affected - Aus 328****684(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drill rig southeastwards***Former Notice* - 581(T)/2016 is cancelledAustralian Maritime Safety Authority Auscoast Warning 169/2016 (SIRF2016005159), MODU *Atwood Osprey* (SIRF2016005165)Drill rig *Atwood Osprey* is conducting drilling operations in position 19° 56'.68 S 115° 19'.48 E.**Chart temporarily affected - Aus 328 - Aus 4723 (INT 723)****685(T)/2016 AUSTRALIA - BASS STRAIT - Cable operations completed***Former Notice* - 624(T)/2016 is cancelled

Alda Marine (SIRF2016005075), Australian Maritime Safety Authority (SIRF2016005065)

Cancel this notice on receipt.

Chart formerly affected - Aus 487 - Aus 4644 (INT 644)**686(T)/2016 AUSTRALIA - TASMANIA - Devonport - Depths unreliable; obstructions; nav aids off station; nav aids destroyed**

Marine and Safety Tasmania Notice M78/2016, M89/2016, M92/2016 (SIRF2016004949, SIRF2016005058, SIRF2016005060)

Due to recent flooding in the Port of Devonport, depths may vary to those charted, floating and submerged obstructions may exist and nav aids may be off station or destroyed.

The port lateral light beacon, *Fl.R.1.5s* (41° 11'.17 S 146° 21'.94 E), has been destroyed; a special light buoy, *Fl.Y.5s*, exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 164**687(T)/2016 AUSTRALIA - TASMANIA - Hobart - Sullivans Cove - Harbour works completed***Former Notice* - 1402(T)/2015 is cancelled

Marine and Safety Tasmania (AA871174)

Cancel this notice on receipt.

Chart formerly affected - Aus 172

688(T)/2016 AUSTRALIA - TASMANIA - Huon River - Hospital Bay - Wreck salvaged

Former Notice - 626(T)/2016 is cancelled
 Marine and Safety Tasmania (AA871174)

Cancel this notice on receipt.

Chart formerly affected - Aus 174**689(T)/2016 AUSTRALIA - TASMANIA - Low Head - Wreck**

Marine and Safety Tasmania Notice M87/2016 (SIRF2016005022)

A wreck exists in the vicinity of position 41° 03'.24 S 146° 47'.39 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 167**690(T)/2016 AUSTRALIA - TASMANIA - Marion Narrows - Buoy off station**

Marine and Safety Tasmania Notice M83/2016 (SIRF2016004973)

The port lateral buoy (42° 50'.43 S 147° 53'.54 E) is off station.

Chart temporarily affected - Aus 169 - Aus 171**691(T)/2016 AUSTRALIA - TASMANIA - River Tamar - Loch Lea - Light beacon damaged**

Marine and Safety Tasmania Notice M85/2016 (SIRF2016005016)

The port lateral light beacon, *Fl.R.3s 3M No22* (41° 20'.64 S 147° 01'.97 E), is damaged and unlit.

Chart temporarily affected - Aus 168

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
WESTERN AUSTRALIA – Camden Sound	Depths	HMAS <i>Leeuwin</i>	

III

NAVIGATION WARNINGS

The Australian Hydrographic Service will no longer compile Section III of the Australian Notices to Mariners. For the most up to date navigation warnings please refer to:

AMSA Navigation Warnings

<http://amsa.gov.au/search-and-rescue/distress-and-safety-comms/msi/msi-email/index.asp>

New Zealand Notices to Mariners (Navarea XIV warnings)

<http://www.linz.govt.nz/sea/maritime-safety/notices-mariners>

There are no Blocks in Edition 12 of 2016

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