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Edition 5

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

AUSTRALIAN NOTICES TO MARINERS

Notices 279 - 328



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.
- II. Hydrographic Reports.
- III. Navigational Warnings.

SUPPLEMENTS.

- I. Tracings
- II. Cumulative List of Australian Notices to Mariners.
- III. Cumulative List of Temporary and Preliminary Australian Notices to Mariners.
- 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 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.

NUMERICAL INDEX OF NOTICES TO MARINERS

Edition No 5

Notices	Aus Chart, INT Chart, ENC Cell, AHP, BA Pubs
279	Aus 376
280	Navigation Warnings and Supplement V
281	Aus 193, 194, 195, 197, 201, 209, 220, 221, 222, 489, 806, 807, 808, 809, 810, 811, 812, 813
282	Aus 827, 828, 4620, INT 620
283	Aus 256, 827
284	Aus 834, 835, 836
285	Aus 230, 814
286	Aus 252, 825
287	Aus 270, 832, 833
288	Aus 386, 387, 391, 392, 396, 398, 546, 547, 548, 651, 662, 663, 664, 673, 678
289	Aus 40, 41, 112, 318, 319, 322, 327, 328, 334, 742, 744, 753, 754, 4725, INT 725
290	Aus 57, 58
291	Aus 157
292	Aus 171, 172, 796
293(T)	Aus 268
294(T)	Aus 831, AXA 0830T
295(T)	Aus 256
296(T)	Aus 235
297(T)	Aus 238
298(T)	Aus 814
299(T)	Aus 252, 253
300(T)	Aus 4
301(T)	Aus 252, 253, 824
302(T)	Aus 4602, 4635, 4643, INT 602, 635, 643
303(T)	Aus 490, 612
304(T)	Aus 309, 722, AX 00309S, 00309T, 00309U, 00722T
305(T)	Aus 309, 310, 722, AX 00309S, 00309T, 00309U, 00310U, 00722T
306(T)	Aus 314, 319, 4721, 4722, INT 721, 722, AX 00314U, 00319S, 00319U, 04721U, 04722U
307(T)	Aus 309, 314, 315, 316, 318, 319, 724, 727, 728, 4721, 4722, INT 721, 722
308(T)	Aus 66
309(T)	Aus 328
310(T)	Aus 61, 62, 327, 328, 329, 742, 4723, 4725, INT 723, 725
311(T)	Aus 61, 62, 65, 66, 67, 327, 328, 329, 742, 743, 4723, 4725, INT 723, 725
312(T)	Aus 319, 320, 4721, 4722, INT 721, 722
313(T)	Aus 119
314(T)	Aus 328, 4723, INT 723
315(T)	Aus 113
316(T)	Aus 81
317(T)	Aus 327, 4722, 4723, INT 722, 723, AX 04722U, 04723U
318(T)	Aus 328
319(T)	Aus 328, 329, 4723, 4725, INT 723, 725
320(T)	Aus 52, 54
321(T)	Aus 326, 4722, 4723, INT 722, 723, AX 04722U, 04723U
322(T)	Aus 122
323(T)	Aus 135
324(T)	Aus 182
325(T)	Aus 143, 144, 158
326(T)	Aus 181
327(T)	Aus 357, 487
328(T)	Aus 357, AX 00357S

NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 5

Aus Chart	Notices
Aus 4	300(T)
Aus 40	289
Aus 41	289
Aus 52	320(T)
Aus 54	320(T)
Aus 57	290
Aus 58	290
Aus 61	310(T), 311(T)
Aus 62	310(T), 311(T)
Aus 65	311(T)
Aus 66	308(T), 311(T)
Aus 67	311(T)
Aus 81	316(T)
Aus 112	289
Aus 113	315(T)
Aus 119	313(T)
Aus 122	322(T)
Aus 135	323(T)
Aus 143	325(T)
Aus 144	325(T)
Aus 157	291
Aus 158	325(T)
Aus 171	292
Aus 172	292
Aus 181	326(T)
Aus 182	324(T)
Aus 193	281
Aus 194	281
Aus 195	281
Aus 197	281
Aus 201	281
Aus 209	281
Aus 220	281
Aus 221	281
Aus 222	281
Aus 230	285
Aus 235	296(T)
Aus 238	297(T)
Aus 252	286, 299(T), 301(T)
Aus 253	299(T), 301(T)
Aus 256	283, 295(T)
Aus 268	293(T)
Aus 270	287
Aus 309	304(T), 305(T), 307(T)
Aus 310	305(T)
Aus 314	306(T), 307(T)
Aus 315	307(T)
Aus 316	307(T)
Aus 318	289, 307(T)
Aus 319	289, 306(T), 307(T), 312(T)
Aus 320	312(T)
Aus 322	289
Aus 326	321(T)
Aus 327	289, 310(T), 311(T), 317(T)

Aus Chart	Notices
Aus 328	289, 309(T), 310(T), 311(T), 314(T), 318(T), 319(T)
Aus 329	310(T), 311(T), 319(T)
Aus 334	289
Aus 357	327(T), 328(T)
Aus 376	279
Aus 386	288
Aus 387	288
Aus 391	288
Aus 392	288
Aus 396	288
Aus 398	288
Aus 487	327(T)
Aus 489	281
Aus 490	303(T)
Aus 546	288
Aus 547	288
Aus 548	288
Aus 612	303(T)
Aus 651	288
Aus 662	288
Aus 663	288
Aus 664	288
Aus 673	288
Aus 678	288
Aus 722	304(T), 305(T)
Aus 724	307(T)
Aus 727	307(T)
Aus 728	307(T)
Aus 742	289, 310(T), 311(T)
Aus 743	311(T)
Aus 744	289
Aus 753	289
Aus 754	289
Aus 796	292
Aus 806	281
Aus 807	281
Aus 808	281
Aus 809	281
Aus 810	281
Aus 811	281
Aus 812	281
Aus 813	281
Aus 814	285, 298(T)
Aus 824	301(T)
Aus 825	286
Aus 827	282, 283
Aus 828	282
Aus 831	294(T)
Aus 832	287
Aus 833	287
Aus 834	284
Aus 835	284
Aus 836	284
Aus 4602	302(T)

Aus Chart	Notices
Aus 4620	282
Aus 4635	302(T)
Aus 4643	302(T)
Aus 4721	306(T), 307(T), 312(T)
Aus 4722	306(T), 307(T), 312(T), 317(T), 321(T)
Aus 4723	310(T), 311(T), 314(T), 317(T), 319(T), 321(T)
Aus 4725	289, 310(T), 311(T), 319(T)
AX 00309U	304(T), 305(T)
AX 00309S	304(T), 305(T)
AX 00309T	304(T), 305(T)
AX 00310U	305(T)
AX 00314U	306(T)
AX 00319S	306(T)
AX 00319U	306(T)
AX 00357S	328(T)
AX 00722T	304(T), 305(T)
AX 04721U	306(T)
AX 04722U	306(T), 317(T), 321(T)
AX 04723U	317(T), 321(T)
AXA 0830T	294(T)

INT Chart	Notices
INT 602	302(T)
INT 620	282
INT 635	302(T)
INT 643	302(T)
INT 721	306(T), 307(T), 312(T)
INT 722	306(T), 307(T), 312(T), 317(T), 321(T)
INT 723	310(T), 311(T), 314(T), 317(T), 319(T), 321(T)
INT 725	289, 310(T), 311(T), 319(T)

279 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts

Australian Hydrographic Service (AA846192)

New Charts

Chart	Title and Geographical limits	Scale	Publication Date	Remarks
NIL				

New Electronic Navigation Chart (Aus ENC)

Cell Name	Title	Publication Date	Remarks
NIL			

New Editions and Withdrawn Charts

Chart	Title	Scale	Publication Date	Remarks
Aus 376 Edition 2	Australia - Papua New Guinea - Torres Strait	1:300 000	31 March 2006	Aus 376 is withdrawn without replacement.

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.

280 Navigation Warnings and Supplement V

Australian Hydrographic Service (AA862952)

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>

The Australian Hydrographic Service will no longer be re-publishing the UKHO Notices to Mariners as a supplement to the fortnightly Notice to Mariners Edition. For information regarding these publications please refer to:

<http://www.ukho.gov.uk/ProductsandServices/MaritimeSafety/Pages/NMPublic.aspx>

281* AUSTRALIA - NEW SOUTH WALES - Montague Island to Point Danger - Chart notes

Australian Hydrographic Service (AA846487, AA851812)

Aus 193 [115/2016]		
Substitute	accompanying MEA note	35° 06'.4 S 150° 40'.4 E
Aus 194 [995/2014]		
Substitute	accompanying UXO note	34° 26'.8 S 150° 53'.6 E
Aus 195 [114/2016]		
Substitute	accompanying UXO note	34° 20'.4 S 150° 54'.5 E
Aus 197 [1135/2015]		
Insert	accompanying HWWPZ note	33° 28'.0 S 151° 12'.5 E
Substitute	accompanying MEA note	33° 26'.1 S 151° 09'.5 E
	accompanying UXO note	33° 26'.8 S 151° 12'.5 E
Aus 201 [1097/2015]		
Substitute	accompanying UXO note	33° 52'.27 S 151° 16'.60 E
	accompanying DA note	33° 52'.3 S 151° 16'.0 E
Aus 209 [1281/2015]		
Substitute	accompanying MEA note	32° 45'.8 S 152° 04'.6 E
Aus 220 (plan, Evans Head) [232/2016]		
Substitute	accompanying MEA note	29° 06'.6 S 153° 25'.9 E
Aus 221 [232/2016]		
Substitute	accompanying MEA note	29° 55'.3 S 153° 11'.0 E
Aus 222 [232/2016]		
Substitute	accompanying MEA note	29° 23'.7 S 153° 15'.1 E
Aus 489 [462/2015]		
Insert	accompanying HWWPZ note	33° 40'.0 S 150° 50'.0 E
Substitute	accompanying MEA note	33° 04'.0 S 151° 09'.0 E
Aus 806 [948/2014]		
Insert	accompanying HWWPZ note	36° 44'.5 S 149° 52'.5 E
Aus 807 [1208/2014]		
Insert	accompanying HWWPZ note	35° 08'.5 S 150° 23'.0 E
Substitute	accompanying MEA note	35° 09'.4 S 150° 17'.5 E
Aus 808 [773/2015]		
Substitute	accompanying MEA note	33° 59'.3 S 150° 49'.0 E
Aus 809 [1180/2015]		
Insert	accompanying HWWPZ note	33° 07'.0 S 151° 26'.5 E
Substitute	accompanying MEA note	32° 58'.8 S 151° 24'.5 E
	accompanying UXO note	33° 02'.5 S 151° 19'.0 E
Aus 810 [1180/2015]		
Substitute	accompanying MEA note	31° 58'.8 S 152° 15'.0 E
Aus 811 [233/2016]		
Substitute	accompanying MEA note	30° 50'.5 S 152° 40'.0 E
Aus 812 [770/2015]		
Substitute	accompanying MEA note	29° 34'.0 S 152° 57'.5 E
Aus 813 [178/2016]		
Substitute	accompanying MEA note	28° 19'.3 S 153° 21'.5 E

282* AUSTRALIA - QUEENSLAND - Albino Rock - Light
 Australian Maritime Safety Authority Final ATH 7/2016 (SIRF2016003442)

Aus 827 [234/2016]			
Amend	light range to 15M	18° 46'.3 S	146° 43'.1 E
Aus 828 [234/2016]			
Amend	light range to 15M	18° 46'.3 S	146° 43'.1 E
Aus 4620 (INT 620) [182/2016]			
Amend	light range to 15M	18° 46'.3 S	146° 43'.1 E

283* AUSTRALIA - QUEENSLAND - Cape Cleveland - Wreck
 Former Notice - 559(T)/2013 is cancelled
 Maritime Safety Queensland (SIRF2016003157)

Aus 256 [713/2015]			
Insert	out of position depth, 8m, enclosed by danger circle with legend, Wk	19° 10'.51 S	146° 59'.80 E
Aus 827 [282/2016]			
Insert	depth, 8m, enclosed by danger circle with legend, Wk	19° 10'.51 S	146° 59'.80 E
Delete	depth, 11m	19° 10'.4 S	146° 59'.8 E

284* AUSTRALIA - QUEENSLAND - Eel Reef - Light
 Australian Maritime Safety Authority Final ATH 8/2016 (SIRF2016003475)

Aus 834 [234/2016]			
Amend	light range to 11M	12° 24'.5 S	143° 22'.3 E
Aus 835 [234/2016]			
Amend	light range to 11M	12° 24'.5 S	143° 22'.3 E
Aus 836 [234/2016]			
Amend	light range to 11M	12° 24'.5 S	143° 22'.3 E

285* AUSTRALIA - QUEENSLAND - Gold Coast - Light buoy
 Maritime Safety Queensland Notice 66/2016 (SIRF2016003338)

Aus 230 [238/2016]			
Move	light buoy to	27° 57'.98 S 27° 57'.838 S	153° 26'.53 E 153° 26'.488 E
Aus 814 [237/2016]			
Move	light buoy to	27° 57'.98 S 27° 57'.84 S	153° 26'.53 E 153° 26'.49 E

286* AUSTRALIA - QUEENSLAND - Hook Island - Pinnacle Point - Light
 Australian Maritime Safety Authority Final ATH 6/2016 (SIRF2016003405)

Aus 252 [123/2016]			
Amend	light range to 11M	20° 03'.7 S	148° 57'.9 E
Aus 825 [182/2016]			
Amend	light range to 11M	20° 03'.7 S	148° 57'.9 E

287* AUSTRALIA - QUEENSLAND - Miles Reef - Light
 Australian Maritime Safety Authority Final ATH 14/2016 (SIRF2016003496)

Aus 270 (plan, Howick Group) [120/2016]

Amend	light range to 11M	14° 32'.23 S	144° 55'.07 E
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Aus 832 [234/2016]

Amend	light range to 11M	14° 32'.2 S	144° 55'.1 E
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Aus 833 [234/2016]

Amend	light range to 11M	14° 32'.2 S	144° 55'.1 E
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288* PAPUA NEW GUINEA - Tulun Islands to Wewak - Chart notes
 Australian Hydrographic Service (AA851812)

Aus 386 [1182/2015]

Substitute	accompanying RASD note	5° 49'.0 S	149° 06'.0 E
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Aus 387 [1182/2015]

Substitute	accompanying RASD note	6° 15'.0 S	145° 47'.0 E
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Aus 391 [136/2013]

Substitute	accompanying RASD note	3° 27'.0 S	145° 58'.0 E
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Aus 392 [193/2011]

Substitute	accompanying RASD note	2° 59'.0 S	148° 24'.0 E
	accompanying FMA note	2° 55'.0 S	148° 24'.0 E

Aus 396 [323/2014]

Substitute	accompanying RASD note	6° 03'.0 S	150° 00'.0 E
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Aus 398 [1300/2010]

Substitute	accompanying RASD note	3° 32'.0 S	155° 26'.0 E
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Aus 546 [38/2016]

Substitute	accompanying RASD note	5° 28'.0 S	151° 39'.5 E
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Aus 547 [NC 14/3/2014]

Substitute	accompanying RASD note	5° 36'.5 S	149° 45'.0 E
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Aus 548 [140/2011]

Substitute	accompanying RASD note	5° 37'.0 S	149° 37'.0 E
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Aus 651 [722/2015]

Substitute	accompanying RASD note	3° 32'.8 S	143° 28'.0 E
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Aus 662 [136/2013]

Substitute	accompanying RASD note	2° 02'.9 S	147° 14'.0 E
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Aus 663 [NC 25/2/2011]

Substitute	accompanying RASD note	1° 28'.0 S	144° 56'.8 E
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Aus 664 [NC 11/2/2011]

Substitute	accompanying RASD note	2° 34'.7 S	147° 35'.3 E
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Aus 673 [1182/2015]

Substitute	accompanying RASD note	5° 37'.5 S	148° 25'.0 E
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Aus 678 [1350/2015]

Substitute	accompanying RASD note	4° 40'.7 S	149° 26'.7 E
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289* AUSTRALIA - WESTERN AUSTRALIA - Ashmore Reef to Yatala Channel - Chart notes

Australian Hydrographic Service (AA851812)

Aus 40 [976/2012]		
Substitute	accompanying UXO note	16° 11'.0 S 123° 43'.5 E
Aus 41 (plan, Cockatoo Island) [324/2014]		
Substitute	accompanying UXO note	16° 05'.74 S 123° 37'.20 E
Aus 112 [1357/2015]		
Substitute	accompanying UXO note	31° 57'.2 S 115° 48'.5 E
	accompanying MEA note	31° 57'.2 S 115° 47'.0 E
Aus 318 [1290/2015]		
Substitute	accompanying UXO note	14° 51'.5 S 126° 57'.0 E
	accompanying MEA note	14° 45'.0 S 127° 08'.0 E
Aus 319 [242/2016]		
Substitute	accompanying UXO note	13° 18'.5 S 123° 22'.0 E
Aus 322 [776/2015]		
Substitute	accompanying UXO note	12° 59'.5 S 121° 26'.0 E
Aus 327 [1292/2015]		
Substitute	accompanying UXO note	21° 16'.0 S 117° 03'.0 E
	accompanying MEA note	21° 13'.5 S 117° 03'.0 E
Aus 328 [246/2016]		
Substitute	accompanying UXO note	21° 56'.5 S 114° 44'.0 E
	accompanying MEA note	21° 54'.5 S 114° 54'.0 E
Aus 334 [926/2015]		
Substitute	accompanying UXO note	31° 30'.0 S 115° 55'.0 E
	accompanying MEA note	31° 23'.0 S 115° 55'.0 E
Aus 742 [1359/2015]		
Substitute	accompanying UXO note	20° 54'.2 S 116° 24'.0 E
	accompanying MEA note	20° 55'.5 S 116° 19'.0 E
Aus 744 [1053/2015]		
Substitute	accompanying UXO note	22° 05'.3 S 114° 55'.8 E
	accompanying MEA note	22° 02'.6 S 114° 56'.0 E
Aus 753 [734/2015]		
Substitute	accompanying MEA note	29° 59'.5 S 115° 17'.5 E
Aus 754 [732/2015]		
Substitute	accompanying UXO note	31° 13'.5 S 115° 41'.0 E
	accompanying MEA note	31° 10'.5 S 115° 47'.0 E
Aus 4725 (INT 725) [1355/2015]		
Substitute	accompanying UXO note	25° 20'.0 S 114° 35'.0 E

290* AUSTRALIA - WESTERN AUSTRALIA - Dampier - Anchorages*Former Notice - 495(T)/2015 is cancelled*

Pilbara Ports Authority Notice D6/2016 (SIRF2016003416)

Aus 57 [129/2016]		
Delete	anchorage, centred on	20° 17'.5 S 116° 46'.2 E
	anchorage, centred on	20° 17'.5 S 116° 47'.5 E
	anchorage, centred on	20° 18'.8 S 116° 46'.3 E
	anchorage, centred on	20° 18'.8 S 116° 47'.5 E
Aus 58 [129/2016]		
Delete	anchorage, centred on	20° 18'.8 S 116° 46'.3 E
	anchorage, centred on	20° 18'.8 S 116° 47'.5 E

291* AUSTRALIA - VICTORIA - Point Wilson - Buoy
 Australian Hydrographic Service (AA334335)

Aus 157 [249/2016]

Insert	starboard lateral conical buoy, without topmark	38° 05'.69 S	144° 32'.36 E
Delete	buoy	38° 05'.65 S	144° 32'.36 E

292* AUSTRALIA - TASMANIA - River Derwent - Beltana Point - Foul ground
 Tasports (SIRF2016003434)

Aus 171 [200/2016]

Insert	#, centred on	42° 51'.07 S	147° 20'.19 E
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Aus 172 [197/2016]

Insert	#, centred on	42° 51'.072 S	147° 20'.187 E
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Aus 796 [202/2016]

Insert	#, centred on	42° 51'.07 S	147° 20'.19 E
Delete	depth, 17 ₅ m	42° 51'.0 S	147° 20'.0 E

293(T)/2016 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Obstructions charted*Former Notice* - 1210(T)/2011 is cancelled

Maritime Safety Queensland Notice 24/2016 (SIRF2016002798)

Cancel this notice on receipt.

Chart formerly affected - Aus 268**294(T)/2016 AUSTRALIA - QUEENSLAND - Cape Tribulation - Wreck salvaged***Former Notice* - 1098(T)/2013 is cancelled

Maritime Safety Queensland (SIRF2016003432)

Cancel this notice on receipt.

Chart formerly affected - Aus 831 - AXA 0830T**295(T)/2016 AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Obstruction removed***Former Notice* - 814(T)/2013 is cancelled

Maritime Safety Queensland (SIRF2016003157)

Cancel this notice on receipt.

Chart formerly affected - Aus 256**296(T)/2016 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling**

Maritime Safety Queensland Notice 84(T)/2016 (SIRF2016003503)

A shoal patch exists with a least depth of *1.2m* near the end of the eastern breakwater (26° 40'.74 S 153° 07'.95 E) extending in a westerly direction towards the centreline of the channel with a least depth of *1.8m* in position 26° 40'.75 S 153° 07'.90 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235**297(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - South Brisbane Reach - Survey operations; drilling operations***Date* - Until 8 April 2016

Maritime Safety Queensland Notice 80(T)/2016 (SIRF2016003513)

Survey and drilling operations are in progress between Goodwill Bridge (27° 28'.82 S 153° 01'.63 E) and Victoria Bridge (27° 28'.34 S 153° 01'.27 E).

Survey vessel *Survey 1*, barge *Investigator* and support vessel *Tuff Punt* are on site and will display appropriate lights and shapes and will monitor VHF Ch 13.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238**298(T)/2016 AUSTRALIA - QUEENSLAND - Palm Beach - Scientific instruments***Date* - Until 25 March 2016

Maritime Safety Queensland Notice 70(T)/2016 (SIRF2016003499)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 28° 06'.46 S 153° 28'.37 E and 28° 06'.70 S 153° 28'.82 E.

Chart temporarily affected - Aus 814

299(T)/2016 AUSTRALIA - QUEENSLAND - Shute Harbour - Wreck
 Maritime Safety Queensland Notice 91(T)/2016 (SIRF2016003567)

A wreck exists in position 20° 17'.79 S 148° 46'.81 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252 - Aus 253

300(T)/2016 AUSTRALIA - QUEENSLAND - Weipa - Humbug Point - Harbour works

Date - Until 11 November 2016

Maritime Safety Queensland Notice 72(T)/2016 (SIRF2016003509)

Harbour works are in progress at Hey Point (12° 43'.80 S 141° 53'.60 E) and Humbug Point Wharf (12° 40'.11 S 141° 51'.77 E).

An exclusion zone exists in an area bounded by the following positions:

12° 40'.10 S 141° 51'.71 E

12° 40'.14 S 141° 51'.63 E

12° 40'.00 S 141° 51'.49 E

12° 39'.91 S 141° 51'.59 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 4

301(T)/2016 AUSTRALIA - QUEENSLAND - Whitsunday Island - Frith Rock - Wreck

Former Notice - 267(T)/2016 is cancelled

Maritime Safety Queensland Notice 73(T)/2016 (SIRF2016003399)

A wreck exists in position 20° 18'.65 S 149° 04'.10 E.

Mariners are advised to navigate with caution in the area.

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

302(T)/2016 AUSTRALIA - CORAL SEA - Lord Howe Rise - Seismic survey

Date - Until 31 May 2016

Geoscience Australia (SIRF2016003367), JAMSTEC (SIRF2016003240)

On or about the 24 March RV *Kairei*, with a 6000m towed array, will be conducting a survey in the area bounded by the following positions:

28° 06'.0 S 155° 42'.0 E

28° 06'.0 S 166° 36'.0 E

26° 06'.0 S 166° 36'.0 E

26° 06'.0 S 155° 42'.0 E.

Mariners are advised to navigate with caution in the area. 5NM clearance requested.

Chart temporarily affected - Aus 4602 (INT 602) - Aus 4635 (INT 635) - Aus 4643 (INT 643)

303(T)/2016 AUSTRALIA - CORAL SEA - Saumarez Reefs - Live firing

Department of Defence (SIRF2016003369)

Military exercise area R725, an arc of 50M radius centred on 21° 52'.26 S 153° 39'.48 E commencing at 135° through to 315°, will be activated for air to surface weapon firing from 30 March to 1 April 2016 and 4 April to 8 April 2016.

Chart temporarily affected - Aus 490 - Aus 612

304(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Charles Point - Drill rig northwestwards*Former Notice* - 1071(T)/2015 is cancelledMODU *Stena Clyde* (SIRF2015001051), AMSA (SIRF2015001214)

Cancel this notice on receipt.

Chart formerly affected - Aus 309 - Aus 722 - AX 00309S - AX 00309T - AX 00309U - AX 00722T**305(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Evans Shoal - Scientific instruments eastwards recovered***Former Notice* - 848(T)/2015 is cancelled

Fugro Survey Pty Ltd (SIRF2016003547)

Cancel this notice on receipt.

Chart formerly affected - Aus 309 - Aus 310 - Aus 722 - AX 00309S - AX 00309T - AX 00309U - AX 00310U - AX 00722T**306(T)/2016 AUSTRALIA - TIMOR SEA - Osborn Passage - Seismic survey completed***Former Notice* - 1381(T)/2015 is cancelledMV *Polarcus Naila* (SIRF2016003497)

Cancel this notice on receipt.

Chart formerly affected - Aus 314 - Aus 319 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00314U - AX 00319S - AX 00319U - AX 04721U - AX 04722U**307(T)/2016 AUSTRALIA - TIMOR SEA - Cable operations**

Australian Maritime Safety Authority Auscoast Warning 38/2016 (SIRF2016003425)

Vessel *Maersk Server* is conducting submarine cable laying operations in an area bounded by the following positions:

11° 29'.0 S 124° 30'.0 E

13° 34'.0 S 124° 30'.0 E

13° 34'.0 S 129° 36'.0 E

11° 29'.0 S 129° 36'.0 E.

Mariners are advised to navigate with caution in the area. 1M clearance is requested.

Chart temporarily affected - Aus 309 - Aus 314 - Aus 315 - Aus 316 - Aus 318 - Aus 319 - Aus 724 - Aus 727 - Aus 728 - Aus 4721 (INT 721) - Aus 4722 (INT 722)**308(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Town Point - Depth information revoked***Former Notice* - 897(T)/2015 is cancelled

Australian Hydrographic Service (AA350099)

Cancel this notice on receipt.

Chart formerly affected - Aus 66**309(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline operations northwestwards completed***Former Notice* - 1258(T)/2015 is cancelled

Chevron Australia Pty Ltd (SIRF2016003376)

Cancel this notice on receipt.

Chart formerly affected - Aus 328

310(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Survey operations*Date* - Until 16 April 2016

Fugro Survey Pty Ltd (SIRF2016003285)

MV Bhagwan Dryden is conducting survey operations in the area bounded by the following positions:

20° 30'.0 S 113° 45'.0 E

20° 30'.0 S 116° 15'.0 E

19° 30'.0 S 116° 15'.0 E

19° 30'.0 S 113° 45'.0 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 61 - Aus 62 - Aus 327 - Aus 328 - Aus 329 - Aus 742 - Aus 4723 (INT 723) - Aus 4725 (INT 725)**311(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Survey operations completed***Former Notice* - 148(T)/2016 is cancelled

Fugro Survey Pty Ltd (SIRF2016003549)

Cancel this notice on receipt.

Chart formerly affected - Aus 61 - Aus 62 - Aus 65 - Aus 66 - Aus 67 - Aus 327 - Aus 328 - Aus 329 - Aus 742 - Aus 743 - Aus 4723 (INT 723) - Aus 4725 (INT 725)**312(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards***Former Notice* - 149(T)/2016 is cancelledMODU *Jack Bates* (SIRF2016003597)Drill rig *Jack Bates* is conducting drilling operations in position 13° 51'.73 S 123° 16'.37 E.**Chart temporarily affected - Aus 319 - Aus 320 - Aus 4721 (INT 721) - Aus 4722 (INT 722)****313(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Depth information revoked***Former Notice* - 555(T)/2015 is cancelled

Australian Hydrographic Service (AA350099)

Cancel this notice on receipt.

Chart formerly affected - Aus 119**314(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Drill rig**

Hess Australia (Offshore) Pty Ltd (SIRF2016003387)

Drill rig *Ocean Monarch* is conducting drilling operations in position 19° 54'.82 S 113° 40'.52 E.**Chart temporarily affected - Aus 328 - Aus 4723 (INT 723)****315(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information revoked***Former Notice* - 1057(T)/2012 is cancelled

Australian Hydrographic Service (AA350099)

Cancel this notice on receipt.

Chart formerly affected - Aus 113**316(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Depth information revoked***Former Notice* - 433(T)/2013 is cancelled

Australian Hydrographic Service (AA350099)

Cancel this notice on receipt.

Chart formerly affected - Aus 81

317(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Drill rig northwestwards moved*Former Notice* - 95(T)/2016 is cancelled

Hess Australia (Offshore) Pty Ltd (SIRF2016003387), Quadrant Energy (SIRF2016003570)

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - AX 04722U - AX 04723U**318(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Light buoys recovered***Former Notice* - 650(T)/2015 is cancelled

Quadrant Energy (SIRF2016003508)

Cancel this notice on receipt.

Chart formerly affected - Aus 328**319(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards**

Woodside Energy Ltd (SIRF2016003550)

Drill rig *Atwood Eagle* is anchored in position 21° 32'.87 S 113° 47'.89 E.**Chart temporarily affected - Aus 328 - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725)****320(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Depth information revoked***Former Notice* - 498(T)/2015 is cancelled

Australian Hydrographic Service (AA350099)

Cancel this notice on receipt.

Chart formerly affected - Aus 52 - Aus 54**321(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Drill rig northeastwards moved***Former Notice* - 103(T)/2016 is cancelled

Woodside Energy Ltd (SIRF2016003550)

Cancel this notice on receipt.

Chart formerly affected - Aus 326 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - AX 04722U - AX 04723U**322(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Thevenard - Yatala Channel - Light beacon destroyed**

Department of Planning, Transport and Infrastructure SA Notice 4/2016 (SIRF2016003397)

The port lateral light beacon, *Fl.R.2s No8* (32° 11'.07 S 133° 36'.46 E), has been destroyed; a special light buoy, *Q.Y.*, exists in situ.**Chart temporarily affected - Aus 122****323(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Light beacon destroyed**

Department of Planning, Transport and Infrastructure SA Notice 3/2016 (SIRF2016003396)

The starboard lateral light beacon, *F.G No11* (33° 02'.06 S 137° 35'.95 E) has been destroyed; a starboard lateral light buoy, *F.G.*, exists in situ.**Chart temporarily affected - Aus 135**

324(T)/2016 AUSTRALIA - VICTORIA - Lakes Entrance - Dredging operations

Former Notice - 1217(T)/2015 is cancelled

Date - Until 28 March 2016

Gippsland Ports Notice 67(T)/2016 (SIRF2016003390)

The dredge *Kalimna* is conducting dredging operations between No2 light buoy (37° 53'.05 S 147° 57'.97 E) and No6 light buoy (37° 52'.84 S 147° 57'.64 E).

A pipeline exists between the dredge and the northern coast line.

The dredge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 182

325(T)/2016 AUSTRALIA - VICTORIA - Queenscliff - Obstructions

Parks Victoria Notice 81(T)/2016 (SIRF2016003571)

Obstructions, marked by a special buoy, exist in position 38° 15'.90 S 144° 40'.55 E.

Chart temporarily affected - Aus 143 - Aus 144 - Aus 158

326(T)/2016 AUSTRALIA - VICTORIA - Shoal Inlet - Wreck

Gippsland Ports Notice 66/2016 (SIRF2016003374)

A stranded wreck exists in position 38° 40'.73 S 146° 50'.44 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 181

327(T)/2016 AUSTRALIA - BASS STRAIT - Ninety Mile Beach - Survey operations

Date - Until 31 May 2016

Maritime Safety Victoria Notice 73(T)/2016 (SIRF2016003454)

MV *Offshore Guardian* is conducting survey operations in the area bounded by the following positions:

38° 25'.9 S 147° 07'.5 E

38° 37'.0 S 148° 37'.1 E

38° 48'.4 S 148° 30'.0 E

38° 36'.0 S 147° 19'.8 E.

The vessel will display appropriate lights and shapes and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357 - Aus 487

328(T)/2016 AUSTRALIA - BASS STRAIT - Ninety Mile Beach - Inspection works completed

Former Notice - 1038(T)/2015 is cancelled

Transport Safety Victoria Notice 176(T)/2015 (SIRF2015000990)

Cancel this notice on receipt.

Chart formerly affected - Aus 357 - AX 00357S

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Spitfire Channel	Light flare		M Templeton

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>

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 193

To accompany Australian Notice to Mariners 281/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 195

To accompany Australian Notice to Mariners 281/2016

HISTORIC WRECK WITH PROTECTED ZONE

This historic shipwreck lies within a protected or no entry zone as legislated by Commonwealth or State authorities. These zones may cover an area up to a radius of 800 metres from the designated wreck location. Entry into these protected zones requires a permit. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 197

To accompany Australian Notice to Mariners 281/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 201

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 209

To accompany Australian Notice to Mariners 281/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 194

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 197

To accompany Australian Notice to Mariners 281/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 197

To accompany Australian Notice to Mariners 281/2016

DANGEROUS AREAS

Dangerous areas, due to unexploded depth charges, exist in some areas of this chart. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 201

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 220

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA
Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 221

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA
Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 489

To accompany Australian Notice to Mariners 281/2016

HISTORIC WRECK WITH PROTECTED ZONE
This historic shipwreck lies within a protected or no entry zone as legislated by Commonwealth or State authorities. These zones may cover an area up to a radius of 800 metres from the designated wreck location. Entry into these protected zones requires a permit. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 806

To accompany Australian Notice to Mariners 281/2016

HISTORIC WRECK WITH PROTECTED ZONE
This historic shipwreck lies within a protected or no entry zone as legislated by Commonwealth or State authorities. These zones may cover an area up to a radius of 800 metres from the designated wreck location. Entry into these protected zones requires a permit. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 807

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA
Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 222

To accompany Australian Notice to Mariners 281/2016

HISTORIC WRECK WITH PROTECTED ZONE
This historic shipwreck lies within a protected or no entry zone as legislated by Commonwealth or State authorities. These zones may cover an area up to a radius of 800 metres from the designated wreck location. Entry into these protected zones requires a permit. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 489

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA
Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 807

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA
Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 808

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 809

To accompany Australian Notice to Mariners 281/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 809

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 811

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 813

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 387

To accompany Australian Notice to Mariners 281/2016

HISTORIC WRECK WITH PROTECTED ZONE

This historic shipwreck lies within a protected or no entry zone as legislated by Commonwealth or State authorities. These zones may cover an area up to a radius of 800 metres from the designated wreck location. Entry into these protected zones requires a permit. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 809

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 810

To accompany Australian Notice to Mariners 281/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 812

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 386

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 391

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 392

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 396

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 546

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 548

To accompany Australian Notice to Mariners 288/2016

FORMER MINED AREA

The approaches to Kavieng have been swept and are open to surface navigation only. They are not safe for anchoring, trawling, or bottoming by submarines. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 392

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 398

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 547

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION

Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 651

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION
Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 662

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION
Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 664

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION
Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 678

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)
The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 41

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA
Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 112

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION
Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 663

To accompany Australian Notice to Mariners 288/2016

REEF AND SHOAL DELIMITATION
Where the limits of reefs and shoals have not been surveyed, the limit may have been determined from another source. These delimitations are not conclusive and dangers may exist outside the charted limits. Features considered to be reef and shoal areas are depicted by national symbology. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 673

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)
The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 40

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)
The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 112

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)
The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 318

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 318

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 322

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 327

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 328

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 334

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 742

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 319

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 327

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 328

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 334

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 742

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 744

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 744

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 754

To accompany Australian Notice to Mariners 289/2016

UNEXPLODED ORDNANCE (UXO)

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 4725

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 753

To accompany Australian Notice to Mariners 289/2016

MILITARY EXERCISE AREA

Military operations are conducted within the area of this chart. For area limits and details see Seafarers Handbook for Australian Waters AHP 20.

Note for chart Aus 754