



2 December 2016

Edition 24

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

AUSTRALIAN NOTICES TO MARINERS

Notices 1196 - 1225



*The Hydrographer and Staff of the Australian Hydrographic Service
wish all users of Australian Navigational Products a Merry Christmas,
a Happy New Year and safe, successful voyages in 2017.*



Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN
Hydrographer of Australia

SECTIONS.

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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/webapps/jsp/agents/agents-list.jsp). Copies of the notices may not be sold for profit without prior written agreement.

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1196 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts
UKHO , Australian Hydrographic Service

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 58 Edition 8	Australia - North West Coast - Western Australia - Port of Dampier	1:37 500	2 December 2016	New edition with general updating throughout; including new bathymetric data, infrastructure and nav aids. Chart Aus 58 Edition 7 dated 1 August 2014 is now superseded and must be withdrawn from use.
Aus 60 Edition 3	Australia - North West Coast - Western Australia - Port of Dampier (Southern Sheet) Inset: Kaiser Marina	1:10 000 1:10 000	2 December 2016	New edition with general updating throughout; including new bathymetric data, infrastructure and nav aids. Chart Aus 60 Edition 2 dated 1 August 2014 is now superseded and must be withdrawn from use.

Admiralty publication

NP No	Title	Date	Remarks
NP284	Admiralty List of Radio Signals. Meteorological Observation Stations.	8/12/2016	The 2015/16 Edition is cancelled.

Errata

NP285 Global Maritime Distress and Safety System (GMDSS) 2016/17

Certain copies of this publication are missing pages 363-378 and have pages 347-362 repeated instead. Please check your copy of this publication and if required contact your Chart Agent to obtain a copy of the missing pages.

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.

1197 AUSTRALIA - Products- New Charts and New Editions to be published shortly
Australian Hydrographic Service

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 836	Australia - East Coast - Queensland - Cape Weymouth to Olinda Entrance	1:150 000	16 December 2016	New edition with general updating throughout; including new bathymetric data.

1198* AUSTRALIA - QUEENSLAND - Cairns - Title block; tidal panel
Australian Hydrographic Service

Aus 263 [865/2016]				
Insert	accompanying block		16° 55'.54 S	145° 48'.30 E
Substitute	text <i>Mean High Water Springs</i> for Mean Higher High Water		16° 55'.12 S	145° 48'.16 E
Aus 264 [235/2016]				
Insert	accompanying block		16° 56'.90 S	145° 45'.80 E
Substitute	text <i>Mean High Water Springs</i> for Mean Higher High Water		16° 56'.48 S	145° 45'.69 E

1199 PAPUA NEW GUINEA - Doini Island - Depth
Australian Reef Pilots Pty Ltd

Aus 508 [385/2016]				
Insert	depth, 19m, enclosed by contour with legend <i>Rep (2016)</i>		10° 40'.99 S	150° 46'.11 E
Aus 625 [385/2016]				
Insert	depth, 19m, enclosed by contour with legend <i>Rep (2016)</i>		10° 40'.991 S	150° 46'.113 E

1200* AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Infrastructure; nav aids
Department of Transport NT Notice 79/2016

Aus 28 [641/2016]				
Insert	accompanying block		12° 29'.7 S	130° 53'.5 E

1201* AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Darwin to Port Hedland - Submarine cable; recommended track

33Below Pty Ltd , Nextgen Group Holdings Pty Ltd

Aus 24 [447/2016]

Insert submarine cable, between

12° 26'.439 S	130° 49'.907 E
12° 26'.434 S	130° 49'.600 E
12° 26'.415 S	130° 49'.259 E
12° 26'.403 S	130° 48'.865 E
12° 26'.386 S	130° 48'.686 E
12° 26'.389 S	130° 48'.591 E
12° 26'.410 S	130° 48'.518 E
12° 26'.435 S	130° 48'.280 E
12° 26'.433 S	130° 48'.100 E

Aus 25 [1142/2016]

Insert submarine cable, between

12° 26'.439 S	130° 49'.903 E
12° 26'.388 S	130° 48'.625 E
12° 26'.429 S	130° 48'.329 E
12° 26'.430 S	130° 47'.825 E
12° 26'.382 S	130° 47'.426 E
12° 26'.300 S	130° 47'.173 E
12° 26'.211 S	130° 47'.035 E
12° 26'.101 S	130° 46'.956 E
12° 25'.630 S	130° 46'.809 E
12° 25'.283 S	130° 46'.542 E
12° 25'.052 S	130° 46'.230 E
12° 24'.600 S	130° 46'.017 E
12° 24'.393 S	130° 45'.854 E
12° 24'.073 S	130° 45'.394 E
12° 23'.750 S	130° 45'.139 E
12° 22'.856 S	130° 44'.073 E
12° 22'.441 S	130° 43'.662 E
12° 21'.789 S	130° 43'.206 E
12° 20'.883 S	130° 42'.467 E
12° 20'.516 S	130° 42'.307 E
12° 20'.365 S	130° 42'.183 E
12° 19'.383 S	130° 40'.761 E
12° 18'.560 S	130° 39'.685 E
12° 17'.941 S	130° 38'.658 E
12° 16'.394 S	130° 36'.406 E
12° 16'.279 S	130° 36'.203 E

Aus 43 [626/2014]

Insert submarine cable, between

14° 16'.00 S	121° 57'.28 E
14° 15'.77 S	121° 57'.64 E
14° 13'.51 S	121° 59'.79 E
14° 10'.53 S	122° 01'.37 E
14° 02'.99 S	122° 03'.56 E
14° 02'.25 S	122° 03'.56 E
14° 01'.61 S	122° 03'.94 E
14° 00'.71 S	122° 03'.94 E
13° 59'.55 S	122° 04'.10 E
13° 58'.46 S	122° 04'.52 E
13° 57'.70 S	122° 04'.61 E
13° 57'.23 S	122° 04'.85 E
13° 56'.84 S	122° 05'.29 E
13° 56'.58 S	122° 05'.73 E
13° 56'.39 S	122° 06'.22 E
13° 56'.23 S	122° 07'.00 E
13° 57'.70 S	122° 04'.61 E
13° 56'.05 S	122° 04'.00 E
14° 02'.19 S	122° 03'.58 E
14° 01'.65 S	122° 03'.22 E
14° 01'.28 S	122° 02'.15 E

submarine cable, between

submarine cable, between

Aus 52 [1242/2015]

Insert submarine cable, between

20° 18'.378 S	118° 36'.853 E
20° 17'.694 S	118° 36'.675 E
20° 17'.550 S	118° 36'.691 E

1201*	AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Darwin to Port Hedland - Submarine cable; recommended track		20° 17'.416 S	118° 36'.758 E
			20° 16'.111 S	118° 38'.100 E
			20° 15'.646 S	118° 38'.450 E
Aus 53 [1242/2015]				
Insert	submarine cable, between		20° 18'.38 S	118° 36'.85 E
			20° 17'.69 S	118° 36'.68 E
			20° 17'.55 S	118° 36'.69 E
			20° 17'.42 S	118° 36'.76 E
			20° 16'.11 S	118° 38'.10 E
			20° 15'.45 S	118° 38'.60 E
	submarine cable, between		19° 51'.90 S	118° 36'.93 E
			19° 55'.83 S	118° 37'.17 E
			19° 56'.30 S	118° 37'.32 E
			19° 58'.45 S	118° 38'.60 E
Aus 309 [1026/2016]				
Insert	submarine cable, between		11° 26'.28 S	128° 00'.07 E
			11° 27'.97 S	128° 07'.67 E
			11° 33'.20 S	128° 25'.81 E
			11° 34'.28 S	128° 28'.05 E
			11° 35'.60 S	128° 34'.16 E
			11° 59'.22 S	129° 56'.28 E
			12° 12'.27 S	130° 27'.26 E
			12° 13'.16 S	130° 29'.88 E
			12° 14'.16 S	130° 31'.71 E
			12° 14'.27 S	130° 33'.08 E
			12° 15'.04 S	130° 33'.98 E
			12° 16'.28 S	130° 36'.20 E
			12° 20'.52 S	130° 42'.31 E
			12° 22'.59 S	130° 43'.81 E
			12° 24'.39 S	130° 45'.85 E
			12° 26'.24 S	130° 47'.06 E
			12° 26'.44 S	130° 49'.91 E
Aus 311 [1026/2016]				
Insert	submarine cable, between		11° 22'.29 S	127° 11'.00 E
			11° 22'.68 S	127° 15'.07 E
			11° 22'.50 S	127° 20'.08 E
			11° 21'.84 S	127° 21'.57 E
			11° 19'.78 S	127° 22'.72 E
			11° 18'.97 S	127° 24'.56 E
			11° 19'.12 S	127° 27'.90 E
			11° 25'.00 S	127° 54'.33 E
	depth, 98m, enclosed by contour		11° 19'.07 S	127° 25'.08 E
	contour, between		11° 20'.58 S	127° 35'.12 E
			11° 21'.54 S	127° 35'.41 E
			11° 20'.58 S	127° 35'.79 E
Delete	contour, between		11° 20'.6 S	127° 35'.1 E
			11° 20'.6 S	127° 35'.8 E
Aus 312 [1176/2016]				
Insert	submarine cable, between		11° 28'.00 S	126° 30'.89 E
			11° 20'.67 S	126° 38'.22 E
			11° 20'.95 S	126° 57'.34 E
			11° 22'.68 S	127° 15'.07 E
			11° 22'.50 S	127° 20'.08 E
			11° 22'.09 S	127° 21'.00 E
	depth, 89m, enclosed by contour		11° 21'.60 S	127° 04'.00 E
	depth, 96m, enclosed by contour		11° 22'.05 S	127° 10'.49 E
Aus 314 [387/2016]				
Insert	submarine cable, between		12° 55'.50 S	125° 03'.25 E
			12° 29'.92 S	125° 26'.21 E
			12° 07'.94 S	125° 50'.93 E
			11° 53'.88 S	126° 05'.00 E
Aus 315 [387/2016]				

1201*	AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Darwin to Port Hedland - Submarine cable; recommended track		
Insert	submarine cable, between	12° 16'.77 S	125° 41'.00 E
		12° 07'.94 S	125° 50'.93 E
		11° 20'.67 S	126° 38'.22 E
		11° 20'.95 S	126° 57'.34 E
		11° 22'.68 S	127° 15'.07 E
		11° 22'.50 S	127° 20'.08 E
		11° 21'.84 S	127° 21'.57 E
		11° 19'.78 S	127° 22'.72 E
		11° 18'.97 S	127° 24'.56 E
		11° 19'.12 S	127° 27'.90 E
		11° 27'.97 S	128° 07'.67 E
		11° 33'.20 S	128° 25'.81 E
		11° 34'.28 S	128° 28'.05 E
		11° 35'.60 S	128° 34'.16 E
		11° 39'.72 S	128° 48'.50 E
	depth, 89m, enclosed by contour	11° 21'.60 S	127° 04'.00 E
	depth, 96m, enclosed by contour	11° 22'.05 S	127° 10'.49 E
	depth, 98m, enclosed by contour	11° 19'.07 S	127° 25'.08 E
	contour, between	11° 20'.58 S	127° 35'.12 E
		11° 21'.54 S	127° 35'.41 E
		11° 20'.58 S	127° 35'.79 E
	depth, 72m, and extend contour N to enclose	11° 25'.55 S	127° 56'.19 E
Delete	contour, between	11° 20'.6 S	127° 35'.1 E
		11° 20'.6 S	127° 35'.8 E
	depth, 82m	11° 26'.5 S	127° 56'.1 E
Aus 316 [344/2016]			
Insert	submarine cable, between	12° 12'.92 S	130° 29'.16 E
		12° 13'.16 S	130° 29'.88 E
		12° 14'.16 S	130° 31'.71 E
		12° 14'.27 S	130° 33'.08 E
		12° 15'.04 S	130° 33'.98 E
		12° 16'.28 S	130° 36'.20 E
		12° 17'.58 S	130° 38'.07 E
Aus 319 [342/2016]			
Insert	submarine cable, between	13° 58'.54 S	122° 55'.00 E
		13° 59'.07 S	122° 58'.55 E
		13° 58'.54 S	123° 02'.48 E
		13° 56'.78 S	123° 05'.20 E
		13° 48'.27 S	123° 10'.25 E
		13° 46'.41 S	123° 12'.60 E
		13° 45'.49 S	123° 14'.69 E
		13° 45'.25 S	123° 17'.14 E
		13° 45'.62 S	123° 19'.46 E
		13° 46'.77 S	123° 21'.66 E
		13° 37'.50 S	124° 07'.88 E
		13° 28'.95 S	124° 31'.15 E
		13° 25'.60 S	124° 36'.46 E
		13° 14'.15 S	124° 46'.67 E
		13° 11'.88 S	124° 47'.59 E
		13° 11'.24 S	124° 49'.12 E
		12° 29'.92 S	125° 26'.21 E
		12° 10'.50 S	125° 48'.06 E
	submarine cable, between	13° 46'.51 S	123° 20'.81 E
		13° 47'.73 S	123° 20'.99 E
		13° 48'.67 S	123° 20'.11 E
	submarine cable, between	13° 58'.34 S	123° 02'.82 E
		14° 01'.53 S	123° 04'.30 E
		14° 01'.42 S	123° 09'.82 E
		13° 58'.36 S	123° 17'.91 E
Aus 320 [1178/2016]			
Insert	submarine cable, between	13° 46'.41 S	123° 20'.96 E
		13° 46'.77 S	123° 21'.66 E
		13° 46'.41 S	123° 23'.48 E
	submarine cable, between	13° 56'.89 S	122° 44'.06 E
		13° 59'.07 S	122° 58'.55 E

1201*	AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Darwin to Port Hedland - Submarine cable; recommended track	
		13° 58'.54 S 123° 02'.48 E
		13° 56'.78 S 123° 05'.20 E
		13° 48'.27 S 123° 10'.25 E
		13° 46'.41 S 123° 12'.59 E
submarine cable, between		13° 46'.51 S 123° 20'.81 E
		13° 47'.73 S 123° 20'.99 E
		13° 48'.67 S 123° 20'.11 E
submarine cable, between		13° 58'.34 S 123° 02'.82 E
		14° 01'.53 S 123° 04'.30 E
		14° 01'.42 S 123° 09'.82 E
		13° 58'.36 S 123° 17'.91 E
Aus 322 [289/2016]		
Insert	submarine cable, between	14° 27'.64 S 121° 10'.00 E
		14° 28'.91 S 121° 16'.52 E
		14° 31'.44 S 121° 19'.94 E
		14° 32'.02 S 121° 21'.99 E
		14° 33'.89 S 121° 26'.00 E
		14° 33'.80 S 121° 27'.65 E
		14° 32'.67 S 121° 29'.16 E
		14° 31'.12 S 121° 29'.93 E
		14° 25'.14 S 121° 35'.10 E
		14° 24'.13 S 121° 38'.87 E
		14° 17'.14 S 121° 55'.45 E
		14° 13'.67 S 121° 59'.65 E
		14° 10'.43 S 122° 01'.41 E
		13° 56'.71 S 122° 04'.91 E
		13° 53'.35 S 122° 20'.64 E
		13° 59'.07 S 122° 58'.55 E
		13° 58'.54 S 123° 02'.48 E
		13° 56'.78 S 123° 05'.20 E
		13° 48'.68 S 123° 10'.00 E
submarine cable, between		13° 58'.34 S 123° 02'.82 E
		14° 01'.53 S 123° 04'.30 E
		14° 01'.42 S 123° 09'.82 E
		14° 01'.35 S 123° 10'.00 E
submarine cable, between		13° 53'.35 S 122° 20'.64 E
		13° 53'.06 S 122° 22'.31 E
submarine cable, between		13° 57'.70 S 122° 04'.61 E
		13° 56'.05 S 122° 04'.00 E
submarine cable, between		14° 02'.19 S 122° 03'.58 E
		14° 01'.65 S 122° 03'.22 E
		14° 01'.28 S 122° 02'.15 E
submarine cable, between		14° 32'.98 S 121° 28'.90 E
		14° 33'.28 S 121° 30'.86 E
submarine cable, between		14° 30'.21 S 121° 30'.89 E
		14° 30'.24 S 121° 32'.01 E
		14° 29'.57 S 121° 32'.96 E
Aus 326 [1108/2016]		
Insert	submarine cable, between	17° 31'.12 S 118° 00'.35 E
		17° 41'.28 S 118° 00'.17 E
		17° 45'.20 S 118° 01'.21 E
		17° 47'.86 S 118° 03'.12 E
		17° 50'.22 S 118° 05'.62 E
		17° 53'.26 S 118° 07'.24 E
		18° 23'.86 S 118° 30'.81 E
		18° 28'.61 S 118° 33'.13 E
		19° 31'.74 S 118° 37'.35 E
		19° 33'.69 S 118° 35'.89 E
		19° 55'.81 S 118° 37'.16 E
		19° 59'.60 S 118° 39'.34 E
		20° 12'.15 S 118° 41'.02 E
		20° 16'.11 S 118° 38'.10 E
		20° 17'.55 S 118° 36'.69 E
		20° 18'.38 S 118° 36'.85 E
Aus 739 [1107/2016]		
Insert	submarine cable, between	18° 53'.00 S 118° 34'.76 E

1201*

AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Darwin to Port Hedland - Submarine cable; recommended track

18° 53'.75 S	118° 34'.76 E
18° 56'.11 S	118° 35'.03 E
19° 27'.01 S	118° 37'.20 E
19° 31'.74 S	118° 37'.35 E
19° 33'.69 S	118° 35'.89 E
19° 40'.52 S	118° 36'.23 E
19° 42'.40 S	118° 36'.15 E
19° 44'.31 S	118° 36'.46 E
19° 55'.81 S	118° 37'.16 E
19° 56'.30 S	118° 37'.32 E
19° 59'.60 S	118° 39'.34 E
20° 12'.22 S	118° 41'.03 E
20° 16'.11 S	118° 38'.10 E
20° 17'.42 S	118° 36'.76 E
20° 17'.67 S	118° 36'.68 E
20° 18'.34 S	118° 36'.84 E

Aus 740 [1242/2015]

Insert submarine cable, between

19° 51'.00 S	118° 36'.87 E
19° 55'.81 S	118° 37'.16 E
19° 56'.30 S	118° 37'.32 E
19° 59'.60 S	118° 39'.34 E
20° 12'.22 S	118° 41'.03 E
20° 16'.11 S	118° 38'.10 E
20° 17'.42 S	118° 36'.76 E
20° 17'.67 S	118° 36'.68 E
20° 18'.34 S	118° 36'.84 E

Aus 4721 (INT 721) [1026/2016]

Insert submarine cable, between

13° 55'.8 S	122° 40'.0 E
13° 58'.5 S	123° 02'.5 E
13° 45'.5 S	123° 14'.7 E
13° 46'.8 S	123° 21'.7 E
13° 37'.5 S	124° 07'.9 E
13° 27'.8 S	124° 33'.9 E
12° 30'.9 S	125° 25'.2 E
12° 07'.5 S	125° 51'.4 E
11° 20'.7 S	126° 38'.2 E
11° 22'.2 S	127° 21'.0 E
11° 19'.0 S	127° 24'.6 E
11° 27'.3 S	128° 05'.1 E
11° 59'.2 S	129° 56'.3 E
12° 14'.6 S	130° 33'.5 E
12° 20'.5 S	130° 42'.3 E
12° 26'.2 S	130° 47'.0 E
12° 26'.4 S	130° 49'.9 E
13° 58'.3 S	123° 02'.8 E
14° 01'.5 S	123° 04'.3 E
14° 01'.4 S	123° 09'.8 E
13° 58'.4 S	123° 17'.9 E

submarine cable, between

Delete recommended track with legend, 076° - 256°, between

11° 54'.2 S	137° 00'.0 E
11° 57'.7 S	136° 45'.5 E

Aus 4722 (INT 722) [818/2016]

Insert submarine cable, between

19° 58'.9 S	118° 39'.0 E
19° 55'.8 S	118° 37'.2 E
19° 33'.7 S	118° 35'.9 E
19° 31'.7 S	118° 37'.3 E
18° 28'.5 S	118° 33'.1 E
18° 23'.9 S	118° 30'.8 E
17° 43'.2 S	117° 59'.9 E
17° 17'.3 S	118° 01'.2 E
17° 08'.2 S	118° 04'.0 E
17° 00'.9 S	118° 13'.5 E
16° 00'.8 S	119° 04'.9 E
15° 20'.7 S	119° 37'.9 E
14° 47'.6 S	120° 21'.8 E
14° 30'.2 S	120° 35'.8 E

1201* AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Darwin to Port Hedland - Submarine cable; recommended track

	14° 24'.6 S	120° 55'.0 E
	14° 29'.2 S	121° 16'.8 E
	14° 34'.4 S	121° 27'.2 E
	14° 25'.3 S	121° 34'.9 E
	14° 16'.5 S	121° 56'.5 E
	14° 10'.5 S	122° 01'.4 E
	13° 57'.2 S	122° 04'.8 E
	13° 53'.4 S	122° 20'.6 E
	13° 58'.5 S	123° 02'.5 E
	13° 45'.5 S	123° 14'.7 E
	13° 46'.8 S	123° 21'.7 E
	13° 37'.5 S	124° 07'.9 E
	13° 27'.8 S	124° 33'.9 E
	12° 30'.9 S	125° 25'.2 E
	12° 08'.2 S	125° 50'.6 E
submarine cable, between	13° 58'.3 S	123° 02'.8 E
	14° 01'.5 S	123° 04'.3 E
	14° 01'.4 S	123° 09'.8 E
	13° 58'.4 S	123° 17'.9 E

1202 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Recommended tracks; nav aids; infrastructure
Pilbara Ports Authority Notice D9/2016

Aus 59 [755/2016]

Insert	recommended track with legend, <i>000·1° - 180·1° Small Ship Route Eastern</i> , between	20° 32'.460 S	116° 44'.014 E
	recommended track with legend, <i>198·3° - 018·3°</i> , between	20° 35'.524 S	116° 44'.008 E
		20° 32'.460 S	116° 43'.630 E
	recommended track with legend, <i>193° - 013° Small Ship Central</i> , between	20° 32'.658 S	116° 43'.560 E
		20° 32'.658 S	116° 43'.560 E
	recommended track with legend, <i>036°</i> , between	20° 34'.728 S	116° 43'.054 E
		20° 32'.460 S	116° 42'.890 E
		20° 32'.899 S	116° 42'.550 E
	recommended track with legend, <i>194·9°</i> , between	20° 32'.460 S	116° 42'.624 E
		20° 32'.719 S	116° 42'.550 E
	accompanying block	20° 37'.1 S	116° 44'.6 E

1203 AUSTRALIA - WESTERN AUSTRALIA - Varanus Island - Platform; well
Quadrant Energy

Aus 65 [1068/2016]

Insert	accompanying block	20° 39'.0 S	115° 44'.0 E
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Aus 327 [756/2016]

Insert	lit platform with legend, <i>Mo(U)Y.15s</i>	20° 35'.34 S	115° 37'.63 E
	restricted area with radius 0.5M, centred on	20° 35'.34 S	115° 37'.63 E
	danger circle with legend, <i>Well</i>	20° 38'.12 S	115° 43'.72 E
	restricted area with radius 0.5M, centred on	20° 38'.12 S	115° 43'.72 E

Aus 742 [1068/2016]

Insert	accompanying block	20° 34'.5 S	115° 42'.0 E
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1204 AUSTRALIA - WESTERN AUSTRALIA - Weipa - Depth
Maritime Safety Queensland

Aus 4 [1106/2016]

Insert	contour, between	12° 40'.42 S	141° 50'.11 E
		12° 40'.66 S	141° 50'.16 E
		12° 40'.75 S	141° 50'.40 E

Delete	contour, between	12° 40'.4 S	141° 50'.1 E
		12° 40'.8 S	141° 50'.4 E

Aus 4 (plan, Port of Weipa) [1106/2016]

Insert	depth, 9 ₃ m	12° 40'.663 S	141° 50'.201 E
	contour, between	12° 40'.449 S	141° 50'.107 E
		12° 40'.660 S	141° 50'.156 E
		12° 40'.751 S	141° 50'.400 E

Delete	contour, between	12° 40'.45 S	141° 50'.11 E
		12° 40'.75 S	141° 50'.40 E
	depth, 10 ₂ m	12° 40'.73 S	141° 50'.33 E

1205(T)/2016 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works

Maritime Safety Queensland Notice 469(T)/2016

Harbour works are in progress at the Coal Wharf. A safe clearance of 30m exists around the wharf and the extent is marked by a special light buoy, Q.Y, in position 27° 23'.33 S 153° 09'.50 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237

1206(T)/2016 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works completed

Former Notice - 566(T)/2016 is cancelled

Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 238

1207(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Scientific instrument

Maritime Safety Queensland Notice 478/2016

A scientific instrument exists on the seabed, with least depth 7m, in position 27° 20'.62 S 153° 13'.23 E.

Chart temporarily affected - Aus 236

1208(T)/2016 PAPUA NEW GUINEA - Dampier Strait - Nessup Channel - Light buoy restored

Former Notice - 932(T)/2016 is cancelled

National Maritime Safety Authority PNG Notice 57/2016

Cancel this notice on receipt.

Chart formerly affected - Aus 673

1209(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Wreck salvaged

Former Notice - 1124(T)/2016 is cancelled

Department of Infrastructure, Planning and Logistics NT

Cancel this notice on receipt.

Chart formerly affected - Aus 25 - Aus 26 - Aus 28

1210(T)/2016 AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Darwin to Port Hedland - Cable operations completed

Former Notice - 414(T)/2016 is cancelled

33Below Pty Ltd

Cancel this notice on receipt.

Chart formerly affected - Aus 24 - Aus 26 - Aus 29 - Aus 43 - Aus 52 - Aus 53 - Aus 309 - Aus 311 - Aus 312 - Aus 314 - Aus 315 - Aus 316 - Aus 319 - Aus 320 - Aus 322 - Aus 326 - Aus 722 - Aus 739 - Aus 740 - Aus 4721 (INT 721) - Aus 4722 (INT 722)

1211(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey westwards

Former Notice - 1188(T)/2016 is cancelled
Schlumberger

Survey vessel, *Amazon Conqueror*, with an 8000m towed array is conducting a survey in an area bounded by the following positions:

21° 34'.61 S 114° 21'.62 E
21° 39'.92 S 114° 15'.08 E
21° 39'.91 S 113° 01'.86 E
21° 30'.01 S 112° 59'.98 E
21° 20'.08 S 113° 00'.12 E
20° 29'.75 S 113° 34'.93 E
19° 59'.95 S 113° 35'.07 E
19° 34'.99 S 113° 54'.92 E
19° 40'.19 S 115° 05'.63 E
20° 29'.84 S 114° 56'.78 E
20° 58'.63 S 114° 56'.82 E
20° 58'.66 S 114° 53'.86 E
21° 04'.92 S 114° 53'.79 E
21° 04'.91 S 114° 47'.32 E
21° 29'.29 S 114° 43'.25 E.

Mariners are advised to navigate with caution in the area. 6.5M clearance requested.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 743 - Aus 744 - Aus 4060 (INT 60) - Aus 4070 (INT 70) - Aus 4071 (INT 71) - Aus 4708 (INT 708) - Aus 4723 (INT 723) - Aus 4725 (INT 725)

1212(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Subsea operations northwestwards completed

Former Notice - 1041(T)/2016 is cancelled
Technip

Cancel this notice on receipt.

Chart formerly affected - Aus 319 - Aus 320

1213(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - McKenna Point - Wave energy farm removed

Former Notice - 574(T)/2016 is cancelled
Department of Transport WA

Cancel this notice on receipt.

Chart formerly affected - Aus 115

1214(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Busselton - Port Geographe Marina - Seagrass wrack; dredging operations

Former Notice - 1085(T)/2016 is cancelled
Department of Transport WA Notice 103/2016

Mobile seagrass wrack, which may reduce depths, exists in the entrance to Port Geographe Marina.

The dredge *Mudlark I* is conducting dredging operations in the approach channel and entrance channel to the marina (33° 37'.79 S 115° 23'.24 E). A floating pipeline marked by special lights exists from the dredge.

The dredge and pipeline may obstruct the channel during operations and in these instances mariners traversing the area are requested to contact the dredge prior to passing.

The dredge will display appropriate lights and shapes and will monitor VHF Ch 16 or Marine 27 MHz Ch 88.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 116

1215(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Dredging operations

Department of Transport WA Notice 135/2016

Dredging operations are in progress in the vicinity of the Salt Export Facility (21° 37'.5 S 115° 05'.8 E), shipping channel (21° 35'.7 S 115° 05'.0 E) and spoil ground (21° 34'.5 S 115° 05'.5 E).

Vessels 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 64 - Aus 69**1216(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drill rig northeastwards**

MODU *Ocean Apex*, Woodside Energy Ltd

Drill rig *Ocean Apex* is conducting drilling operations in position 19° 43'.00 S 115° 48'.92 E.

Chart temporarily affected - Aus 327 - Aus 4723 (INT 723)**1217(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drill rig northeastwards moved**

Former Notice - 997(T)/2016 is cancelled

MODU *Ocean Apex*

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 4723 (INT 723)**1218(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Mooring buoys northeastwards removed**

Former Notice - 1190(T)/2016 is cancelled

Woodside Energy Ltd

Cancel this notice on receipt.

Chart formerly affected - Aus 327**1219(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drilling and piling operations completed**

Former Notice - 901(T)/2016 is cancelled

Australian Maritime Safety Authority

Cancel this notice on receipt.

Chart formerly affected - Aus 327**1220(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - North Haven - Dredging operations**

Department of Planning, Transport and Infrastructure SA Notice 37/2016

Significant shoaling exists and dredging operations are in progress in the entrance channel to Gulf Point Marina (34° 47'.7 S 138° 28'.9 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 130 - Aus 137**1221(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Light beacon destroyed**

Department of Planning, Transport and Infrastructure SA Notice 34/2016

The light beacon, *F.Bu* & *Fl.Bu.2s* (34° 46'.74 S 138° 21'.81 E), has been destroyed; a special light buoy, *Fl.Y*, exists in situ.

Chart temporarily affected - Aus 130 - Aus 138

1222(T)/2016 AUSTRALIA - VICTORIA - Lakes Entrance - Reeve Channel - Light beacon destroyed

Gippsland Ports Notice 293(T)/2016

The starboard lateral light beacon, Q.G (37° 52'.87 S 147° 57'.25 E), has been destroyed; a starboard lateral light buoy, Q.G, exists in situ.

Chart temporarily affected - Aus 182

1223(T)/2016 AUSTRALIA - VICTORIA - Western Port - Stony Point - Shoaling southeastwards

LINX Cargo Care Group Notice 331/2016

Shoaling, with depths less than *13.7 metres*, exists in the vicinity of position 38° 22'.68 S 145° 14'.78 E extending 80 metres into the shipping channel.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 150 - Aus 151

1224(T)/2016 AUSTRALIA - TASMANIA - Georges Bay - Buoy restored

Former Notice - 1054(T)/2016 is cancelled

Marine and Safety Tasmania Notice M184/2016

Cancel this notice on receipt.

Chart formerly affected - Aus 169

1225(T)/2016 AUSTRALIA - TASMANIA - River Tamar - Moriarty Reach - Scientific instruments

Former Notice - 1195(T)/2016 is cancelled

Marine and Safety Tasmania Notice M194/2016

A marine current turbine exists on the surface within a 50m radius of position 41° 12'.27 S 146° 54'.95 E.

A subsurface scientific instrument, marked by a special buoy, exists in position 41° 12'.35 S 146° 54'.86 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 168

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
PNG- Doini Island	Depth	Australian Reef Pilots Pty Ltd	N Doyle

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>

To accompany Australian Notice to Mariners 1198/2016

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in metres above datum					
			HAT	MHWS	MHWN	MSL	MLWN	MLWS
Cairns	16° 56'	145° 47'	3.5	2.6	1.9	1.7	1.5	0.8

Block for Chart Aus 263

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To accompany Australian Notice to Mariners 1198/2016

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in metres above datum					
			HAT	MHWS	MHWN	MSL	MLWN	MLWS
Cairns	16° 56'	145° 47'	3.5	2.6	1.9	1.7	1.5	0.8

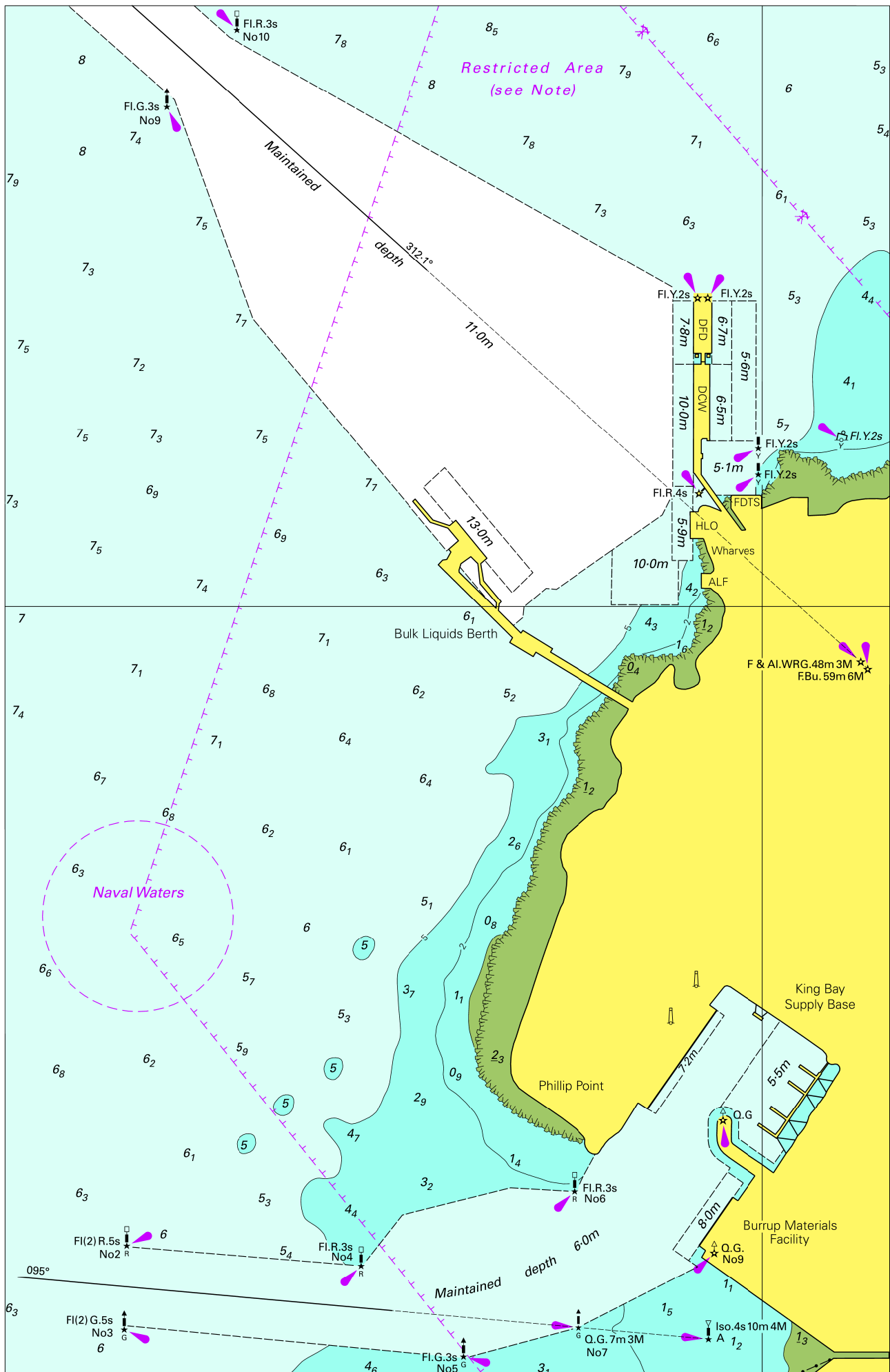
Block for Chart Aus 264

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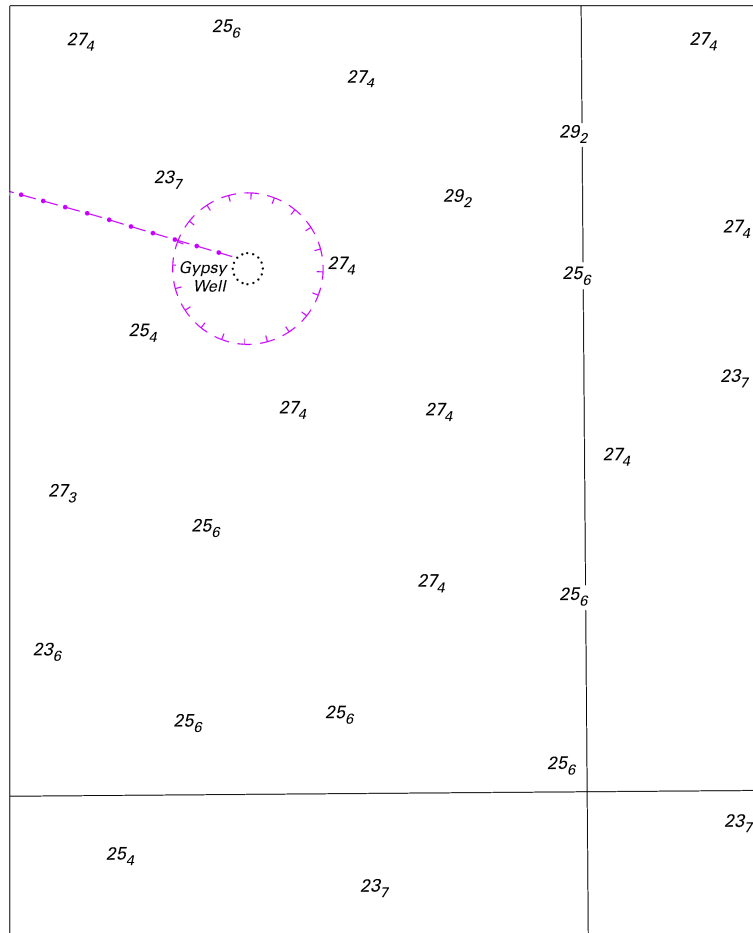
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(200.3 x 180.8mm)



To accompany Australian Notice to Mariners 1203/2016

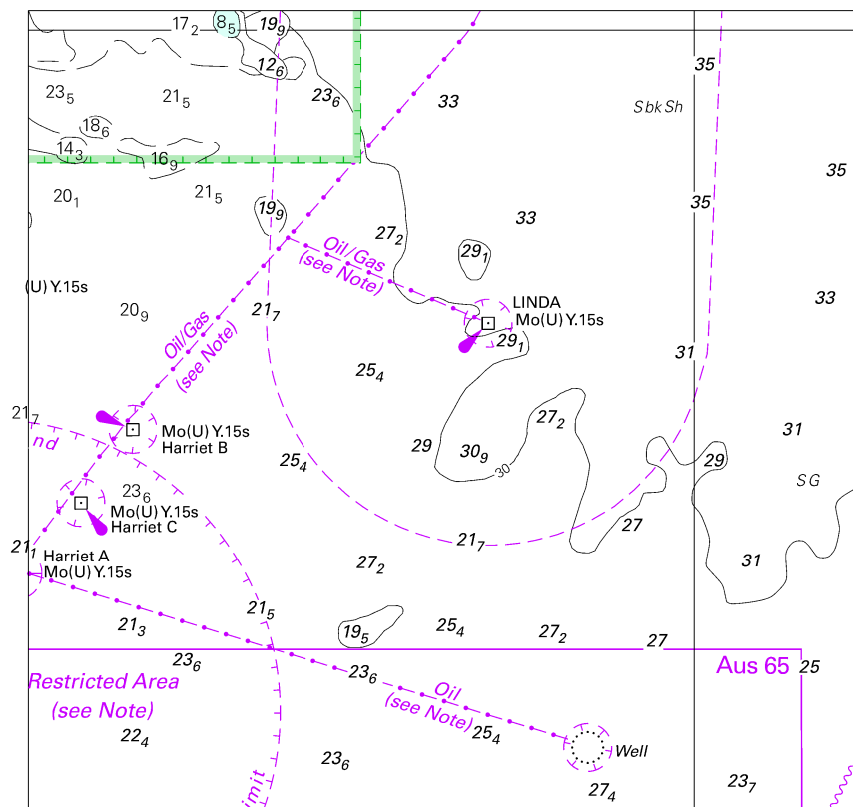


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Block for Chart Aus 65

(99.5 x 123.0mm)

To accompany Australian Notice to Mariners 1203/2016



Block for Chart Aus 742 © Commonwealth of Australia 2016

(109.2 x 105.4mm)