6 May 2011 **Edition 9**

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

AUSTRALIAN NOTICES TO MARINERS

Notices 449 – 495

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

SECTIONS.

I. Australian Notices to Mariners, including blocks and notes.
II. Hydrographic Reports.
III. Navigational Warnings.

SUPPLEMENTS.

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

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IMPORTANT NOTICE

This edition of Notices to Mariners includes all significant information affecting AHS products which the AHS has become aware of since the last edition. All reasonable efforts have been made to ensure the accuracy and completeness of the information, including third party information, on which these updates are based. The AHS regards third parties from which it receives information as reliable, however the AHS cannot verify all such information and errors may therefore exist. The AHS does not accept liability for errors in third party information.

GENERAL INSTRUCTIONS

The substance of these notices should be inserted on the charts affected.

Bearings are referred to the true compass and are reckoned clockwise from North; those relating to lights are given as seen by an observer from seaward. Positions quoted in permanent notices relate to the horizontal datum for the chart(s). When preliminary or temporary notices affect multiple charts, positions will be provided in relation to only one horizontal datum and that datum will be specified. When the multiple charts do not have a common horizontal datum, mariners will be required to adjust the position(s) for those charts not on the specified datum. The range quoted for a light is its nominal range. Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.

The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices. A star (*) adjacent to the number of a notice indicates that the notice is based on original information.

REPORTING OF DANGERS

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, e-mail **Hydro.NTM@defence.gov.au** or, alternatively by filling in and submitting the **Hydrographic Notes** forms located on the web site – www.hydro.gov.au), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email rccaus@amsa.gov.au).

AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Service (AHS) website (**www.hydro.gov.au**) and through the eNotices (email) service (**www.hydro.gov.au/enotices/enotices.htm**).

Individual Notices may be copied for the purpose of inserting Notice substance on official charts and publications. Paper copies may be printed by chart agents and distributed to customers on a cost recovery basis. Participating chart agents are listed on the AHS website as providing a 'Paper Notices to Mariners' service (**www.hydro.gov.au/prodserv/distributors/distributors.htm**). Copies of the notices may not be sold for profit without prior written agreement.

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449 AUSTRALIA - Product
Australian Hydrographic Service (AA531281, AA532504, AA532685)

New Chart

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 815	6/5/2011	Australia - East Coast - Queensland - Cape Moreton to Double Island Point 25° 40'·4 S - 27° 05'·0 S 153º 03'·5 E - 154º 03'·0 E *New chart providing improved coverage of the southeast Queensland coast; and includes maritime boundaries.*	1:150 000	Aus 5001	$35.00

New Electronic Navigation Chart (Seafarer ENC)

Cell Name	*Released*	*Title*
AU4611P4	May 2011	Coral Sea - Cato Reef
AU5635P1	May 2011	Papua New Guinea - Kwaiapan Bay
AU5XX653	May 2011	Papua New Guinea - Dregerhafen to Finschhafen
AU5671P1	May 2011	New Britain -South Coast - Palmalmal Wharf

Chart permanently withdrawn without replacement

Chart	*On publication of new chart*
Aus 365	Aus 815

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

When placing orders with a chart agent, mariners should advise whether their order pertains to the current edition or the new edition.

450 AUSTRALIA - Product - Amendment to Australian Notice to Mariners No 4
Australian Maritime Safety Authority (AA531232)

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Amend para 33 to read.....contact with the Duty Medical Officer at Australia's Telemedical Advice Service (TMAS) provider, Careflight Group Queensland.

451* AUSTRALIA - NEW SOUTH WALES - Newcastle - Light buoy established
Former Notice - 411(P)/2011 is cancelled
Newcastle Port Corporation (AA527716)

Aus 207 [*894/2010*]

Insert	special pillar light buoy, *Q(3)Y.5s,* with topmark	32º 54'.950 S	151º 48'.817 E

452* AUSTRALIA - QUEENSLAND - Moreton Bay - Fisherman Islands - Lights established; light buoys withdrawn
Former Notice - 1012(T)/2010 is cancelled
Maritime Safety Queensland Notice 339/2011 (AA528540)

Aus 236 [*340/2011*]

Insert	accompanying block	27º 21'.0 S	153º 11'.5 E

Aus 237 [*289/2011*]

Insert	accompanying block	27º 21'.0 S	115º 12'.0 E

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453* AUSTRALIA - QUEENSLAND - Cairns - Pilot boarding place
Maritime Safety Queensland Notice 363/2011 (AA530186)

Aus 262 [*107/2010*]

Insert	pilot boarding place, with legend *C*	16º 50'.26 S	145º 49'.04 E
Amend	legend to *A*	16º 47'.00 S	145º 53'.15 E
	legend to *B*	16º 48'.60 S	145º 50'.75 E
Delete	depth, 7_5m	16º 50'.25 S	145º 49'.03 E

Aus 830 [*1049/2010*]

Insert	pilot boarding place, with legend *C*	16º 50'.26 S	145º 49'.04 E
Amend	legend to *A*	16º 47'.0 S	145º 54'.0 E
	legend to *B*	16º 48'.6 S	145º 51'.5 E

AX 6027S [*1049/2010*]

Insert	pilot boarding place, with legend *C*	16º 50'.26 S	145º 49'.04 E
Amend	legend to *A*	16º 47'.0 S	145º 54'.0 E
	legend to *B*	16º 48'.6 S	145º 51'.5 E

AX 63262 [*107/2010*]

Insert	pilot boarding place, with legend *C*	16º 50'.26 S	145º 49'.04 E
Amend	legend to *A*	16º 47'.00 S	145º 53'.15 E
	legend to *B*	16º 48'.60 S	145º 50'.75 E
Delete	depth, 7_5m	16º 50'.25 S	145º 49'.03 E

454* AUSTRALIA - TORRES STRAIT - Madge Reef - Light buoy established
Former Notice - 65(T)/2010 is cancelled
Maritime Safety Queensland Notice 302/2011 (AA526017)

Aus 293 [*1162/2010*]

Substitute	port lateral cylindrical light buoy, *Fl.R.2·5s,* without topmark for light beacon	10º 35'.3 S	142º 14'.3 E

Aus 299 [*NE 22/4/2011*]

Substitute	port lateral cylindrical light buoy, *Fl.R.2·5s,* without topmark for light beacon	10º 35'.22 S	142º 14'.36 E

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455* AUSTRALIA - QUEENSLAND - Karumba - Pilot boarding place; pilotage area; restricted area
Maritime Safety Queensland Notice 362/2011 (AA530187)

Aus 6 [*1164/2010*]

Insert	pilot boarding place with legend, *A*	17º 22'.3 S	140º 40'.4 E
	pilot boarding place with legend, *B*	17º 24'.9 S	140º 42'.6 E
	magenta dashed line with legend, *Karumba Pilotage Area,* between	17º 26'.483 S	140º 39'.215 E
		17º 26'.159 S	140º 39'.254 E
		17º 25'.639 S	140º 39'.348 E
		17º 25'.123 S	140º 39'.470 E
		17º 24'.615 S	140º 39'.620 E
		17º 24'.115 S	140º 39'.798 E
		17º 23'.625 S	140º 40'.003 E
		17º 23'.146 S	140º 40'.235 E
		17º 22'.679 S	140º 40'.492 E
		17º 22'.226 S	140º 40'.775 E
		17º 21'.787 S	140º 41'.082 E
		17º 21'.400 S	140º 41'.386 E
	restricted area with legend, *Karumba Security/Port Limit,* between	17º 29'.991 S	140º 44'.551 E
		17º 24'.000 S	140º 41'.000 E
		17º 21'.400 S	140º 45'.725 E
Delete	pilot boarding place	17º 25'.0 S	140º 42'.6 E
	magenta dashed line with legend, Karumba Pilotage Area, between	17º 30'.25 S	140º 39'.85 E
		17º 21'.40 S	140º 44'.70 E

Aus 303 [*1055/2010*]

Insert	accompanying block	17º 24'.0 S	140º 45'.0 E

456* AUSTRALIA - NORTHERN TERRITORY - Darwin - Fort Point - Light established; foul area; anchorage
Darwin Port Corporation (AA528499, AA531166)

Aus 24 [*1365/2010*]

Insert	light, *Oc.R.3s*	12º 28'.369 S	130º 50'.658 E
	dashed line with legend, *Foul,* between	12º 28'.310 S	130º 50'.660 E
		12º 28'.375 S	130º 50'.655 E
		12º 28'.375 S	130º 50'.500 E
		12º 28'.041 S	130º 50'.500 E

Aus 26 [*346/2011*]

Insert	#, centred on	12º 28'.32 S	130º 50'.57 E
Delete	anchor berth, desig A3, and swinging circle	12º 20'.0 S	130º 43'.2 E

Aus 28 [*346/2011*]

Insert	light, *Oc.R.3s*	12º 28'.369 S	130º 50'.658 E
	dashed line with legend, *Foul,* between	12º 28'.310 S	130º 50'.660 E
		12º 28'.375 S	130º 50'.655 E
		12º 28'.375 S	130º 50'.500 E
		12º 28'.041 S	130º 50'.500 E

AX 72026 [*346/2011*]

Insert	#, centred on	12º 28'.32 S	130º 50'.57 E
Delete	anchor berth, desig A3, and swinging circle	12º 20'.0 S	130º 43'.2 E

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457* AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Production platform; submarine pipeline; infrastructure; depths

Former Notice - 1272(T)/2010 is cancelled
UTEC Survey Australia Pty Ltd (DHDB 1707486)

Aus 57 [*143/2011*]

Insert	submarine pipeline with legend, *Gas (see Note),* between	20º 43'.92 S	116º 21'.67 E
		20º 42'.50 S	116º 21'.50 E

Aus 327 [402/2011]

Insert	accompanying block A	20º 15'.0 S	116º 25'.0 E
	accompanying block B	20º 40'.0 S	116º 25'.0 E

Aus 741 [*92/2011*]

Insert	accompanying block A	20º 03'.0 S	116º 25'.0 E
	accompanying block B	20º 35'.0 S	116º 25'.0 E
	submarine pipeline with legend, *Gas (see Note),* between	20º 06'.54 S	116º 18'.88 E
		20º 26'.92 S	116º 20'.30 E

Aus 742 [*403/2011*]

Insert	accompanying block	20º 40'.0 S	116º 20'.0 E
	submarine pipeline, between	20º 26'.60 S	116º 20'.28 E
		20º 04'.00 S	116º 18'.76 E

458* AUSTRALIA - WESTERN AUSTRALIA - Mary Anne Passage - Platforms removed; pipeline

Apache Energy Ltd (AA523505, AA523507)

Aus 63 [*300/2011*]

Insert	legend, *Disused*	21º 08'.4 S	115º 16'.3 E
Amend	legend to *Disused*	21º 13'.9 S	115º 12'.7 E
Delete	lit platform	21º 07'.4 S	115º 16'.3 E
	lit platform	21º 10'.4 S	115º 15'.9 E

Aus 64 [*300/2011*]

Amend	legend to *Disused*	21º 17'.1 S	115º 11'.0 E

Aus 328 [*403/2011*]

Amend	legend to *Disused*	21º 13'.5 S	115º 13'.0 E
Delete	lit platform	21º 07'.5 S	115º 16'.0 E
	light	21º 10'.5 S	115º 15'.8 E

Aus 743 [*300/2011*]

Amend	legend to *Disused*	21º 12'.0 S	115º 14'.0 E
Delete	lit platform	21º 07'.4 S	115º 16'.3 E
	lit platform	21º 10'.4 S	115º 15'.9 E

Note: a block update for chart Aus 4723 and Aus 4725 are in production.

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459* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Anchorages
Former Notice - 273(T)/2009 is cancelled
Fremantle Ports Notice 8/2011 (AA527664)

Aus 112 [*405/2011*]

Insert	accompanying block	31º 54'.5 S	115º 39'.5 E

Aus 754 [*406/2011*]

Insert	accompanying block	31º 56'.0 S	115º 40'.0 E

AX 0754E [*406/2011*]

Insert	accompanying block	31º 56'.0 S	115º 40'.0 E

AX 63112 [*405/2011*]

Insert	accompanying block	31º 54'.5 S	115º 39'.5 E

AX 66002 [*406/2011*]

Insert	accompanying block	31º 56'.0 S	115º 40'.0 E

460* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Lights removed
Fremantle Ports (AA527667)

Aus 113 [*353/2011*]

Delete	light	32º 02'.56 S	115º 44'.63 E
	light	32º 02'.54 S	115º 44'.63 E
	dashed line with legend 341·4°, emanating from light	32º 02'.54 S	115º 44'.63 E
	light	32º 02'.49 S	115º 44'.72 E
	light	32º 02'.47 S	115º 44'.71 E
	dashed line with legend 339·2°, emanating from light	32º 02'.47 S	115º 44'.71 E
	light	32º 02'.41 S	115º 44'.90 E
	light	32º 02'.36 S	115º 44'.92 E
	dashed line with legend 022°, emanating from light	32º 02'.36 S	115º 44'.92 E
	light	32º 02'.95 S	115º 44'.80 E
	light	32º 02'.97 S	115º 44'.81 E
	dashed line with legend 159°, emanating from light	32º 02'.97 S	115º 44'.81 E

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461(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Dredging operations
Former Notice - 963(T)/2010 is cancelled
Date - Until 31 August 2011
Maritime Safety Queensland Notice 370(T)/2011 (AA532166)

The dredge *Port Frederick* is conducting dredging operations at the entrance to the Gold Coast Seaway (27° 56'.0 S 153° 26'.0 E).

The dredge will be operating between the entrance and Surfers Paradise beach (28° 00'.0 S 153° 26'.0 E) during the operations.

The dredge will monitor VHF Ch 16 and Ch 67.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230 - Aus 814

462(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer completed
Former Notice - 261(T)/2011 is cancelled
Maritime Safety Queensland Notice 196(T)/2011 (AA520596)

Cancel this notice on receipt.

Chart formerly affected - Aus 236

463(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Boat Passage - Dredging operations completed
Former Notice - 368(T)/2011 is cancelled
Maritime Safety Queensland Notice 388(T)/2011 (AA532380)

Cancel this notice on receipt.

Chart formerly affected - Aus 236 - Aus 237

464(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Cabbage Tree Head - Shoaling removed; dredging operations completed
Former Notice - 371(T)/2011 is cancelled
Maritime Safety Queensland Notice 371/2011 (AA532209)

Cancel this notice on receipt.

Chart formerly affected - Aus 236

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465(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Bridge construction
Former Notice - 966(T)/2010 is cancelled
Date - Until 30 June 2011
Maritime Safety Queensland Notices 171(T)/2008, 164(T)/2009, 166(T)/2009, 756(T)/2010, 393(T)/2011 (AA323151, AA395818, AA396377, AA492668, AA532382)

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

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

Navaids exist as follows:

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

Works to remove temporary lit piles adjacent to the channel in Hays Inlet (27° 15'.82 S 153° 04'.70 E) are in progress. The channel will be closed to traffic during the period 3 May to 24 May 2011.

Mariners should navigate with caution in the area.

Chart temporarily affected - Aus 236

466(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Pumicestone Channel - Bellara - Wreck
Maritime Safety Queensland Notice 387(T)/2011 (AA532162)

A wreck marked by a special light buoy, *Fl.Y.2·5s,* exists in position 27° 03'.56 S 153° 08'.23 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235 - Aus 236

467(T)/2011 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling
Former Notice - 1383(T)/2010 is cancelled
Maritime Safety Queensland Notice 390(T)/2011 (AA532381)

Shoaling, with a least depth of *3.1m* (LAT), exists within the channel and approaches to Mooloolah River.

Shoaling with a least depth of *1m* exists between light beacon No1 (26° 40'.81 S 153° 07'.94 E) and No3 (26° 40'.86 S 153° 08'.01 E), along the starboard side of the channel.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

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468(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Seismic survey
Date - Until 29 May 2011
Maritime Safety Queensland Notice 373(T)/2011 (AA531287)

MV *Grasstree,* is conducting a survey in Auckland Channel (23° 50'.3 S 151° 17'.0 E), Gatcombe Channel (23° 52'.5 S 151° 21'.3 E), Golding Cutting (23° 54'.6 S 151° 24'.5 E), Boyne Cutting (23° 55'.8 S 151° 27'.5 E), Boyne Extension (23° 55'.5 S 151° 29'.1 E) and the Wild Cattle Cutting (23° 54'.8 S 151° 29'.6 E).

A 150m exclusion zone exists around the vessel.

The vessel will monitor VHF Ch 13 and Ch 16 and display appropriate shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245 - Aus 246 - Aus 819

469(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Calliope River - Wreck
Maritime Safety Queensland Notice 382(T)/2011 (AA531426)

A wreck marked by a red buoy exists in position 23° 50'.88 S 151° 12'.76 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 245

470(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island to Redcliffe Island - Scientific instruments
Maritime Safety Queensland Notice 376(T)/2011 (AA531285)

Subsurface scientific instruments exist in positions:
23° 45'.91 S 151° 10'.93 E
23° 45'.81 S 151° 11'.11 E
23° 45'.33 S 151° 10'.48 E
23° 45'.23 S 151° 10'.66 E
23° 42'.44 S 151° 08'.84 E
23° 42'.34 S 151° 09'.05 E
23° 41'.39 S 151° 08'.20 E
23° 41'.29 S 151° 08'.41 E.

Chart temporarily affected - Aus 245 - Aus 819

471(T)/2011 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing
Date - Until 27 June 2011
Maritime Safety Queensland Notice 270(T)/2011 (AA525800)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 11 May to 26 June 2011.

A marine danger area extends to all internal waters bounded by the following positions:
22° 27'.93 S 150° 23'.01 E
22° 27'.02 S 150° 34'.98 E
22° 38'.18 S 150° 43'.15 E
22° 40'.00 S 150° 38'.00 E
22° 35'.87 S 150° 28'.80 E
22° 27'.93 S 150° 23'.01 E.

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

Chart temporarily affected - Aus 248 - Aus 367 - Aus 820 - Aus 822 - AX 0367E - AX 0820E - AX 0822E

I

472(T)/2011 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing
Date - Until 10 May 2011
Maritime Safety Queensland Notice 381(T)/2011 (AA531393)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 6 to 9 May 2011.

A marine danger area extends to all waters within a 10M radius of position 22° 23'.84 S 150° 18'.02 E.

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

Chart temporarily affected - Aus 260 - Aus 261 - Aus 367 - Aus 822 - AX 0260E - AX 0367E - AX 60260 - AX 67261

473(T)/2011 AUSTRALIA - QUEENSLAND - Fitzalan Passage - Light buoy relit
Former Notice - 423(T)/2011 is cancelled
Maritime Safety Queensland Notice 379/2011 (AA531346)

Cancel this notice on receipt.

Chart formerly affected - Aus 252 - Aus 253 - Aus 254

474(T)/2011 AUSTRALIA - QUEENSLAND - Pioneer Rocks - Light beacon unlit
Maritime Safety Queensland Notice 378(T)/2011 (AA531347)

The light beacon, *Fl(2)6s 5m* (20° 13'.57 S 148° 45'.46 E), is unlit.

Chart temporarily affected - Aus 252 - Aus 253 - Aus 824 - Aus 825

475(T)/2011 AUSTRALIA - QUEENSLAND - Abbot Bay - Clark Shoal - Drilling operations
Date - Until 31 August 2011
Maritime Safety Queensland Notice 398(T)/2011 (AA532500)

Jack-up barges *Sealift 1* and *Sealift 2* and support vessels are conducting drilling operations in an area bounded by the following positions:
19° 50'.68 S 148° 03'.73 E
19° 52'.37 S 148° 02'.76 E
19° 53'.14 S 148° 02'.85 E
19° 53'.27 S 148° 03'.15 E
19° 52'.99 S 148° 03'.87 E
19° 52'.29 S 148° 04'.68 E
19° 50'.76 S 148° 03'.98 E.

All vessels will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 255

476(T)/2011 AUSTRALIA - QUEENSLAND - Cleveland Bay - Platypus Channel - Exclusion zone
Date - Until 27 May 2011
Maritime Safety Queensland Notice 368(T)/2011 (AA531361)

An exclusion zone exists in an area bounded by the following positions:
19° 11'.55 S 146° 52'.08 E
19° 12'.25 S 146° 51'.63 E
19° 12'.39 S 146° 51'.86 E
19° 11'.66 S 146° 52'.34 E.

Chart temporarily affected - Aus 256 - Aus 827

I

477(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Harbour works
Former Notice - 62(T)/2010 is cancelled
Date - Until 31 December 2012
Maritime Safety Queensland Notices 648(T)/2009, 849(T)/2009, 402(T)/2011 (AA432006, AA447012, AA532710)

Harbour works associated with the construction of the Townsville Port Access Road Bridge are in progress.

Works will initially commence on the northern side of the river before moving to the southern side. The river will remain open to traffic during the works; however the width of the river will be progressively restricted. Light beacons mark the construction area.

A port lateral light buoy, *Fl.R.2·5s,* exists in position 19° 16'.16 S 146° 50'.13 E, which marks the extremity of the works.

A starboard lateral light buoy, *Fl.G.2·5s,* exists in position 19° 16'.13 S 146° 50'.13 E, which marks the abutment rock walls that are being constructed.

A silt curtain will enclose the reclamation works in preparation for the construction of the rock wall and bridge embankment. The works are expected to protrude approximately 50m into the river from the eastern bank and will be lit by flashing lights.

The following restrictions apply;
Vessels must not pass another vessel within the construction area when the width of the river has been reduced.

Mariners must promptly advise the construction site foreman of the intent to transit through the construction area by mobile phone on 0420372093 or 0427036506. Mariners must also announce their approach to the bridge on VHF Ch 16 to all vessels using the river and make necessary passing arrangements.

Priority should be given to a vessel transiting the channel in the direction of tidal flow. The give way vessel should then stem the tide at a safe distance from the restricted area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

478(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations
Date - Until 5 August 2011
Maritime Safety Queensland Notice 401(T)/2011 (AA532711)

Dredging operations are in progress in Marlin Marina in an area bounded by the following positions:
16° 55'.03 S 145° 46'.93 E
16° 55'.10 S 145° 46'.93 E
16° 55'.12 S 145° 46'.97 E.

Special light buoys, *Q,* mark the anchors deployed by the barge.

Mariners are advised that entry to this area is prohibited during this period unless authorised by Ports North's Operations.

Chart temporarily affected - Aus 262 - Aus 263 - AX 63262

479(T)/2011 PAPUA NEW GUINEA - Eastern Fields - Seismic survey northwestwards completed
Former Notice - 64(T)/2011 is cancelled
National Maritime Safety Authority PNG Notice 6/2011 (AA512484)

Cancel this notice on receipt.

Chart formerly affected - Aus 377 - AX 60377

I

480(T)/2011 AUSTRALIA - QUEENSLAND - Karumba - Light beacon relit
Former Notice - 430(T)/2011 is cancelled
Maritime Safety Queensland Notice 374/2011 (AA531363)

Cancel this notice on receipt.

Chart formerly affected - Aus 6

481(T)/2011 AUSTRALIA - QUEENSLAND - Karumba - Depth information
Former Notice - 766(T)/2010 is cancelled
Maritime Safety Queensland Notice 386(T)/2011 (AA531404)

Available depths as at 29 April 2011:

	Berth	*Metres*
*	Entrance Channel	2.8
	Mobil/Trinity Wharf	6.3
	Raptis Wharf	5.3
	Ruby Marine Wharf	5.3
	Gulf Freight Services Wharf	6.2
	Karumba Cold Stores Wharf	6.2
	Seaswift/Shell Wharf	6.2
	Karumba Livestock Loading Wharf	5.4
	Gulf Freight Services Ramp/Wharf	4.6
	Pasminco Export Wharf	4.2

* Indicates revised entry.

Chart temporarily affected - Aus 6

482(T)/2011 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm Port - Drilling operations completed
Former Notice - 118(T)/2011 is cancelled
Darwin Port Corporation Notice 1(T)/2011 (AA514583)

Cancel this notice on receipt.

Chart formerly affected - Aus 26 - Aus 28 - AX 72026

483(T)/2011 AUSTRALIA - TIMOR SEA - Sahul Banks - Seismic survey
Date - Until 21 May 2011
NT Shipping Agencies (AA532409)

MV *Pacific Explorer, towing six 7408m cables,* is conducting a survey in an area bounded by the following positions:
10° 06'.53 S 126° 00'.33 E
10° 05'.18 S 126° 03'.88 E
10° 14'.05 S 126° 03'.77 E
10° 14'.05 S 126° 08'.51 E
10° 19'.90 S 126° 08'.45 E
10° 19'.88 S 126° 06'.07 E
10° 17'.87 S 126° 06'.07 E
10° 17'.83 S 126° 00'.20 E.

Chart temporarily affected - Aus 312 - AX 0312F

484(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Wyndham - Light buoy off station
CGL Wyndham Port (AA532555), M Bresman (AA532264)

The light buoy, *Fl.G.3s* (15° 19'.09 S 128° 05'.85 E), is off station.

Chart temporarily affected - Aus 32

I

485(P)/2011 AUSTRALIA - WESTERN AUSTRALIA - Brunswick Bay - Jackson Island - Rock
A Passmore (AA532547)

A rock that covers and uncovers exists in position 15° 09'.116 S 124° 37'.263 E.

Chart which will be affected - Aus 320 - Aus 730

486(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Seringapatam Reef - Seismic survey northeastwards
Date - Until 20 May 2011
NT Shipping Agencies (AA527692)

MV *Ramform Sterling,* and support vessel *Ocean Dynasty* are conducting a survey in an area bounded by the following positions:
12° 55'.70 S 122° 41'.22 E
12° 55'.70 S 123° 09'.00 E
13° 28'.00 S 123° 09'.00 E
13° 28'.00 S 122° 41'.22 E.

Chart temporarily affected - Aus 319 - Aus 322 - AX 0319F - AX 0322F

487(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Delambre Island to Dixon Island - Drilling operations completed
Former Notice - 1087(T)/2010 is cancelled
Department of Transport WA Notice 88/2010 (AA497020)

Cancel this notice on receipt.

Chart formerly affected - Aus 55 - Aus 57

488(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Oil field to be decommissioned
Former Notice - 386(T)/2011 is cancelled
Date - Until 31 May 2011
Apache Energy Ltd (AA523505, AA523507, AA523508)

MSV *Southern Ocean* will be onsite to assist with the removal of the platform Ocean Legend (19° 42'.23 S 116° 42'.48 E).

Chart temporarily affected - Aus 327 - Aus 741 - Aus 4603 (INT 603) - Aus 4708 (INT 708) - Aus 4722 (INT 722) - Aus 4723 (INT 723) - AX 4603F - AX 4708F - AX 4722F - AX 4723F

489(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau to Onslow - Seismic survey completed
Former Notice - 1090(T)/2010 is cancelled
Department of Transport WA Notice 53B/2010 (AA468756)

Cancel this notice on receipt.

Chart formerly affected - Aus 64 - Aus 327 - Aus 328 - Aus 329 - Aus 742 - Aus 743 - Aus 744 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

I

490(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Seismic survey northwestwards
Date - Until 17 May 2011
BHP Billiton Petroleum (AA531522, AA531523)

MV *Western Spirit,* towing eight 3200m cables, MV *Aquila Explorer* and support vessel MV *OMS Discovery* are conducting a survey in an area bounded by the following positions:
21° 30'.32 S 113° 47'.32 E
21° 31'.99 S 113° 49'.59 E
21° 26'.79 S 113° 53'.61 E
21° 25'.12 S 113° 51'.19 E.

Chart temporarily affected - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 4723F

491(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Seismic survey
Former Notice - 1409(T)/2010 is cancelled
Schlumberger (AA508864)

Cancel this notice on receipt.

Chart formerly affected - Aus 329 - Aus 745 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

492(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Light unlit
Fremantle Ports Notice 7(T)/2011 (AA527667)

The light, *F.Bu* (32° 02'.34 S 115° 45'.13 E), is unlit.

Chart temporarily affected - Aus 112 - Aus 113 - AX 63112

493(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Light beacon destroyed
Bunbury Port Authority (AA532242)

No3 light beacon (33° 17'.68 S 115° 38'.93 E) has been destroyed; a starboard lateral light buoy, *Iso.G.3s,* exists in situ.

Chart temporarily affected - Aus 115

494(T)/2011 AUSTRALIA - TASMANIA - King Island - Seismic survey southwestwards completed
Former Notice - 391(T)/2011 is cancelled
Environment Resource Group Pty Ltd (AA532159)

Cancel this notice on receipt.

Chart formerly affected - Aus 487 - Aus 4728 (INT 728)

495(T)/2011 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Huon Island - Scientific instrument
Marine and Safety Tasmania Notice M67/2011 (AA531442)

A scientific instrument, *Oc.15s* , exists in position 43° 19'.32 S 147° 07'.79 E.

Chart temporarily affected - Aus 173 - Aus 795

HYDROGRAPHIC REPORTS

Locality	*Report*	*Ship/Authority*	*Observer*
AUS – AHS Product	Notice to Mariners chart edition error		P Oborn
WA - Brunswick Bay	Rock	PV *Walcott*	A Passmore
Wyndham	Light buoys	MV *Kimberley Queen*	M Bresman
VIC - Williamstown	Light		D Sadler

NAVIGATION WARNINGS

The following radio messages have been received during the period to 6 May 2011. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

Rigs on location other than those listed in the latest Section III summary are the subject of Radio Navigational Warnings. Rigs in transit will not be the subject of Warnings.

AUSCOAST WARNING

131 Drill rig *Saipem 10000* in position 17º 46'·11 S 115º 44'·94 E. 2.5M clearance requested.
132 Drill rig *Maersk Discoverer* in position 19º 54'·9 S 115º 15'·1 E. 2.5M clearance requested.
133 Cancelled.
134 Drill rig *Ocean Patriot* in position 19º 14'·63 S 115º 41'·17 E. 2.5M clearance requested.
135 Drill rig *Stena Clyde* in position 19º 18'·17 S 116º 45'·30 E. 2.5M clearance requested.
136 Special purpose vessel *Western Spirit* conducting seismic survey towing eight 2.2M cable in an area bounded by 21º 11'·0 S to 21º 46'·9 S and 113º 30'·8 E to 114º 10'·5 E. 6.0M clearance requested.
137 Unlit marker buoys deployed in an area bounded by 38° 14'·5 S to 38º 14'·9 S and 148º 11'·2 E to 148º 15'·8 E.
138 Special purpose vessel *Aquila Explorer* conducting seismic survey towing 5.5M cable in an area bounded by 21º 18'·0 S to 21º 34'·0 S and 113º 41'·0 E to 113º 59'·0 E. 7.0M clearance requested.
139 Cancelled.
140 Uncharted rock reported in position 15º 09'·116 S 124º 37'·263 E.
141 5 buoys laid in vicinity 20º 28'·48 S 113º 54'·21 E. 1.5M clearance requested.
142 Hudson light K1890 (12º 59'·70 S 143º 43'·46 E) unreliable.
143 Ingham DGPS station ALRS Vol(2) in position 18º 33'·34 S 146º 18'·35 E temporarily discontinued.

NAVAREA X WARNINGS

005 Navarea XIII coordinator advises that danger exists from falling rocket debris 1720 – 1900 UTC daily between 4 to 7 May in an area bounded by 46º 30'·0 S 155º 00'·0 E, 57º 00'·0 S 176º 00'·0 E, 60º 00'·0 S 172º 34'·0 E, 49º 15'·0 S 151º 00'·0 E.

Navigational warnings in force as at 060001UTC MAY 11.

Auscoast
2011 015 029 079 094 095 101 115 116 118 123 129 130 131 132 134 135 136 137 140 141 142 143

Navarea X
2011 001 004 005

Summary of mobile drilling rigs as at 060001UTC MAY 11.

Name	*Position*
Songa Venus	11º 46'·42 S 127º 18'·22 E
Ocean America	15º 03'·95 S 121º 17'·50 E
Stena Clyde	19º 18'·17 S 116º 45'·30 E
Ensco 109	20º 01'·27 S 116º 18'·35 E
Saipem 10000	17º 46'·11 S 115º 44'·94 E
Ocean Patriot	19º 14'·63 S 115º 41'·17 E
Maersk Discoverer	19º 54'·90 S 115º 15'·10 E
Nan Hai 6	21º 26'·00 S 114º 02'·00 E
Jack Bates	20º 02'·05 S 113º 37'·55 E

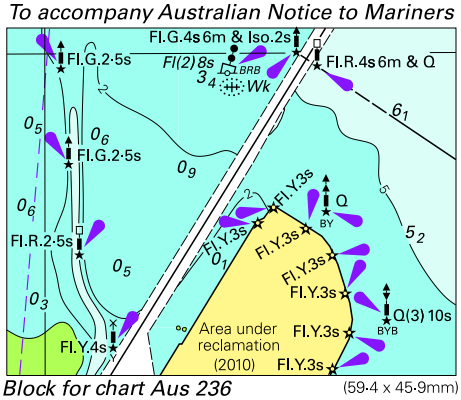
NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 060001UTC MAY 11.

2010 047

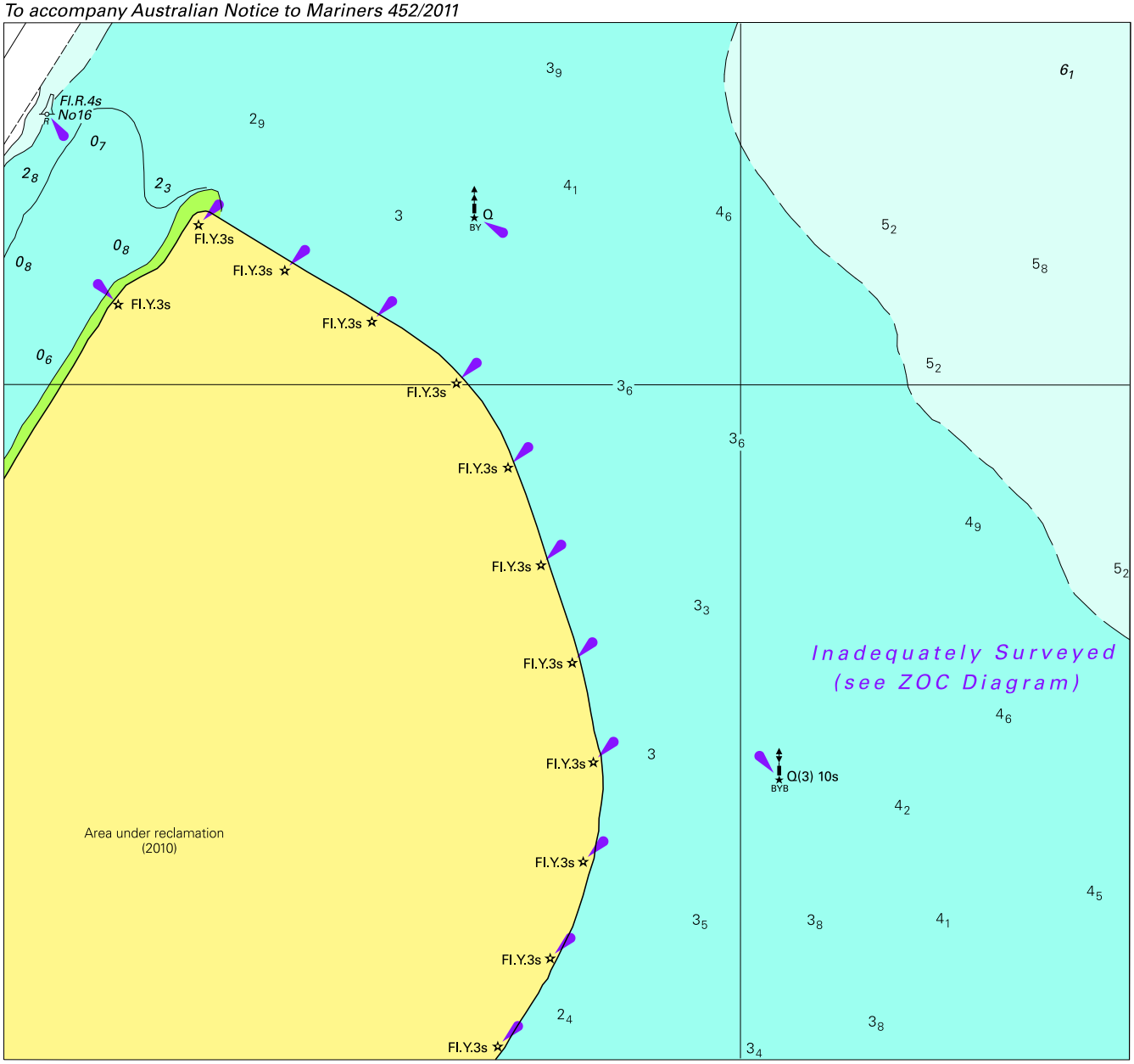
To accompany Australian Notice to Mariners 452/2011



Block for chart Aus 236 (59·4 x 45·9mm)

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To accompany Australian Notice to Mariners 452/2011

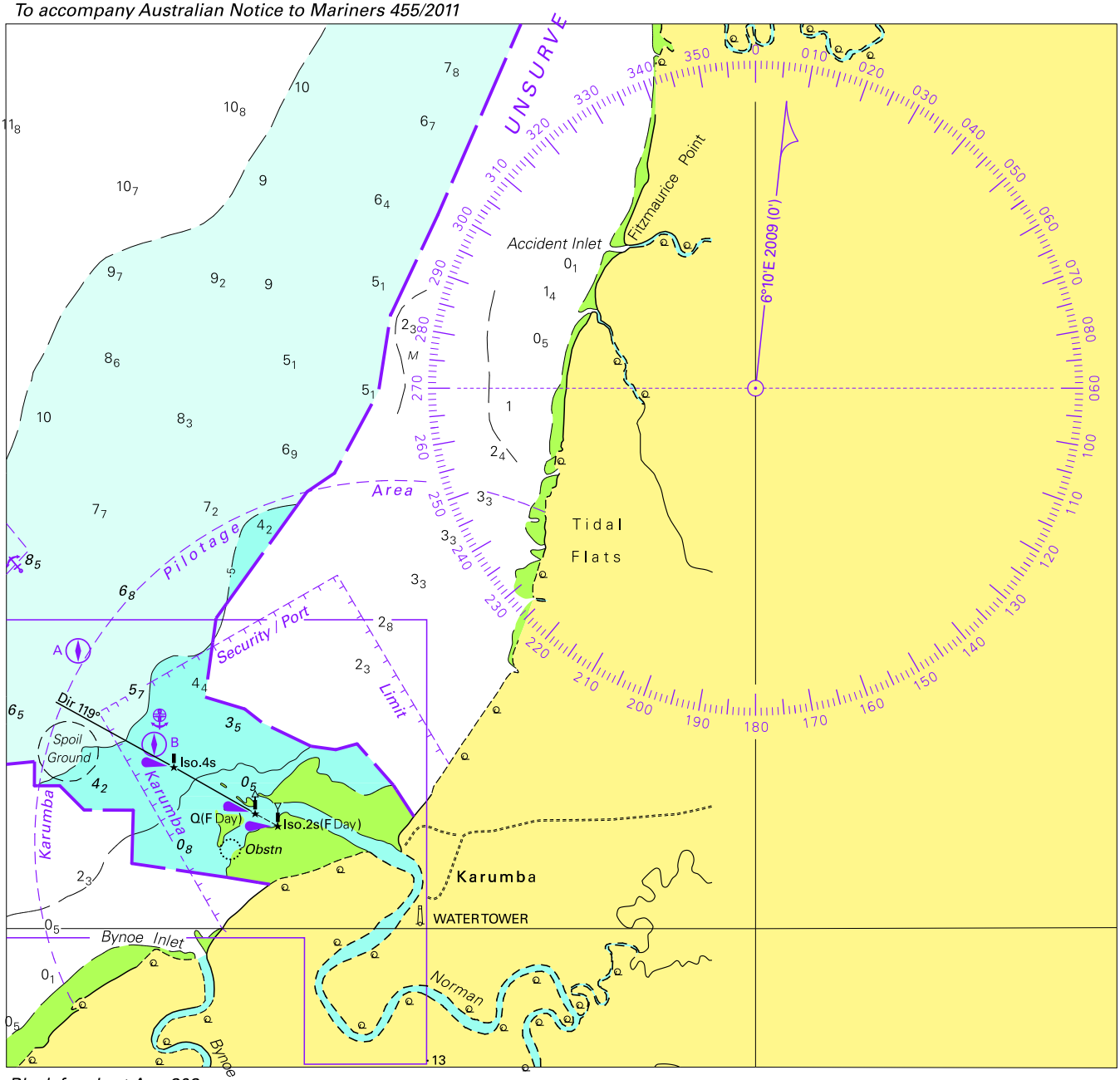


Block for chart Aus 237

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(175·5 x 161·7mm)

To accompany Australian Notice to Mariners 455/2011

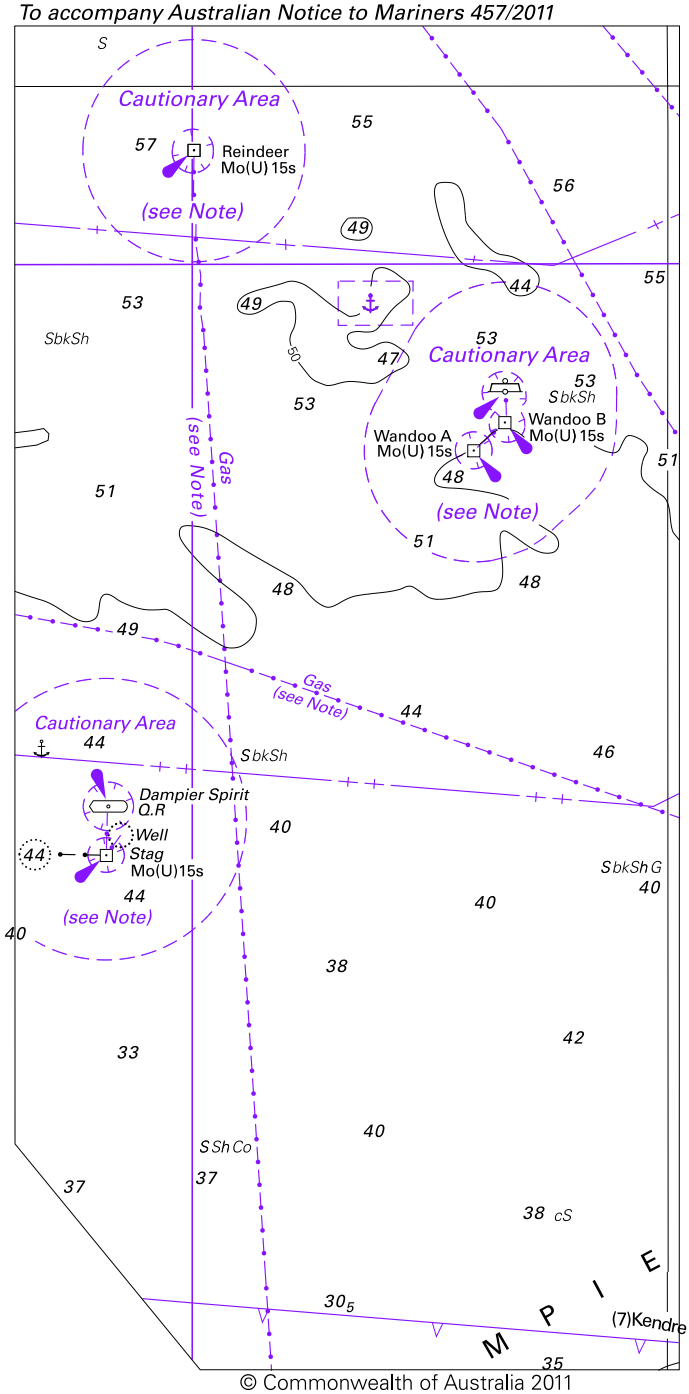


Block for chart Aus 303

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(176·8 x 166·2mm)

To accompany Australian Notice to Mariners 457/2011

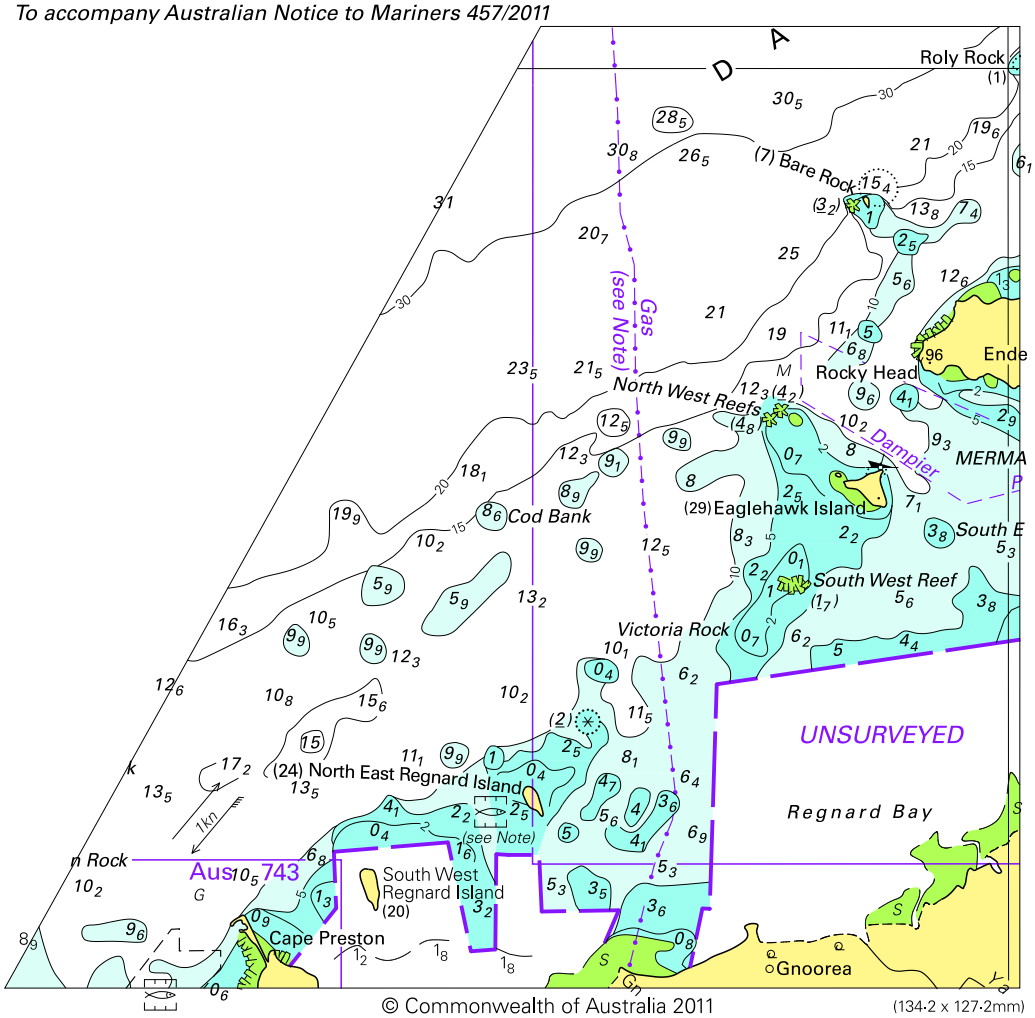


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Block A for chart Aus 327

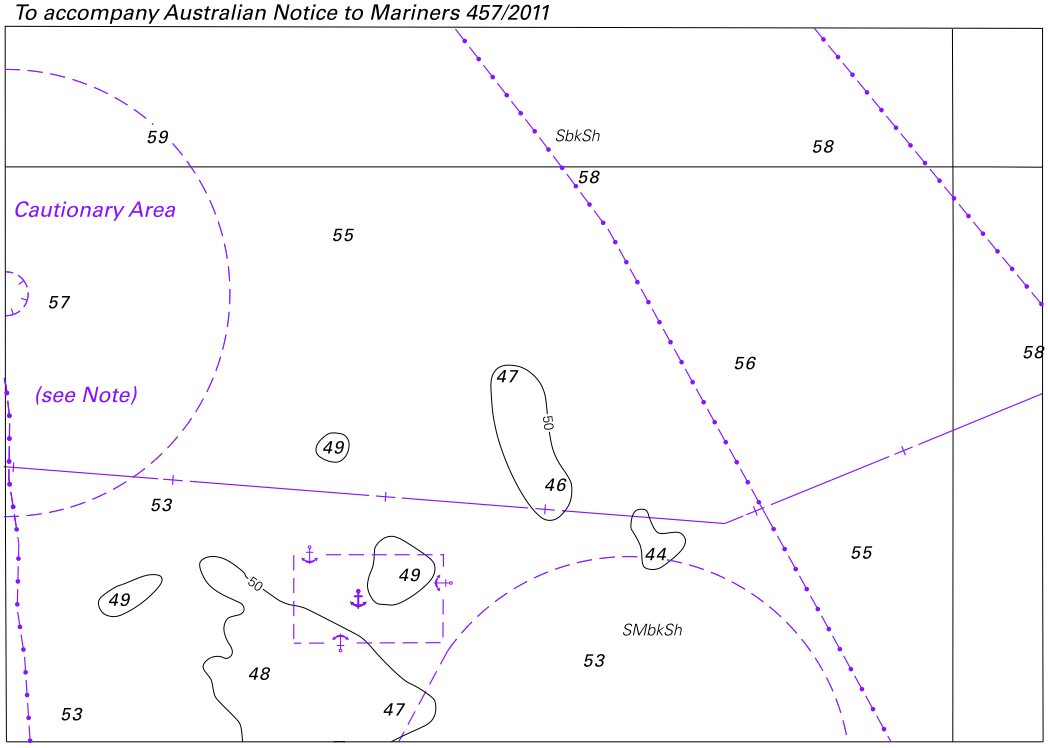
(87·9 x 177·7mm)

To accompany Australian Notice to Mariners 457/2011



Block B for chart Aus 327

To accompany Australian Notice to Mariners 457/2011

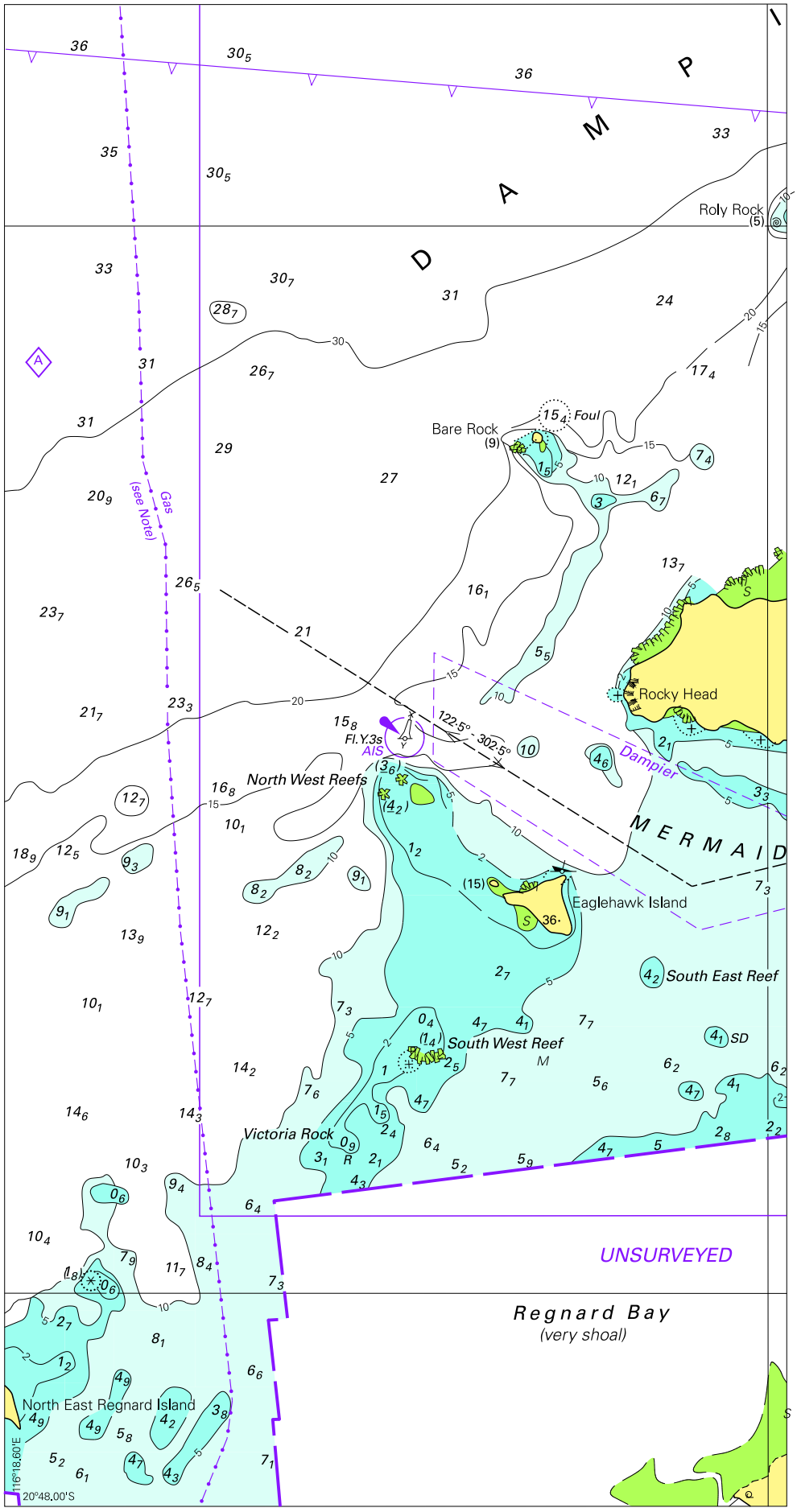


Block A for chart Aus 741

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(137·1 x 94·3mm)

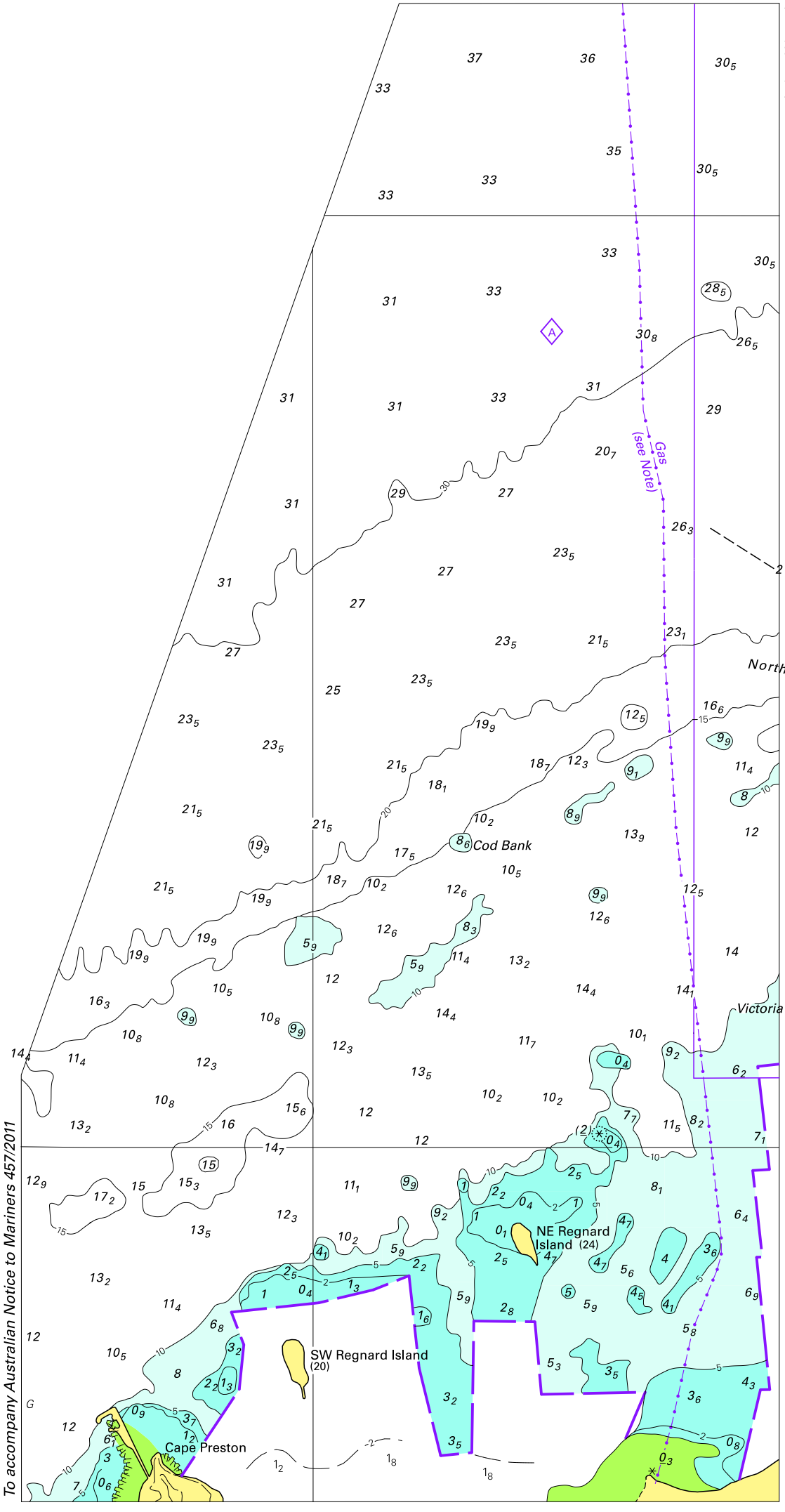
To accompany Australian Notice to Mariners 457/2011



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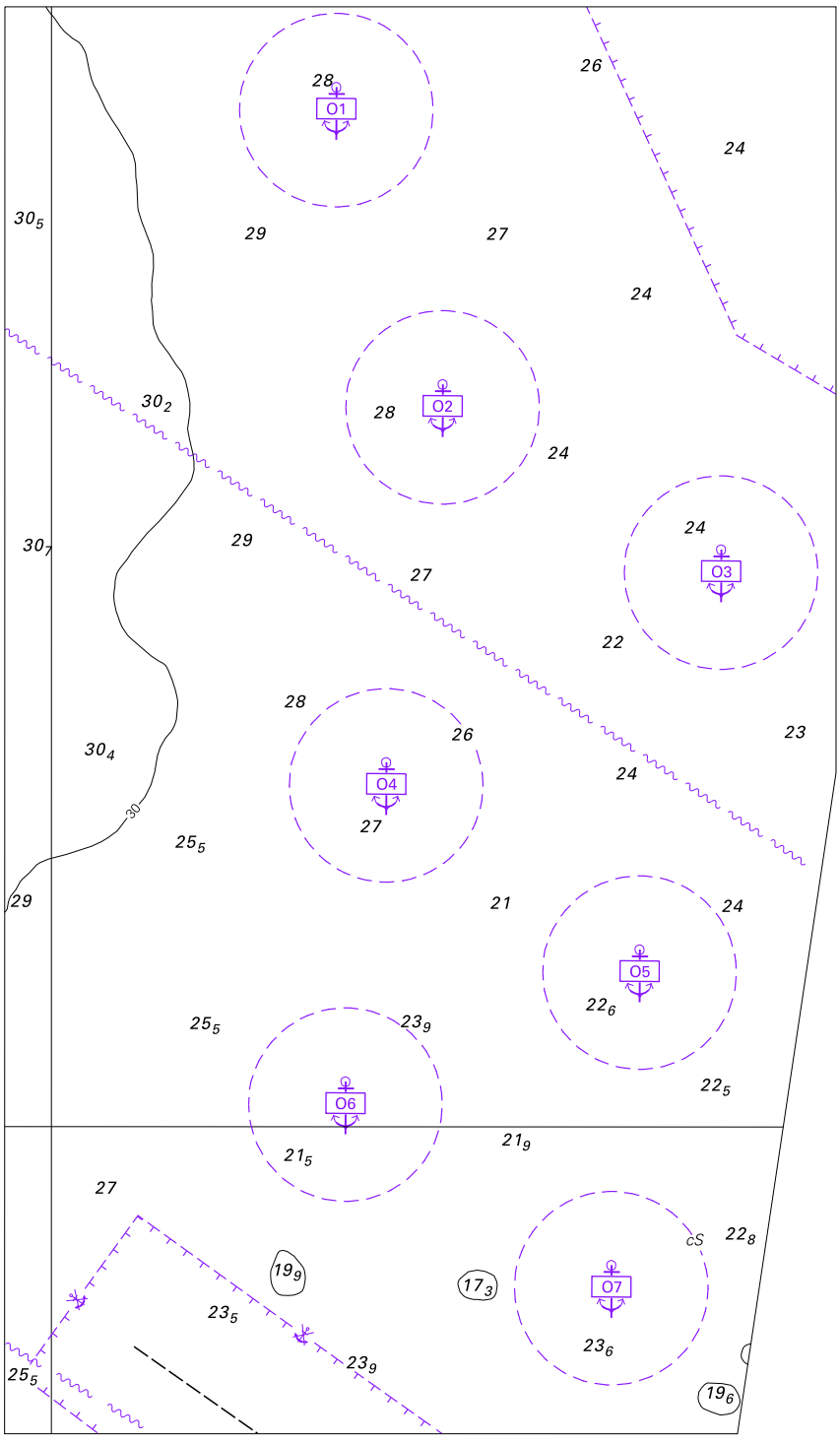
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(128·5 x 246·8mm)



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To accompany Notice to Mariners 459/2011

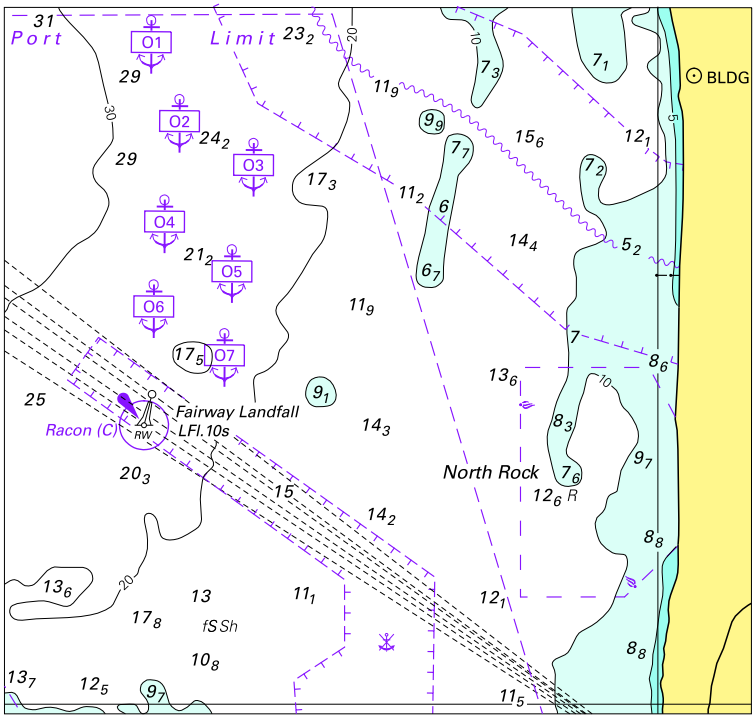


Block for a chart Aus 112

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(111·6 x 191·6mm)

To accompany Australian Notice to Mariners 459/2011



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Block for chart Aus 754

(98·8 x 93·4mm)