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Edition 11

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

AUSTRALIAN NOTICES TO MARINERS

Notices 534 – 572 

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Hydrographer of Australia

SECTIONS.

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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

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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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538* AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Light buoy

NSW Maritime Notice SC02/2013 (AA672226)

Aus 192 [1295/2011]

Insert	port lateral pillar light buoy, Oc.R.3s, with topmark displaced in position	37° 05'.72 S	149° 55'.48 E
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Delete	light buoy	37° 05'.7 S	149° 55'.7 E
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Aus 192 (plan, East Boyd Bay Wharves)

Move	light buoy	37° 05'.70 S	149° 55'.66 E
	to	37° 05'.72 S	149° 55'.48 E

539* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Chart limit

Australian Hydrographic Service (AA671428)

Aus 197 [80/2013]

Insert	magenta limit, with legend <i>Aus 200</i> in SE corner, between	33° 45'.66 S	151° 07'.97 E
		33° 45'.66 S	151° 24'.70 E
		33° 54'.50 S	151° 24'.70 E
		33° 54'.50 S	151° 07'.97 E

Delete	magenta limits with legend <i>Aus 200</i> , centred on	33° 50'.0 S	151° 14'.0 E
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540* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Wrecks

S Willan (AA610630, AA610631)

Aus 197 [539/2013]

Insert	depth, 65m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.30 S	151° 21'.19 E
	depth, 69m, enclosed by danger circle with legend, <i>Wk</i>	33° 54'.62 S	151° 19'.67 E
	depth, 70m, enclosed by danger circle with legend, <i>Wk</i>	33° 54'.86 S	151° 20'.11 E
	depth, 53m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.77 S	151° 18'.69 E
	depth, 39m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 52'.00 S	151° 17'.92 E
	depth, 30m, enclosed by danger circle with legend, <i>Wk</i>	33° 52'.01 S	151° 17'.41 E
	# with magenta legend, <i>Historic Wk (see Note)</i>	33° 50'.86 S	151° 17'.29 E

Substitute	depth, 51m, enclosed by danger circle with legend, <i>Wk</i> for wreck	33° 48'.6 S	151° 20'.7 E
	safe clearance depth, 40m, enclosed by danger circle for historic wreck symbol	33° 45'.7 S	151° 21'.8 E
	depth, 40m, for safe clearance depth, 45m	33° 49'.6 S	151° 18'.7 E
	depth, 24m, enclosed by danger circle for historic wreck symbol	33° 50'.1 S	151° 17'.3 E

Delete	wreck	33° 51'.4 S	151° 20'.8 E
	wreck	33° 54'.7 S	151° 19'.6 E
	historic wreck symbol	33° 52'.1 S	151° 17'.9 E
	depth, 29m	33° 52'.1 S	151° 17'.4 E
	historic wreck symbol	33° 50'.9 S	151° 17'.4 E

Aus 200 [NC 17/5/2013]

Amend	depth, 30m, for depth, 38m	33° 52'.01 S	151° 17'.41 E
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540* AUSTRALIA - NEW SOUTH WALES - Port Jackson – Wrecks *(continued)***Aus 201** [375/2013]

Insert	depth, 30m, enclosed by danger circle with legend, <i>Wk</i>	33° 52'.008 S	151° 17'.411 E
	# with magenta legend, <i>Historic Wk</i> (see Note)	33° 50'.855 S	151° 17'.293 E
	#	33° 49'.711 S	151° 16'.209 E
	#	33° 49'.290 S	151° 17'.296 E
Substitute	depth, 16 ₇ m, for depth, 15 ₃ m	33° 49'.05 S	151° 16'.87 E
	depth, 10 ₄ m, for depth, 9 ₈ m	33° 50'.86 S	151° 15'.00 E
Delete	historic wreck	33° 50'.90 S	151° 17'.37 E

Aus 202 [494/2013]

Substitute	depth, 10 ₄ m, for depth, 9 ₈ m	33° 50'.86 S	151° 15'.00 E
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Aus 489 [1234/2012]

Insert	depth, 65m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.30 S	151° 21'.19 E
Substitute	depth, 69m, enclosed by danger circle with legend, <i>Wk</i> for wreck	33° 54'.6 S	151° 19'.7 E
	safe clearance depth, 40m, enclosed by danger circle for historic wreck symbol	33° 45'.7 S	151° 21'.8 E
Delete	wreck	33° 51'.4 S	151° 20'.8 E
	depth, 36m	33° 45'.0 S	151° 21'.5 E

Aus 808 [1171/2012]

Insert	depth, 51m, enclosed by danger circle with legend, <i>Wk</i>	33° 48'.58 S	151° 20'.74 E
	depth, 65m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.30 S	151° 21'.19 E
	depth, 69m, enclosed by danger circle with legend, <i>Wk</i>	33° 54'.62 S	151° 19'.67 E
	depth, 70m, enclosed by danger circle with legend, <i>Wk</i>	33° 54'.86 S	151° 20'.11 E
	depth, 53m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.77 S	151° 18'.69 E
	depth, 39m, enclosed by danger circle with magenta legend, <i>Historic Wk</i> (see Note)	33° 52'.00 S	151° 17'.92 E
Substitute	depth, 40m, for safe clearance depth, 45m	33° 49'.6 S	151° 18'.7 E
	depth, 24 ₁ m, enclosed by danger circle for historic wreck symbol	33° 50'.1 S	151° 17'.3 E
Delete	wreck	33° 48'.7 S	151° 20'.8 E
	wreck	33° 51'.4 S	151° 20'.8 E
	wreck	33° 54'.7 S	151° 19'.6 E
	historic wreck symbol	33° 52'.1 S	151° 17'.9 E

540* AUSTRALIA - NEW SOUTH WALES - Port Jackson – Wrecks (continued)
Aus 809 [323/2013]

Insert	depth, 51m, enclosed by danger circle with legend, Wk	33° 48'.58 S	151° 20'.74 E
	depth, 65m, enclosed by danger circle with legend, Wk	33° 51'.30 S	151° 21'.19 E
	depth, 53m, enclosed by danger circle with legend, Wk	33° 51'.77 S	151° 18'.69 E
	depth, 39m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 52'.00 S	151° 17'.92 E
Substitute	safe clearance depth, 40m, enclosed by danger circle for historic wreck symbol	33° 45'.7 S	151° 21'.8 E
	depth, 40m, for safe clearance depth, 45m	33° 49'.6 S	151° 18'.7 E
	depth, 24 ₁ m, enclosed by danger circle for historic wreck symbol	33° 50'.1 S	151° 17'.3 E
Delete	wreck	33° 48'.7 S	151° 20'.8 E
	wreck	33° 51'.4 S	151° 20'.8 E
	historic wreck symbol	33° 52'.1 S	151° 17'.9 E

AX 63200 [80/2013]

Insert	depth, 51m, enclosed by danger circle with legend, Wk	33° 48'.581 S	151° 20'.737 E
	depth, 65m, enclosed by danger circle with legend, Wk	33° 51'.301 S	151° 21'.194 E
	depth, 25 ₅ m, enclosed by danger circle with legend, Wk	33° 49'.540 S	151° 17'.848 E
	depth, 53m, enclosed by danger circle with legend, Wk	33° 51'.77 S	151° 18'.69 E
	depth, 52m, enclosed by danger circle with legend, Wk	33° 51'.913 S	151° 18'.567 E
	depth, 39m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 51'.998 S	151° 17'.916 E
	depth, 30m, enclosed by danger circle with legend, Wk	33° 52'.008 S	151° 17'.411 E
	# with magenta legend, <i>Historic Wk (see Note)</i>	33° 50'.855 S	151° 17'.293 E
	#	33° 49'.711 S	151° 16'.209 E
	depth, 24 ₁ m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 50'.136 S	151° 17'.268 E
	#	33° 49'.290 S	151° 17'.296 E
Substitute	depth, 40m, for safe clearance depth, 45m	33° 49'.64 S	151° 18'.69 E
	depth, 16 ₇ m, for depth, 15 ₃ m	33° 49'.05 S	151° 16'.87 E
	depth, 10 ₄ m, for depth, 9 ₈ m	33° 50'.86 S	151° 15'.00 E
Delete	wreck	33° 48'.59 S	151° 20'.76 E
	wreck	33° 51'.41 S	151° 20'.78 E
	depth, 18 ₉ m	33° 49'.51 S	151° 17'.88 E
	historic wreck	33° 52'.08 S	151° 17'.88 E
	historic wreck	33° 50'.90 S	151° 17'.37 E
	historic wreck	33° 50'.14 S	151° 17'.28 E

540* AUSTRALIA - NEW SOUTH WALES - Port Jackson – Wrecks *(continued)***AX 00201T** [375/2013]

Insert	depth, 30m, enclosed by danger circle with legend, <i>Wk</i>	33° 52'.008 S	151° 17'.411 E
	# with magenta legend, <i>Historic Wk</i> (see Note)	33° 50'.855 S	151° 17'.293 E
	#	33° 49'.711 S	151° 16'.209 E
	#	33° 49'.290 S	151° 17'.296 E
Substitute	depth, 16 ₇ m, for depth, 15 ₃ m	33° 49'.05 S	151° 16'.87 E
	depth, 10 ₄ m, for depth, 9 ₈ m	33° 50'.86 S	151° 15'.00 E
Delete	historic wreck	33° 50'.90 S	151° 17'.37 E

AX 00202T [494/2013]

Substitute	depth, 10 ₄ m, for depth, 9 ₈ m	33° 50'.86 S	151° 15'.00 E
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AX 00808S [1171/2012]

Insert	depth, 51m, enclosed by danger circle with legend, <i>Wk</i>	33° 48'.58 S	151° 20'.74 E
	depth, 65m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.30 S	151° 21'.19 E
	depth, 69m, enclosed by danger circle with legend, <i>Wk</i>	33° 54'.62 S	151° 19'.67 E
	depth, 70m, enclosed by danger circle with legend, <i>Wk</i>	33° 54'.86 S	151° 20'.11 E
	depth, 53m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.77 S	151° 18'.69 E
	depth, 39m, enclosed by danger circle with magenta legend, <i>Historic Wk</i> (see Note)	33° 52'.00 S	151° 17'.92 E
Substitute	depth, 40m, for safe clearance depth, 45m	33° 49'.6 S	151° 18'.7 E
	depth, 24 ₁ m, enclosed by danger circle for historic wreck symbol	33° 50'.1 S	151° 17'.3 E
Delete	wreck	33° 48'.7 S	151° 20'.8 E
	wreck	33° 51'.4 S	151° 20'.8 E
	wreck	33° 54'.7 S	151° 19'.6 E
	historic wreck symbol	33° 52'.1 S	151° 17'.9 E

AX 00809S [323/2013]

Insert	depth, 51m, enclosed by danger circle with legend, <i>Wk</i>	33° 48'.58 S	151° 20'.74 E
	depth, 65m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.30 S	151° 21'.19 E
	depth, 53m, enclosed by danger circle with legend, <i>Wk</i>	33° 51'.77 S	151° 18'.69 E
	depth, 39m, enclosed by danger circle with magenta legend, <i>Historic Wk</i> (see Note)	33° 52'.00 S	151° 17'.92 E
Substitute	safe clearance depth, 40m, enclosed by danger circle for historic wreck symbol	33° 45'.7 S	151° 21'.8 E
	depth, 40m, for safe clearance depth, 45m	33° 49'.6 S	151° 18'.7 E
	depth, 24 ₁ m, enclosed by danger circle for historic wreck symbol	33° 50'.1 S	151° 17'.3 E
Delete	wreck	33° 48'.7 S	151° 20'.8 E
	wreck	33° 51'.4 S	151° 20'.8 E
	historic wreck symbol	33° 52'.1 S	151° 17'.9 E

541* AUSTRALIA - NEW SOUTH WALES - Port Macquarie - Nav aids

NSW Transport, Roads and Maritime (AA656911)

Aus 219 (plan, Port Macquarie) [444/2013]

Move	light buoy	31° 25'.67 S	152° 54'.40 E
	to	31° 25'.662 S	152° 54'.436 E
	light buoy	31° 25'.68 S	152° 54'.41 E
	to	31° 25'.687 S	152° 54'.402 E
	light buoy	31° 25'.69 S	152° 54'.07 E
	to	31° 25'.706 S	152° 54'.090 E
	light buoy	31° 25'.39 S	152° 54'.38 E
	to	31° 25'.484 S	152° 54'.435 E
Amend	light range to 3M	31° 25'.50 S	152° 55'.05 E

Aus 219 (plan, Hastings River)

Insert	port lateral cylindrical light buoy, <i>Fl.R.3s</i> , without topmark	31° 24'.939 S	152° 54'.517 E
	port lateral cylindrical buoy, without topmark	31° 24'.246 S	152° 53'.509 E
	port lateral spar buoy, without topmark	31° 23'.811 S	152° 53'.502 E
	starboard lateral conical light buoy, <i>Fl.G.3s</i> , without topmark	31° 24'.800 S	152° 53'.553 E
	starboard lateral conical light buoy, <i>Fl.G.3s</i> , without topmark	31° 25'.087 S	152° 53'.208 E
	special spar buoy, without topmark	31° 25'.213 S	152° 53'.237 E
	starboard lateral conical light buoy, <i>Fl.G.3s</i> , without topmark	31° 25'.182 S	152° 52'.829 E
	special conical buoy, without topmark	31° 24'.951 S	152° 51'.951 E
	starboard lateral conical buoy, without topmark	31° 23'.733 S	152° 51'.102 E
	port lateral cylindrical light buoy, <i>Fl.R.3s</i> , without topmark	31° 24'.090 S	152° 50'.943 E
	port lateral cylindrical light buoy, <i>Fl.R.3s</i> , without topmark	31° 24'.067 S	152° 50'.464 E
	special spar buoy, without topmark	31° 24'.515 S	152° 49'.373 E
Move	light buoy	31° 25'.69 S	152° 54'.07 E
	to	31° 25'.706 S	152° 54'.090 E
	light buoy	31° 25'.39 S	152° 54'.38 E
	to	31° 25'.484 S	152° 54'.435 E
	light buoy	31° 24'.76 S	152° 54'.55 E
	to	31° 24'.736 S	152° 54'.545 E
	light buoy	31° 24'.40 S	152° 54'.29 E
	to	31° 24'.398 S	152° 54'.314 E
	light buoy	31° 24'.41 S	152° 53'.75 E
	to	31° 24'.406 S	152° 53'.772 E
	beacon	31° 24'.30 S	152° 53'.66 E
	to	31° 24'.296 S	152° 53'.680 E
	light buoy	31° 25'.06 S	152° 52'.08 E
	to	31° 25'.071 S	152° 52'.062 E
	buoy	31° 24'.15 S	152° 51'.52 E
	to	31° 24'.169 S	152° 51'.536 E
	buoy	31° 24'.08 S	152° 51'.48 E
	to	31° 24'.107 S	152° 51'.477 E
	buoy	31° 23'.99 S	152° 51'.28 E
	to	31° 23'.974 S	152° 51'.252 E
	buoy	31° 23'.87 S	152° 51'.17 E
	to	31° 23'.850 S	152° 51'.155 E
	buoy	31° 23'.61 S	152° 51'.08 E
	to	31° 23'.578 S	152° 51'.077 E

541* AUSTRALIA - NEW SOUTH WALES - Port Macquarie – Nav aids (continued)**Aus 219 (plan, Hastings River)**

Substitute	port lateral cylindrical light buoy, <i>Fl.R.</i> 3s, without topmark for buoy	31° 24'.20 S	152° 49'.91 E
	special conical buoy, without topmark for buoy	31° 25'.10 S	152° 52'.31 E
	special conical buoy, without topmark for buoy	31° 24'.78 S	152° 52'.02 E
	special conical buoy, without topmark for buoy	31° 25'.19 S	152° 52'.60 E
Amend	light range to 3M	31° 25'.50 S	152° 55'.05 E
Delete	buoy	31° 24'.94 S	152° 54'.51 E
	beacon	31° 24'.27 S	152° 53'.57 E
	beacon	31° 23'.81 S	152° 53'.52 E
	buoy	31° 24'.79 S	152° 53'.55 E
	buoy	31° 25'.08 S	152° 53'.18 E
	depth, 4m	31° 25'.05 S	152° 52'.06 E
	buoy	31° 24'.02 S	152° 51'.41 E
	light beacon	31° 24'.06 S	152° 50'.94 E
	buoy	31° 24'.07 S	152° 50'.31 E
	depth, 3.7m	31° 24'.52 S	152° 49'.37 E
	beacon	31° 23'.99 S	152° 53'.46 E

542* AUSTRALIA - QUEENSLAND - Pumicestone Channel - Bellara - Light; light beacon

Maritime Safety Queensland Notice 387/2013 (AA673862)

Aus 235 [497/2013]

Insert	light beacon, <i>Fl.R.</i> 2.5s, with port lateral topmark	27° 04'.15 S	153° 08'.25 E
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Aus 236 [497/2013]

Insert	light beacon, <i>Fl.R.</i> 2.5s, with port lateral topmark	27° 04'.15 S	153° 08'.25 E
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Delete	light	27° 04'.2 S	153° 08'.1 E
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543* PAPUA NEW GUINEA - Port Moresby - Lark Patch - Light beacon*Former Notice - 405(T)/2013 is cancelled*

National Maritime Safety Authority PNG Notice 20/2013 (AA672406, AA673670)

Aus 505 [427/2012]

Substitute	light beacon, <i>Fl.R.</i> 3s, with port lateral topmark for light beacon	9° 31'.57 S	147° 08'.52 E
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Aus 621 [428/2012]

Insert	light beacon, <i>Fl.R.</i> 3s 7m 4M, with port lateral topmark	9° 31'.565 S	147° 08'.524 E
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Delete	light beacon	9° 31'.53 S	147° 08'.53 E
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544* AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Light buoy

Darwin Port Corporation Notices 55(T)/2013, 79(T)/2013 (AA667478, AA671776)

Aus 26 [447/2013]

Delete	light buoy	12° 30'.09 S	130° 52'.46 E
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Aus 28 [447/2013]

Delete	light buoy	12° 30'.09 S	130° 52'.46 E
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AX 00026T [447/2013]

Delete	light buoy	12° 30'.09 S	130° 52'.46 E
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545* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Nav aids

Port Hedland Port Authority (AA669368, AA674191)

Aus 52 [1076/2012]

Insert	light, <i>Fl.Bu.2s</i>	20° 17'.292 S	118° 35'.809 E
Amend	light to <i>F.Bu.27m 12M (F.R Day)</i>	20° 18'.56 S	118° 36'.01 E
Delete	light	20° 17'.31 S	118° 35'.78 E

Aus 53 [1076/2012]

Amend	light to <i>F.Bu.27m 12M (F.R Day)</i>	20° 18'.56 S	118° 36'.01 E
	light to <i>Fl.Bu.2s</i>	20° 17'.29 S	118° 35'.81 E

Aus 54 [248/2013]

Amend	light to <i>F.Bu.27m 12M (F.R Day)</i>	20° 18'.56 S	118° 36'.01 E
	light beacon to <i>Q(4)G.6s</i>	20° 18'.27 S	118° 34'.58 E
	light to <i>Fl.Bu.2s</i>	20° 17'.29 S	118° 35'.81 E
	legend to <i>Fl.Bu.2s</i>	20° 18'.51 S	118° 34'.44 E
	light to <i>F.R</i>	20° 18'.79 S	118° 34'.12 E
	light to <i>Fl.R.2s</i>	20° 19'.51 S	118° 34'.42 E
Substitute	light beacon, <i>Q</i> , without topmark for beacon	20° 18'.52 S	118° 34'.56 E
	light beacon, <i>Fl.R.3s</i> , without topmark for beacon	20° 18'.50 S	118° 34'.57 E
Delete	mooring buoy	20° 18'.34 S	118° 34'.36 E
	mooring buoy	20° 18'.32 S	118° 34'.42 E
	light	20° 19'.74 S	118° 34'.78 E

546* AUSTRALIA - WESTERN AUSTRALIA - Airlie Island to Bessieres Island - Recommended track revoked

Dampier Port Authority Notice 12/2013 (AA672193)

Aus 64 [503/2013]

Delete	recommended track with legends, between	21° 28'.9 S	114° 46'.0 E
		21° 32'.0 S	114° 48'.9 E
		21° 32'.3 S	114° 57'.6 E
		21° 30'.4 S	115° 01'.9 E
		21° 21'.0 S	115° 13'.4 E

Aus 743 [288/2013]

Delete	recommended track with legends, between	21° 28'.9 S	114° 46'.0 E
		21° 32'.0 S	114° 48'.9 E
		21° 32'.3 S	114° 57'.6 E
		21° 30'.4 S	115° 01'.9 E
		21° 21'.0 S	115° 13'.4 E

Aus 744 [329/2013]

Delete	recommended track with legends, between	21° 28'.3 S	114° 45'.4 E
		21° 32'.0 S	114° 48'.9 E
		21° 32'.3 S	114° 57'.6 E
		21° 31'.5 S	114° 59'.3 E

547* AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Wells northwards

Apache Energy Ltd (AA629433, AA671444 - AA671446)

Aus 328 [504/2013]

Insert	danger circle with legend <i>Well</i>	21° 20'.21 S	114° 04'.93 E
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Aus 329 [329/2013]

Insert	danger circle with legend <i>Well</i>	21° 20'.21 S	114° 04'.93 E
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Aus 744 [546/2013]

Insert	danger circle with legend <i>Well</i>	21° 20'.21 S	114° 04'.93 E
	danger circle with legend <i>Well</i>	21° 20'.95 S	114° 04'.39 E

548* AUSTRALIA - WESTERN AUSTRALIA - Point Maud - Mooring buoys

Department of Environment and Conservation (AA671436 - AA671439)

Aus 72 (plan, Mauds Landing) [145/2012]

Insert	conical mooring buoy	23° 08'.391 S	113° 46'.017 E
	conical mooring buoy	23° 08'.329 S	113° 45'.526 E

Delete	depth, 0.1m	23° 08'.37 S	113° 46'.04 E
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549* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Success Channel - Depth

Fremantle Ports (AA672517, AA672518)

Aus 112 [385/2013]

Substitute	depth, 10.4m for depth, 9.8m and enclosing contour	32° 04'.13 S	115° 41'.47 E
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Aus 113 [290/2013]

Insert	depth, 10.4m	32° 04'.128 S	115° 41'.475 E
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Delete	depth, 9.8m, and enclosing contour	32° 04'.11 S	115° 41'.45 E
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Aus 117 [291/2013]

Insert	depth, 10.4m	32° 04'.128 S	115° 41'.475 E
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Delete	depth, 9.8m, and enclosing contour	32° 04'.11 S	115° 41'.45 E
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AX 63112 [385/2013]

Substitute	depth, 10.4m for depth, 9.8m and enclosing contour	32° 04'.13 S	115° 41'.47 E
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AX 00117T [291/2013]

Insert	depth, 10.4m	32° 04'.128 S	115° 41'.475 E
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Delete	depth, 9.8m, and enclosing contour	32° 04'.11 S	115° 41'.45 E
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550* AUSTRALIA - SOUTH AUSTRALIA - Tumby Bay - Light

Department of Planning, Transport and Infrastructure SA (AA671454, AA671455)

Aus 485 [453/2013]

Amend	light to Q.WR.6M	34° 22'.6 S	136° 06'.4 E
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Aus 777 [452/2013]

Amend	light to Q.WR.6M with sectors	34° 22'.6 S	136° 06'.4 E
	White 251° - 302° (51°)		
	Red 302° - 353° (51°)		

551* AUSTRALIA - VICTORIA - Port Phillip - Nepean Bay - Nav aids

Victorian Notice 69/2013 (AA672031)

Aus 143 [296/2013]

Insert	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.02 S	144° 39'.32 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.21 S	144° 40'.46 E
	special conical buoy without topmark	38° 18'.34 S	144° 41'.23 E

Aus 144 [454/2013]

Insert	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.023 S	144° 39'.316 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.170 S	144° 39'.401 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.286 S	144° 39'.716 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.339 S	144° 40'.057 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.214 S	144° 40'.463 E
	special conical buoy without topmark	38° 18'.177 S	144° 40'.847 E
	special conical buoy without topmark	38° 18'.343 S	144° 41'.229 E
Delete	light buoy	38° 18'.23 S	144° 39'.57 E

Aus 158 [391/2013]

Insert	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.023 S	144° 39'.316 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.170 S	144° 39'.401 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.286 S	144° 39'.716 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.339 S	144° 40'.057 E
	special light beacon, <i>Fl. Y.5s</i> , with topmark	38° 18'.214 S	144° 40'.463 E
	special conical buoy without topmark	38° 18'.177 S	144° 40'.847 E
	special conical buoy without topmark	38° 18'.343 S	144° 41'.229 E
Delete	light buoy	38° 18'.23 S	144° 39'.57 E

552(T)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information*Former Notice - 395(T)/2013 is cancelled*

Newcastle Port Corporation (AA672872)

Available depths as at 16 May 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Eastern Basin 1	11.3	
Eastern Basin 2 North of Ch 450	11.6	
Eastern Basin 2 South of Ch 450	11.6	
Western Basin 3	11.6	
Western Basin 4	11.6	
Channel Berth	9.7	
Dyke 1	12.8	
Dyke 2	12.8	
Dyke 4	16.5	
Dyke 5	15.9	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.8	
BHP Wharf 6 to Ch 1050	7.3	
Kooragang 2	11.6	
Kooragang 2 North Dolphin Ch 182 to 228	11.6	
Kooragang 2 South Dolphin Ch -92 to 00	11.0	
Kooragang 3	13.2	
Kooragang 4	16.5	
Kooragang 5	16.5	
Kooragang 6	16.4	
Kooragang 7	16.5	
Kooragang 8	16.2	
Kooragang 9	16.0	
* Kooragang 10	16.3	
Throsby 1	8.4	
Carrington Wharf		To be sounded as and when required
Foreshore Park Berth	5.9	
Elgo Wharf		To be sounded as and when required
<i>Channels</i>		
Entrance Approach	17.7	
Entrance Channel (18.0m)	18.0	
Entrance Channel (17.4m)	17.4	
Entrance Channel (16.8m)	16.8	
Entrance Channel (16.2m)	16.2	
Entrance Channel to Horseshoe	15.2	
Horseshoe	15.0	
Steelworks Channel to Swinging Basin	15.0	
Swinging Basin	15.0	
Hunter River South Arm (Kooragang 6 to buoy 16)	15.0	
* Hunter River South Arm (buoy 16 to buoy 20)	15.0	
Basin Cutting	12.6	
Basin Area to Eastern & Western Basin Berths	12.3	
Basin Area to 1 Throsby	9.4	
Stockton Crossing	3.6	
* Indicates revised entry.		

Chart temporarily affected - Aus 207 - Aus 208**553(T)/2013 AUSTRALIA - QUEENSLAND - Gold Coast - The Broadwater - Nav aids restored***Former Notice - 143(T)/2013 is cancelled*

Maritime Safety Queensland Notice 406/2013 (AA674632)

Cancel this notice on receipt.

Chart formerly affected - Aus 230

31 May 2013

554(T)/2013 AUSTRALIA - QUEENSLAND - Gold Coast - Nerang River - Harbour works

Former Notice - 458(T)/2013 is cancelled

Date - Until 30 June 2014

Maritime Safety Queensland Notices 327(T)/2013, 418(T)/2013 (AA668391, AA675328)

Construction works on the Gold Coast bridge are in progress.

The *F.Bu* lights in positions 27° 58'.62 S 153° 25'.27 E and 27° 58'.61 S 153° 25'.28 E are unlit.

Lateral light buoys will be positioned to guide vessels through the construction zone and beneath the relevant bridge navigation span as required. The temporary navigation span is 4m HAT during normal conditions.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

555(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information*Former Notice - 511(T)/2013 is cancelled*

Brisbane Port Corporation (AA674977)

Available depths and under keel clearances (UKC) at 22 May 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No12	14.0	
Fisherman Islands No11	13.4	
Fisherman Islands No10	13.3	
* Fisherman Islands No9	13.2	
* Fisherman Islands No8	13.2	
* Fisherman Islands No7	13.2	
* Fisherman Islands No6	13.6	
* Fisherman Islands No5	13.2	
* Fisherman Islands No4	13.1	
Fisherman Islands No3	12.9	
Fisherman Islands No2	13.0	
* Fisherman Islands No1	12.9	
Fisherman Islands Grain and Woodchip	12.2	
* Caltex Fisherman Islands	14.1	
* Fisherman Islands Coal	14.2	
* Fisherman Islands General Purpose	10.6	
BP Luggage Point	14.1	
* Caltex Products	10.0	
* Cement Australia Co Wharf	9.7	
BP Products	10.5	
* Shell	10.9	
Pacific Terminals	10.5	
* Incitec North	8.8	
* Incitec South	8.6	
* Pinkenba 1	10.4	
* Pinkenba 2	10.4	
Riverside Marina	-	
Sugar Terminal	9.9	
Cairncross Fitting Out Wharf	7.4	
Cairncross Breasting Wharf	5.5	
Brisbane Naval Wharf	4.3	
* Maritime No1	9.0	
* Hamilton No4	10.3	
* Hamilton No1	8.3	
* Brisbane Cruise Ship Terminal	8.2	
	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay:</i>		
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width) Shoaling least depth, 14.6m, exists in position 27° 02'.39 S 153° 15'.66 E.
East Knoll Bypass Channel	6.0	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5
<i>Brisbane River:</i>		
* Outer Bar Cutting	14.0	1.46
Inner Bar Cutting	13.5	1.46
Fisherman Islands Swing Basin	13.6	1.3
* River	9.1/9.0	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
* Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
* Hamilton Swing Basin	8.5	0.6 / 0.9 (draft/tide)
* Indicates new or revised entry.		

Chart temporarily affected - Aus 235 - Aus 236 - Aus 237 - Aus 238 - Aus 814 - Aus 815

31 May 2013

556(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Dredging operations completed*Former Notice - 150(T)/2013 is cancelled*

Maritime Safety Queensland Notice 390(T)/2013 (AA672894)

Cancel this notice on receipt.

Chart formerly affected - Aus 235**557(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed***Former Notice - 397(T)/2013 is cancelled*

Maritime Safety Queensland Notice 265(T)/2013 (AA664123)

Cancel this notice on receipt.

Chart formerly affected - Aus 248 - Aus 367 - Aus 820 - AX 00367S - AX 00820S**558(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Triangular Island - Live firing completed***Former Notice - 465(T)/2013 is cancelled*

Maritime Safety Queensland Notice 267(T)/2013 (AA664124)

Cancel this notice on receipt.

Chart formerly affected - Aus 260 - Aus 367 - Aus 822 - AX 00260S - AX 00260T - AX 00367S - AX 00822S**559(T)/2013 AUSTRALIA - QUEENSLAND - Cape Cleveland - Wreck**

Maritime Safety Queensland Notice 407(T)/2013 (AA674848)

A wreck marked by a special light buoy, *Fl. Y. 2s*, exists in position 19° 10'.51 S 146° 59'.80 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 827**560(T)/2013 AUSTRALIA - QUEENSLAND - Singleton Rock to Reeves Shoal - AIS trial***Former Notice - 513(T)/2013 is cancelled**Date - Until 15 August 2013*

Australian Maritime Safety Authority Final ATH 10/2013, 11/2013, 12/2013 (AA668138, AA668136, AA668137, AA670031)

Virtual AIS units exist as follows:

<i>MMSI</i>	<i>Position (WGS84 datum)</i>	<i>Remarks</i>
995036057	10° 31'.62 S 142° 26'.80 E	South cardinal mark
995036058	11° 25'.35 S 142° 56'.25 E	Isolated danger mark
995036059	14° 09'.70 S 144° 35'.76 E	Isolated danger mark

Chart temporarily affected - Aus 270 - Aus 292 - Aus 293 - Aus 833 - Aus 835 - Aus 839 - Aus 841**561(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Drill rig***Former Notice - 349(T)/2013 is cancelled**Date - Until 25 July 2013*

National Maritime Safety Authority PNG Notice 25/2013 (AA674767)

Drill rig *Stena Clyde* is conducting drilling operations in position 8° 35'.38 S 145° 07'.98 E. A 2000m exclusion zone exists around the vessel.**Chart temporarily affected - Aus 378 - Aus 4620 (INT 620) - AX 04620U**

562(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Light buoys*Date* - Until 31 July 2013

Darwin Port Corporation Notice 81(T)/2013 (AA674254, AA675559)

Special spar light buoys, Q.Y, exist in positions 12° 30'.234 S 130° 52'.728 E and 12° 30'.234 S 130° 52'.729 E.

Chart temporarily affected - Aus 26 - Aus 27 - Aus 28 - AX 00026T**563(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Seismic survey***Date* - Until 30 April 2014

Petroleum Geo-Services (AA672403 - AA672405)

MV *Ramform Explorer*, with a 7000m towed array, and support vessels *Nautika Pride* and *No Limits* are conducting a survey in the area bounded by the following positions:

13° 00'.00 S 122° 25'.02 E
 13° 00'.00 S 124° 04'.98 E
 13° 40'.02 S 124° 04'.98 E
 14° 12'.75 S 123° 14'.72 E
 14° 46'.72 S 122° 33'.54 E
 14° 46'.72 S 122° 25'.02 E.

Chart temporarily affected - Aus 319 - Aus 320 - Aus 322 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00319U - AX 00322U - AX 04721U - AX 04722U**564(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Light buoys***Date* - Until 1 March 2014

Dampier Port Authority Notice 19/2013 (AA675281)

A lit orange mooring buoy, Q.Y, exists in position 20° 37'.01 S 116° 44'.87 E.

Special light buoys, Q.Y, exist in the following positions:

20° 36'.99 S 116° 44'.90 E
 20° 37'.00 S 116° 44'.87 E
 20° 37'.00 S 116° 44'.84 E
 20° 36'.95 S 116° 44'.83 E.

Chart temporarily affected - Aus 59**565(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey northeastwards***Date* - Until 20 July 2013

Karoo Gas Australia Ltd (AA670206 - AA670208)

MV *Geo Caspian* with a 6000m towed array and support vessels MV *Cassandra VI* and MV *Guard Merlin* are conducting a survey in the area bounded by the following positions:

17° 31'.51 S 116° 22'.33 E
 17° 48'.52 S 116° 55'.23 E
 18° 30'.29 S 116° 26'.58 E
 18° 13'.58 S 115° 53'.53 E.

Chart temporarily affected - Aus 327 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - AX 04722U - AX 04723U**566(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Seismic survey completed southwestwards***Former Notice* - 313(T)/2013 is cancelled

Apache Energy Ltd (AA674302)

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 328 - Aus 742

567(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments recovered northwards*Former Notice* - 622(T)/2011 is cancelled

A Harmer (AA674074), MetOcean Engineers (AA669785)

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 328**568(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Rock dumping***Date* - Until 1 March 2014

Department of Transport WA (AA675333)

SDV *Joseph Plateau* and *Nordnes* are conducting rock dumping operations between the following positions:

20° 41'.32 S 115° 24'.73 E

20° 41'.37 S 115° 24'.72 E

20° 35'.58 S 115° 09'.51 E

20° 35'.14 S 115° 09'.31 E.

All vessels will display appropriate lights and shapes and will monitor VHF Ch 9, Ch 11 and Ch 16.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 742**569(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey completed northwestwards***Former Notice* - 357(T)/2013 is cancelled

Chevron Australia Pty Ltd (AA675383)

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 742**570(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwards***Former Notice* - 526(T)/2013 is cancelled*Date* - Until 15 August 2013

Australian Maritime Safety Authority Aus coast Warning 151/2013 (AA675278), BHP Billiton Petroleum Pty Ltd (AA675335)

Drill rig *Nan Hai 6* is conducting drilling operations in position 21° 31'.36 S 114° 07'.42 E.**Chart temporarily affected - Aus 328 - Aus 329 - Aus 744****571(T)/2013 AUSTRALIA - TASMANIA - Frederick Henry Bay - Isle of Caves - Light relit***Former Notice* - 531(T)/2013 is cancelled

Marine and Safety Tasmania Notice M61/2013 (AA674281)

Cancel this notice on receipt.

Chart formerly affected - Aus 171 - Aus 796

572(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Yarraville - Harbour works

Date - Until 21 June 2013

Victorian Notice 73(T)/2013 (AA674856)

Works associated with the demolition of derelict wharf and the construction of a rock revetment and retaining wall are in progress at berth 5 (37° 49'.18 S 144° 54'.34 E).

Barge 74 and support vessels are on site and will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

HYDROGRAPHIC REPORTS

Nil Reports.

NAVIGATION WARNINGS

The following radio messages have been received during the period to 30 May 2013. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

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

AUSCOAST WARNING

- 140 Drill rig *Atwood Falcon* in position 20° 04'.23 S 115° 11'.00 E. 2.5M clearance requested.
- 141 Cancelled.
- 142 Cancelled.
- 143 Cancelled.
- 144 Cancelled.
- 145 Norah Head light K2712 in position 33° 17'.0 S 151° 34'.5 E reduced power.
- 146 Cancelled.
- 147 Cancelled.
- 148 Cancelled.
- 149 Special purpose vessel *Polarcus Alima* conducting seismic survey towing 12 x 5M cable in an area bounded by 16° 40'.0 S to 17° 50'.0 S and 117° 15'.0 E to 118° 10'.0 E. End of cables marked with tail buoys and flashing lights. 6M clearance requested.
- 150 Herald Patches light buoy K1890 in position 10° 30'.16 S 142° 21'.51 E unlit.
- 151 Drill rig *Nan Hai 6* in position 21° 31'.4 S 114° 07'.5 E. 2.5M clearance requested.
- 152 Cancelled.

NAVAREA X WARNINGS

- 025 Cancelled.
- 026 Cancelled.

Navigational warnings in force as at 300001UTC MAY 13.

Auscoast

2012 318

2013 014 019 024 026 028 063 075 091 096 098 099 105 109 110 111 121 122 123 125 132 134 135 140 145 149 150 151

Navarea X

Nil

Summary of mobile drilling rigs as at 300001UTC MAY 13.

<i>Name</i>	<i>Position</i>
Jack Bates	13° 24'.93 S 123° 18'.21 E
Transocean Legend	13° 44'.28 S 122° 20'.13 E
Ensco 109	20° 00'.38 S 115° 38'.29 E
Atwood Falcon	20° 04'.23 S 115° 11'.00 E
Ensco 104	21° 19'.51 S 115° 06'.45 E
Atwood Osprey	20° 24'.30 S 114° 50'.57 E
Ocean America	20° 45'.41 S 114° 44'.00 E
Deepwater Frontier	19° 47'.59 S 114° 38'.93 E
Nan Hai 6	21° 31'.40 S 114° 07'.50 E
Noble Clyde Boudreaux	22° 05'.20 S 113° 10'.85 E
Atwood Eagle	20° 57'.49 S 113° 05'.67 E

NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 300001UTC MAY 13.

2013 031 035

2012 076