



**9 August 2013**

**Edition 16**

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

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# **AUSTRALIAN NOTICES TO MARINERS**

**Notices 786 – 840**

Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN  
*Hydrographer of Australia*

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## **SECTIONS.**

- I. Australian Notices to Mariners, including blocks and notes.**
- II. Hydrographic Reports.**
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## **SUPPLEMENTS.**

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- IV. Temporary and Preliminary Notices in force.**
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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.

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## 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.

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## 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](mailto: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](http://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](mailto:rccaus@amsa.gov.au)).

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## AUTHORISED USE

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**786 AUSTRALIA - Product**

Australian Hydrographic Service (AA687613)

**New Edition**

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Index Chart</i>	<i>Price</i>
Aus 56	9/8/2013	Australia - North West Coast - Western Australia - Port Walcott 20° 32'.6 S - 20° 39'.6 S 117° 09'.4 E - 117° 14'.1 E <i>Limited new edition which includes new Terminal B and nav aids.</i>	1:12 500	Aus 5000	\$35.00
Aus 606	9/8/2013	Indian Ocean - Approaches to Cocos (Keeling) Islands 11° 35'.0 S - 12° 28'.0 S 96° 32'.0 E - 97° 12'.0 E <i>New edition referred to WGS84 datum; with general updating throughout.</i>	1:150 000	Aus 5000	\$35.00
Aus 607	9/8/2013	Indian Ocean - Cocos (Keeling) Islands - South Keeling Islands 11° 59'.5 S - 12° 13'.5 S 96° 48'.0 E - 96° 57'.0 E Plan: North Keeling Island 11° 48'.5 S - 11° 51'.5 S 96° 47'.7 E - 96° 50'.7 E <i>New edition referred to WGS84 datum; with general updating throughout.</i>	1:50 000    1:25 000	Aus 5000	\$35.00

**New Chart to be published shortly**

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 637	Papua New Guinea - North East Coast - Trobriand Islands Plans: Kitava Island Losuia Harbour	1:50 000  1:37 500 1:15 000	23 August 2013

**Chart permanently withdrawn**

<i>Chart</i>	<i>On publication of new edition</i>
Aus 56	Aus 56
Aus 606	Aus 606
Aus 607	Aus 607

**Admiralty publication**

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP286(4)	Admiralty List of Radio Signals. Pilot Services, Vessel Traffic Services and Port Operations. Indian sub-continent, South East Asia and Australasia.	08/08/2013	The 2012/13 edition is cancelled.

For further details refer to the AHS website at [www.hydro.gov.au](http://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.

**787 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2013**

Australian Hydrographic Service (AA688485)

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*Amend* Brisbane Bar To Chart Datum AUS 237 NC 26 JUL 2013 0.0  
 Brisbane Bar To Chart Datum AUS 238 NE 31 MAY 2013 0.0

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*Amend* East Moncoeur I. (Port No 60615) To Chart Datum to 0.0  
 Curtis I. (Port No 60617) To Chart Datum to 0.0

**788\* AUSTRALIA - NEW SOUTH WALES - Bellambi Point - Historic wreck**

NSW Department of Environment and Heritage (AA680921)

**Aus 195 [671/2013]**

Move	magenta legend, <i>Historic Wk</i> (see Note)	34° 22'.3 S	150° 56'.1 E
	to	34° 22'.0 S	150° 56'.1 E

**789\* AUSTRALIA - NEW SOUTH WALES - Newcastle - Infrastructure; lights; depths**

Newcastle Port Corporation (AA579577 - AA579579, AA641735)

**Aus 207 [676/2013]**

Insert	<a href="#">accompanying block</a>	32° 54'.0 S	151° 45'.4 E
	light, <i>F.G</i> & <i>F.R.</i> 33m	32° 52'.224 S	151° 43'.835 E
	dashed line, between	32° 52'.224 S	151° 43'.835 E
		32° 52'.485 S	151° 44'.293 E

**790\* AUSTRALIA - NEW SOUTH WALES - Perpendicular Point - Light buoy southeastwards**

Department of Sustainability, Environment, Water, Population and Communities (AA685674)

**Aus 811 [1174/2012]**

Insert	out of position special spar light buoy, <i>Fl. Y. 15s</i> , without topmark	31° 40'.67 S	152° 54'.62 E
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**791\* AUSTRALIA - QUEENSLAND - Abbot Point - Light buoy**

Maritime Safety Queensland Notice 583(T)/2013 (AA687058)

**Aus 255 [1118/2012]**

Move	light buoy	19° 52'.06 S	148° 05'.96 E
	to	19° 51'.975 S	148° 05'.845 E

**792\* AUSTRALIA - QUEENSLAND - Burnett River - Crescent Point - Lights; navline**

Maritime Safety Queensland (AA686379)

**Aus 242 (plan, Burnett River (Southern Section)) [575/2013]**

Delete	continuous line with legend 2F.Bu $\neq$ 319°, between	24° 48'.80 S	152° 21'.76 E
		24° 48'.86 S	152° 21'.82 E

**Aus 242 (plan, Burnett River (Northern Section))**

Delete	light	24° 48'.44 S	152° 21'.43 E
	light	24° 48'.49 S	152° 21'.47 E
	dashed and continuous line with legend 319°, emanating from light	24° 48'.44 S	152° 21'.43 E

**793\* AUSTRALIA - QUEENSLAND - Caloundra - Historic wreck**  
Australian Hydrographic Service (AA687427)

**Aus 235 [743/2013]**

Insert	stranded wreck with magenta legend, <i>Historic Wk</i> (see Note)	26° 46'.86 S	153° 08'.36 E
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Delete	depth, 4 <sub>3</sub> m	26° 46'.8 S	153° 08'.4 E
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**Aus 815 [743/2013]**

Insert	stranded wreck with magenta legend, <i>Historic Wk</i> (see Note)	26° 46'.86 S	153° 08'.36 E
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**794\* AUSTRALIA - QUEENSLAND - Frankland Islands - High Island - Wreck eastwards**  
Department of Environment and Heritage Protection (AA687059)

**Aus 830 [683/2013]**

Insert	safe clearance depth, 20m, enclosed by danger circle with legend, <i>Wk</i>	17° 08'.56 S	146° 05'.23 E
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**AXA 0830T [683/2013]**

Insert	safe clearance depth, 20m, enclosed by danger circle with legend, <i>Wk</i>	17° 08'.56 S	146° 05'.23 E
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**795\* AUSTRALIA - QUEENSLAND - Gladstone - Anchorages**  
Maritime Safety Queensland Notice 526/2013 (AA682833)

**Aus 246 [1116/2012]**

Insert	anchor berth, desig <i>LNG1</i> , with 800m radius swinging circle	23° 51'.0 S	151° 37'.8 E
	anchor berth, desig <i>LNG2</i> , with 800m radius swinging circle	23° 52'.0 S	151° 37'.8 E
	anchor berth, desig <i>LNG3</i> , with 800m radius swinging circle	23° 53'.0 S	151° 37'.8 E
	anchor berth, desig <i>LNG4</i> , with 800m radius swinging circle	23° 54'.0 S	151° 37'.8 E

**Aus 819 [1238/2012]**

Insert	anchor berth, desig <i>LNG1</i>	23° 51'.0 S	151° 37'.8 E
	anchor berth, desig <i>LNG2</i>	23° 52'.0 S	151° 37'.8 E
	anchor berth, desig <i>LNG3</i>	23° 53'.0 S	151° 37'.8 E
	anchor berth, desig <i>LNG4</i>	23° 54'.0 S	151° 37'.8 E

**796\* AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Light beacons**  
Maritime Safety Queensland Notice 570/2013 (AA686043)

**Aus 256 [630/2013]**

Amend	light beacon to <i>Iso.G.2s</i>	19° 09'.8 S	146° 51'.4 E
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**Aus 256 (plan, Nelly Bay)**

Amend	light beacon to <i>Iso.G.2s No1</i>	19° 09'.75 S	146° 51'.37 E
	light beacon to <i>Iso.R.2s No2</i>	19° 09'.75 S	146° 51'.34 E
	light beacon to <i>Iso.G.2s No3</i>	19° 09'.69 S	146° 51'.37 E
	light beacon to <i>Iso.R.2s No4</i>	19° 09'.69 S	146° 51'.34 E
	light beacon to <i>Iso.G.2s No5</i>	19° 09'.63 S	146° 51'.37 E
	light beacon to <i>Iso.R.2s No6</i>	19° 09'.63 S	146° 51'.34 E

**797\* AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Light buoys***Former Notice - 460(T)/2013 is cancelled*

Maritime Safety Queensland Notice 615/2013 (AA689113)

**Aus 235 [793/2013]**

Move	light buoy	26° 57'.9 S	153° 19'.9 E
	to	27° 00'.01 S	153° 19'.96 E
	light buoy	26° 57'.4 S	153° 20'.5 E
	to	26° 57'.59 S	153° 20'.32 E

**Aus 236 [743/2013]**

Insert	port lateral pillar light buoy, <i>Fl.R.2-5s</i> , without topmark	26° 57'.59 S	153° 20'.32 E
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Move	light buoy	26° 57'.9 S	153° 19'.9 E
	to	27° 00'.01 S	153° 19'.96 E

**Aus 814 [743/2013]**

Move	light buoy	26° 57'.4 S	153° 20'.5 E
	to	26° 57'.59 S	153° 20'.32 E

**Aus 815 [793/2013]**

Move	light buoy	26° 57'.4 S	153° 20'.5 E
	to	26° 57'.59 S	153° 20'.32 E

**798\* AUSTRALIA - QUEENSLAND - Mourilyan Harbour - Depths; nav aids; security limit**

Ports North (DHDB 2375782)

**Aus 258 (plan, Mourilyan Harbour) [445/2013]**

Insert	<a href="#">accompanying block</a>	17° 36'.0 S	146° 07'.5 E
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Delete	security limit, between	17° 35'.89 S	146° 07'.78 E
		17° 35'.85 S	146° 07'.75 E

**Aus 258 (plan, Gladys Inlet to King Reefs)**

Insert	<a href="#">accompanying block</a>	17° 36'.0 S	146° 07'.7 E
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**799\* AUSTRALIA - QUEENSLAND - Mudjimba Island - Light buoy eastwards***Former Notice - 304(T)/2013 is cancelled*

Maritime Safety Queensland Notice 587/2013 (AA687056)

**Aus 815 [797/2013]**

Delete	light buoy	26° 36'.6 S	153° 10'.1 E
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**800\* AUSTRALIA - QUEENSLAND - Nares Rock - Obstruction southwestwards**  
Great Barrier Reef Marine Park Authority (AA687556)

**Aus 825** [284/2013]

Insert	depth, 31m, enclosed by 0.27M radius danger circle with legend, <i>Obstn</i>	19° 50'.28 S	148° 19'.02 E
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**Aus 826** [376/2013]

Insert	depth, 31m, enclosed by 0.27M radius danger circle with legend, <i>Obstn</i>	19° 50'.28 S	148° 19'.02 E
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**Aus 4620 (INT 620)** [746/2013]

Insert	depth, 31m, enclosed by danger circle with legend, <i>Obstn</i>	19° 50'.3 S	148° 19'.0 E
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**Aus 4621 (INT 621)** [186/2013]

Insert	depth, 31m, enclosed by danger circle with legend, <i>Obstn</i>	19° 50'.3 S	148° 19'.0 E
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**AX 04620U** [746/2013]

Insert	depth, 31m, enclosed by danger circle with legend, <i>Obstn</i>	19° 50'.3 S	148° 19'.0 E
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**AX 04621U** [186/2013]

Insert	depth, 31m, enclosed by danger circle with legend, <i>Obstn</i>	19° 50'.3 S	148° 19'.0 E
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**801\* PAPUA NEW GUINEA - Bell Point - Wreck southeastwards**

National Maritime Safety Authority PNG Notice 35/2013 (AA686044)

**Aus 378** [746/2013]

Insert	out of position dangerous wreck	8° 10'.19 S	144° 08'.17 E
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**802\* AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Wreck**

HMAS *Benalla* H1537 (AA685423)

**Aus 309** [633/2013]

Insert	depth, 17 <sub>5</sub> m, enclosed by danger circle with legend, <i>Wk</i>	12° 10'.21 S	130° 48'.59 E
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**Aus 722** [382/2013]

Insert	depth, 17 <sub>5</sub> m, enclosed by danger circle with legend, <i>Wk</i>	12° 10'.21 S	130° 48'.59 E
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Delete	depth, 19 <sub>3</sub> m	12° 10'.5 S	130° 48'.6 E
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**AX 00309T** [633/2013]

Insert	depth, 17 <sub>5</sub> m, enclosed by danger circle with legend, <i>Wk</i>	12° 10'.21 S	130° 48'.59 E
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**AX 00309U** [633/2013]

Insert	depth, 17 <sub>5</sub> m, enclosed by danger circle with legend, <i>Wk</i>	12° 10'.21 S	130° 48'.59 E
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**AX 00722T** [382/2013]

Insert	depth, 17 <sub>5</sub> m, enclosed by danger circle with legend, <i>Wk</i>	12° 10'.21 S	130° 48'.59 E
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Delete	depth, 19 <sub>3</sub> m	12° 10'.5 S	130° 48'.6 E
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**803\* AUSTRALIA - NORTHERN TERRITORY - Cape Stewart - Historic wreck northwards**

Department of Sustainability, Environment, Water, Population and Communities (AA687047, AA687048)

**Aus 717 [345/2011]**

Insert	restricted area with radius 0.43M, centred on <a href="#">accompanying note</a>	11° 41'.50 S 12° 18'.0 S	134° 36'.67 E 134° 45'.0 E
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Amend	legend to magenta legend <i>Historic Wk with Protected Zone (see Note)</i>	11° 41'.4 S	134° 37'.3 E
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**Aus 718 [345/2011]**

Insert	restricted area with radius 0.43M, centred on <a href="#">accompanying note</a>	11° 41'.50 S 12° 07'.8 S	134° 36'.67 E 134° 00'.0 E
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Amend	legend to magenta legend <i>Historic Wk with Protected Zone (see Note)</i>	11° 41'.4 S	134° 37'.3 E
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**804\* AUSTRALIA - WESTERN AUSTRALIA - Cape Talbot - Depth**

Australian Hydrographic Service (AA687644)

**Aus 727 [636/2013]**

Insert	depth, 17 <sub>9</sub> m, enclosed by contour	13° 44'.15 S	126° 43'.16 E
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Delete	depth, 23 <sub>5</sub> m	13° 44'.4 S	126° 43'.0 E
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**805\* AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Oil field northwards***Former Notice - 171(T)/2013 is cancelled*

NOPSEMA (DHDB 2260060), Santos Ltd (AA685342)

**Aus 327 [691/2013]**

Insert	<a href="#">accompanying block</a>	19° 21'.0 S	116° 41'.0 E
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**Aus 741 [690/2013]**

Insert	<a href="#">accompanying block</a>	19° 20'.0 S	116° 45'.0 E
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**Aus 4722 (INT 722) [501/2013]**

Insert	<a href="#">accompanying block</a>	19° 40'.0 S	116° 40'.0 E
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**Aus 4723 (INT 723) [750/2013]**

Insert	<a href="#">accompanying block</a>	19° 40'.0 S	116° 25'.0 E
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**AX 04722U [501/2013]**

Insert	<a href="#">accompanying block</a>	19° 40'.0 S	116° 40'.0 E
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**AX 04723U [750/2013]**

Insert	<a href="#">accompanying block</a>	19° 40'.0 S	116° 25'.0 E
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**806\* AUSTRALIA - WESTERN AUSTRALIA - Steep Point - Unexploded ordnance westwards**

Department of Sustainability, Environment, Water, Population and Communities (AA686147)

**Aus 4725 (INT 725) [691/2013]**

Insert	magenta legend <i>UXO (see Note)</i> , centred on <a href="#">accompanying note</a>	26° 15'.0 S 25° 18'.0 S	111° 05'.0 E 114° 34'.0 E
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**807\* AUSTRALIA - SOUTH AUSTRALIA - Adelaide - Gulf Point Marina - Depths**  
HydroSurvey Australia (DHDB 2349672)

**Aus 137 [332/2013]**

Insert	<a href="#">accompanying block</a>	34° 47'.3 S	138° 29'.0 E
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**808\* AUSTRALIA - SOUTH AUSTRALIA - Franklin Harbor - Cowell - Light beacons**  
UKHO (AA685571)

**Aus 777 (plan, Franklin Harbor) [550/2013]**

Amend	light beacon to <i>Fl.G.3s</i>	33° 41'.22 S	136° 55'.95 E
	light beacon to <i>Q.R</i>	33° 41'.28 S	136° 56'.08 E

**809\* AUSTRALIA - VICTORIA - Port Phillip - Geelong - Point Richards Channel - Virtual AIS**  
Victorian Notice 115/2012 (AA619800)

**Aus 157 [1194/2012]**

Insert	port lateral, <i>No6A</i> , virtual AIS	38° 05'.566 S	144° 36'.499 E
	port lateral, <i>No4A</i> , virtual AIS	38° 05'.335 S	144° 37'.318 E

**810\* AUSTRALIA - VICTORIA - Western Port - Flinders Bank - Wreck**  
P Taylor (AA477589)

**Aus 150 [756/2013]**

Insert	safe clearance depth, <i>30m</i> , enclosed by danger circle with legend, <i>Wk</i>	38° 32'.30 S	145° 04'.07 E
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**Aus 151 [756/2013]**

Insert	safe clearance depth, <i>30m</i> , enclosed by danger circle with legend, <i>Wk</i>	38° 32'.304 S	145° 04'.070 E
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**Aus 487 [895/2012]**

Insert	safe clearance depth, <i>30m</i> , enclosed by danger circle with legend, <i>Wk</i>	38° 32'.30 S	145° 04'.07 E
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Delete	depth, <i>31m</i>	38° 32'.5 S	145° 04'.0 E
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**Aus 801 [756/2013]**

Insert	safe clearance depth, <i>30m</i> , enclosed by danger circle with legend, <i>Wk</i>	38° 32'.30 S	145° 04'.07 E
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**811\* AUSTRALIA - TASMANIA - Launceston - North Esk River - Infrastructure**  
*Former Notice - 527(T)/2012 is cancelled*  
Marine and Safety Tasmania (AA598633 - AA598635)

**Aus 168 (plan, Launceston Wharves) [793/2012]**

Insert	<a href="#">accompanying block</a>	41° 25'.95 S	147° 07'.95 E
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**Aus 168 (inset, Tamar River to Launceston)**

Insert	<a href="#">accompanying block</a>	41° 25'.95 S	147° 07'.95 E
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**812(T)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information**

Former Notice - 700(T)/2013 is cancelled

Newcastle Port Corporation (AA687986)

Available depths as at 1 August 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	12.6	
Dyke 2	12.3	
* Dyke 4	15.4	
* Dyke 5	16.3	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.8	
BHP Wharf 6 to Ch 1050	7.3	
Kooragang 2	11.4	
Kooragang 2 North Dolphin Ch 182 to 228	11.4	
Kooragang 2 South Dolphin Ch -92 to 00	11.1	
Kooragang 3 Ch -40 to 00	11.8	
Kooragang 3 Ch 00 to 220	13.3	
Kooragang 4	16.3	
Kooragang 5	16.5	
Kooragang 6	16.2	
Kooragang 7	16.2	
Kooragang 8	16.0	
Kooragang 9	15.9	
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 new or revised entry.

**Chart temporarily affected – Aus 207 – Aus 208****813(T)/2013 AUSTRALIA - QUEENSLAND - Fitzalan Passage - Light buoy off station**

Maritime Safety Queensland Notice 591(T)/2013 (AA688002)

The special light buoy, *Fl.Y.2-5s* (20° 17'.85 S 148° 55'.00 E), is off station.**Chart temporarily affected – Aus 252 – Aus 253 – Aus 254**

**814(T)/2013 AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Obstruction**  
Maritime Safety Queensland Notice 602(T)/2013 (AA688518)

An obstruction exists in position 19° 09'.57 S 146° 51'.29 E.

**Chart temporarily affected – Aus 256**

**815(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information**

Former Notice - 764(T)/2013 is cancelled

Brisbane Port Corporation (AA688767), Maritime Safety Queensland Notice 1305(T)/2012 (AA643540)

Available depths and under keel clearances (UKC) at 6 August 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No12	14.0	
Fisherman Islands No11	13.3	
Fisherman Islands No10	13.2	
Fisherman Islands No9	13.1	
Fisherman Islands No8	13.8	
Fisherman Islands No7	13.9	
Fisherman Islands No6	14.0	
Fisherman Islands No5	13.1	
* Fisherman Islands No4	13.1	
Fisherman Islands No3	13.6	
Fisherman Islands No2	13.0	
Fisherman Islands No1	14.0	
Fisherman Islands Grain and Woodchip	12.1	
Caltex Fisherman Islands	14.5	
Fisherman Islands Coal	14.0	
Fisherman Islands General Purpose	10.6	
* BP Luggage Point	14.1	
Caltex Products	10.1	
* Cement Australia Co Wharf	9.7	
BP Products	10.5	
* Shell	9.7	
* Pacific Terminals	10.1	
Incitec North	9.2	
Incitec South	10.1	
Pinkenba 1	10.4	
Pinkenba 2	10.4	
Riverside Marina	-	
Sugar Terminal	9.8	
Cairncross Fitting Out Wharf	7.4	
* Cairncross Breasting Wharf	5.0	
Brisbane Naval Wharf	4.3	
Maritime No1	8.9	
Hamilton No4	10.2	
Hamilton No1	8.8	
Brisbane Cruise Ship Terminal	8.7	
	<i>Metres</i>	<i>UKC/Remarks</i>
Moreton Bay:		
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
Brisbane River:		
Outer Bar Cutting	14.0	1.46
* Inner Bar Cutting	14.0	1.46
Fisherman Islands Swing Basin	14.0	1.3
River	9.1	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	9.1	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**

**816(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Light beacon destroyed**  
 Maritime Safety Queensland Notice 610(T)/2013 (AA688920)

No4 light beacon, *Fl.R* (27° 09'.03 S 153° 03'.26 E), has been destroyed; a port lateral light buoy, *Q.R*, exists in situ.

**Chart temporarily affected – Aus 236**

**817(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Triangular Island - Live firing**

*Former Notice* - 650(T)/2013 is cancelled

*Date* - Until 2 September 2013

Maritime Safety Queensland Notice 611(T)/2013 (AA688905)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 15 August to 1 September 2013.

A marine danger area extends to all waters within a 3M radius of position 22° 23'.0 S 150° 30'.3 E.

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

Mariners are advised to keep clear of this area throughout the above times.

**Chart temporarily affected – Aus 260 – Aus 367 – Aus 822 – AX 00260S – AX 00260T – AX 00367S – AX 00822S**

**818(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Harbour works**

*Date* - Until 16 September 2013

Maritime Safety Queensland Notice 580(T)/2013 (AA688012)

Harbour works associated with the upgrade of the boat ramp (19° 16'.83 S 146° 49'.55 E) are in progress.

A silt curtain marked by special light buoys, *Fl. Y.4s*, exists around the boat ramp. Diving operations will be conducted within the area closed off by the silt curtain.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 257**

**819(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Harbour works**

*Former Notice* - 860(T)/2012 is cancelled

*Date* - Until 30 September 2013

Maritime Safety Queensland Notice 862(T)/2012 (AA618449, AA688578)

Barges MB 2448 and MB 2421 and support vessels MT *Fury* and split hopper dumb barges are conducting piling and dredging operations at berth 8 in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
19° 15'.04 S 146° 49'.96 E	
19° 15'.02 S 146° 49'.97 E	
19° 15'.03 S 146° 50'.00 E	
19° 15'.13 S 146° 49'.96 E	special light buoy, <i>Fl. Y.4s</i>
19° 15'.14 S 146° 49'.98 E	special light buoy, <i>Fl. Y.4s</i>
19° 15'.15 S 146° 50'.00 E.	

Vessels will display appropriate lights and will monitor VHF Ch 12 and Ch 16.

During the works the berth is closed to shipping.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 257**

**820(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Depth information**

*Former Notice - 652(T)/2013 is cancelled*

Maritime Safety Queensland Notice 616(T)/2013 (AA689120)

Available depths as at 2 August 2013:

	<i>Metres</i>	<i>Remarks</i>
* Sea Channel	11.6	
* Platypus Channel	11.3	
Outer Harbour:		
* Arrival Channel	5.7	
* Departure Channel	10.0	Less depth at SE corner 9.1 metres
Inner Harbour:		
* Harbour	11.4	
Berths:		
* No 1	11.9	
* No 2	11.8	
* No 2	11.8	
* No 3	11.4	
* No 4	10.4	
* No 7	11.2	
* Between No 7 and No 8	12.0	Seaward of 0 mark at No 7
* No 8	10.8	
* No 9	11.4	
* Between No 9 and No 10	9.4	Seaward of 0 mark at No 10
* No 10	12.0	
No 11	10.8	
* Ross River Channel	2.3	Entrance to beacon No 6
Ross River	-	Upstream of beacon No 6
Ross Creek	-	

\* Indicates new or revised entry.

**Chart temporarily affected – Aus 256 – Aus 257**

**821(T)/2013 AUSTRALIA - QUEENSLAND - Trinity Bay - Light buoy withdrawn**

Maritime Safety Queensland Notice 605(T)/2013 (AA688713)

The safe water light buoy, *LFl. 10s* (16° 18'.76 S 145° 27'.19 E), has been temporarily withdrawn.

**Chart temporarily affected – Au s831**

**822(T)/2013 AUSTRALIA - QUEENSLAND - Wednesday Island - Wreck**

Maritime Safety Queensland Notice 595(T)/2013 (AA687991)

A wreck exists in position 10° 32'.41 S 142° 19'.53 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 292 – Aus 293 – Aus 700 – Aus 839 – Au s841**

**823(T)/2013 AUSTRALIA - CORAL SEA - Willis Islets - Light buoy off station northwards**

*Former Notice - 769(T)/2013 is cancelled*

Australian Bureau of Meteorology (AA689020)

The light buoy, *Fl. Y. 2s* (14° 48'.0 S 153° 35'.0 E), is drifting and currently in position 13° 21'.1 S 149° 52'.7 E (6 August 2013).

**Chart temporarily affected – Aus 4620 (INT 620) – Aus 4621 (INT 621) – AX 04620U – AX 04621U**



**824(T)/2013 PAPUA NEW GUINEA - Cape Croisilles - Light unlit**  
National Maritime Safety Authority PNG Notice 37/2013 (AA688010)

The light, *Fl(2)6s 17m 10M* (4° 50'.89 S 145° 48'.33 E), is unlit.

**Chart temporarily affected – Aus 387 – Aus 388 – Aus 4622 (INT 622)**

**825(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Drill rig**  
*Former Notice - 561(T)/2013 is cancelled*  
National Maritime Safety Authority PNG Notice 25/2013 (AA686609)

Drill rig *Stena Clyde* is conducting drilling operations in position 8° 45'.18 S 144° 48'.85 E. A 2000m exclusion zone exists around the vessel.

**Chart temporarily affected – Aus 378 – Aus 4620 (INT 620) – AX 04620U**

**826(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Blaydin Point - Harbour works**  
*Former Notice - 655(T)/2013 is cancelled*  
Darwin Port Corporation Notice 128(T)/2013 (AA688474)

Works associated with the construction of the module offloading facility are in progress in an area bounded by the following positions:

12° 30'.51 S 130° 54'.25 E  
12° 30'.29 S 130° 55'.63 E  
12° 30'.92 S 130° 55'.97 E  
12° 31'.05 S 130° 55'.68 E  
12° 30'.57 S 130° 55'.28 E  
12° 30'.90 S 130° 54'.64 E  
12° 30'.66 S 130° 54'.26 E.

An exclusion zone exists within the area of the works.

The causeway is marked at the extremities by Q.Y lights. A silt curtain marked by Q.Y lights exists around the causeway.

Test piles marked by white spherical light buoys, Q.Y, exist in the following positions:

12° 30'.61 S 130° 54'.53 E  
12° 30'.57 S 130° 54'.79 E  
12° 30'.65 S 130° 54'.63 E  
12° 30'.70 S 130° 54'.86 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 26 – Aus 28 – AX 00026T**

**827(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig westwards moved**  
*Former Notice - 481(T)/2013 is cancelled*  
MODU *Ocean America* (AA687027)

Cancel this notice on receipt.

**Chart formerly affected – Aus 328 – Aus 4723 (INT 723) – AX 04723U**

**828(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards moved**  
*Former Notice - 612(T)/2013 is cancelled*  
MODU *Atwood Eagle* (AA688477)

Cancel this notice on receipt.

**Chart formerly affected – Aus 328 – Aus 4723 (INT 723) – AX 04723U**

**829(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Diving operations***Date - Until 22 August 2013*

Dampier Port Authority Notice 27/2013 (AA688019)

Diving operations are in progress in the vicinity of the following positions:

20° 38'.00S 116° 41'.31 E  
 20° 37'.00S 116° 41'.50 E  
 20° 37'.68S 116° 41'.70 E  
 20° 38'.16S 116° 42'.60 E  
 20° 37'.92S 116° 43'.22 E  
 20° 38'.26S 116° 42'.80 E  
 20° 38'.23S 116° 43'.08 E.

MV *Battleaxe* is on site and will display appropriate shapes and will monitor VHF Ch 11.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 58 – Aus 59 – Aus 60****830(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Light beacons restored***Former Notice - 221(T)/2013 is cancelled*

Dampier Port Authority (AA688923)

Cancel this notice on receipt.

**Chart formerly affected – Aus 58 – Aus 59****831(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Harbour works***Date - Until 10 December 2013*

Dampier Port Authority Notice 28/2013 (AA688922)

Harbour works are in progress in the vicinity of position 20° 36'.89 S 116° 45'.00 E. An exclusion zone exists within a 50m radius of this position.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 59****832(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Middle Channel to South Channel - Scientific instruments***Former Notice - 616(T)/2013 is cancelled**Date - Until 30 November 2013*

Albany Port Authority Notices 1(T)/2013, 3(T)/2013 (AA677823, AA688852)

Subsurface scientific instruments exist in positions 35° 04'.03 S 118° 05'.41 E and 35° 04'.72 S 118° 00'.16 E.

**Chart temporarily affected – Aus 110 – Aus 118 – AX 00110S – AX 00118S**

**833(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Survey operations northeastwards***Date* - Until 19 August 2013

NT Shipping (AA688023 - AA688026)

MV *Duke* with a 600m towed array is conducting a survey in the area bounded by the following positions:

19° 39'.0 S 115° 55'.5 E

19° 42'.5 S 115° 48'.5 E

19° 49'.0 S 115° 39'.5 E

19° 45'.5 S 115° 47'.5 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 327****834(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards***Date* - Until 20 September 2013Australian Maritime Safety Authority Auscoast Warning 197/2013 (AA688963), MODU *Atwood Eagle* (AA688477)Drill rig *Atwood Eagle* is conducting drilling operations in position 21° 29'.44 S 113° 59'.81 E.**Chart temporarily affected – Aus 328 – Aus 329****835(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Light buoy northwards***Date* - Until 28 February 2014

MetOcean Engineers (AA688078)

A scientific instrument marked by a special light buoy, Q(5)Y.20s, exists in position 21° 30'.34 S 114° 06'.74 E.

**Chart temporarily affected – Aus 328 – Aus 329 – Aus 744****836(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Rowley Shoals - Seismic survey completed westwards***Former Notice* - 608(T)/2013 is cancelled

Repsol (AA687816)

Cancel this notice on receipt.

**Chart formerly affected – Aus 326 – Aus 4722 (INT 722) – AX 04722U****837(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments***Former Notice* - 360(T)/2013 is cancelled*Date* - Until 6 March 2016

MetOcean Engineers (AA688078)

Scientific instruments marked by special light buoys, Q(5)Y.20s, exist in the following positions:

21° 22'.07 S 114° 50'.93 E

21° 31'.74 S 115° 01'.82 E

21° 31'.79 S 115° 01'.76 E

21° 31'.81 S 115° 01'.74 E

21° 34'.97 S 115° 01'.28 E

21° 34'.97 S 115° 01'.33 E

21° 35'.01 S 115° 01'.22 E

21° 39'.29 S 115° 00'.07 E

21° 39'.32 S 115° 00'.14 E

21° 39'.33 S 115° 00'.19 E.

Subsurface scientific instruments exist in positions 21° 34'.99 S 115° 01'.29 E and 21° 39'.31 S 115° 00'.12 E.

**Chart temporarily affected – Aus 64 – Aus 328 – Aus 743 – Aus 744**

**838(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Depth information**

Former Notice - 769(T)/2012 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 26/2013 (AA688569)

Available depths as at 29 July 2013:

<i>Berth</i>	<i>Metres</i>
Outer Harbor No1	11.0
Outer Harbor No2	10.5
Outer Harbor No3	10.5
Outer Harbor No4	10.5
Outer Harbor No6	13.8
Outer Harbor No8	15.7
Swinging Basin	13.7
* Osborne Wharf No1	8.3
Inner Harbor M	10.3

\* Indicates new or revised entry

**Chart temporarily affected – Aus 137**

**839(P)/2013 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Light beacons to be established**

Date - On or about 1 November 2013

Victorian Notice 109(T)/2013 (AA689155)

Light beacons will be established as follows:

<i>Positions</i>	<i>Remarks</i>
38° 18'.81 S 144° 55'.95 E	No23
38° 17'.93 S 144° 53'.92 E	No24
38° 17'.93 S 144° 55'.95 E	No25.

**Chart which will be affected – Aus 143 – Aus 158**

**840(T)/2013 AUSTRALIA - TASMANIA - Devonport - Light beacon destroyed**

Marine and Safety Tasmania Notice M80/2013 (AA689146)

No11 light beacon, *F.R* (41° 10'.76 S 146° 21'.91 E), has been destroyed; a port lateral light buoy, *Q.R*, exists in situ.

**Chart temporarily affected – Aus 164**

## HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
TIMOR SEA- Ashmore Reef, Middle Island	Palm tree no longer exists		S Morison

**NAVIGATION WARNINGS**

*The following radio messages have been received during the period to 8 August 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**

- 193 Cancelled.
- 194 Special purpose vessel *Geo Caspian* conducting seismic survey towing 12 x 5M cable in an area bounded by 12° 38'.0 S to 13° 52'.0 S and 121° 02'.0 E to 122° 27'.0 E. End of cables marked with buoys and flashing lights. 6M clearance requested. Guard vessels attending monitoring VHF 16 and 08.
- 195 Cancelled.
- 196 Cancelled.
- 197 Drill rig *Atwood Eagle* in position 21° 29'.43 S 113° 59'.82 E. 2.5M clearance requested.
- 198 Albany DGPS station ALRS Vol(2) in position 35° 05'.25 S 117° 54'.03 E temporarily discontinued.

**NAVAREA X WARNINGS**

- 043 Cancelled.
- 044 Cancelled.

**Navigational warnings in force as at 080001UTC AUG 13.**

**Auscoast**

**2013** 024 028 091 096 098 099 132 134 154 172 174 178 185 188 190 194 197 198

**Navarea X**

**2013** 037 042

**Summary of mobile drilling rigs as at 080001UTC AUG 13.**

<i>Name</i>	<i>Position</i>
Jack Bates	13° 24'.59 S 122° 59'.02 E
Transocean Legend	13° 44'.28 S 122° 20'.13 E
Ensco 104	10° 01'.07 S 129° 27'.15 E
Ensco 109	20° 00'.38 S 115° 38'.29 E
Atwood Falcon	20° 04'.23 S 115° 11'.00 E
Atwood Osprey	20° 27'.60 S 114° 50'.52 E
Deepwater Frontier	19° 47'.55 S 114° 38'.95 E
Nan Hai 6	21° 31'.40 S 114° 07'.50 E
Atwood Eagle	21° 29'.43 S 113° 59'.82 E
Noble Clyde Boudreaux	22° 05'.20 S 113° 10'.85 E

### III

#### NAVAREA XIV WARNINGS

- 054 Cancelled.
- 055 Cancelled.
- 056 Cancelled.
- 057 Cancelled.
- 058 South Pacific Ocean. Underwater operations between 22 July and 25 August 2013 along trackline joining 03° 00'.0 S 175° 00'.0 E and 15° 00'.0 S 174° 00'.0 W.
- 059 Cancelled.
- 060 Cancelled.
- 061 Cancelled.
- 062 Cancelled.
- 063 Cancelled.
- 064 Cancelled.
- 065 The International Hydrographic Organization's World-wide Navigational Warning Service (WWNWS) is conducting a survey concerning the quality of Maritime Safety Information broadcast via SAFETYNET and NAVTEX to identify measures to improve service. Please visit [www.surveymonkey.com/s/iho\\_survey](http://www.surveymonkey.com/s/iho_survey) to complete the short survey. The World Meteorological Organization offers a similar survey regarding the World-wide Meteorological Information and Warning Service available at [www.jcomm.info/mmms](http://www.jcomm.info/mmms). Your participation is greatly appreciated and valued.
- 066 Cancelled.

#### Navarea XIV warnings in force as at 080001UTC AUG 13.

- 2012 076
- 2013 058 065