

TEMPORARY AND PRELIMINARY NOTICES
In force on 1 November 2013

NEW SOUTH WALES

410(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Spoil ground

Port Kembla Port Corporation Notice 2/2011 (AA528983)

A spoil ground marked by six lit special buoys exists in the vicinity of position 34° 28'.33 S 150° 54'.57 E.

Chart temporarily affected - Aus 194 - Aus 195

864(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Obstruction

Port Kembla Port Corporation Notice 9/2011 (AA551936)

A silt curtain, marked by special light buoys Q.Y, exists in the outer harbour between the following positions:

34° 28'.18 S 150° 54'.15 E

34° 28'.15 S 150° 54'.27 E

34° 28'.47 S 150° 54'.33 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 194 - Aus 195

337(T)/2013 AUSTRALIA - NEW SOUTH WALES - Sydney - Millers Point - Harbour works

Former Notice - 1132(T)/2012 is cancelled

Sydney Ports Notice 9/2013 (AA664448)

Works are marked by a north cardinal light buoy, VQ (33° 51'.30 S 151° 12'.13 E), with six special light buoys, Q.Y, spaced equally to a north cardinal light buoy, VQ (33° 51'.32 S 151° 11'.99 E), with ten special light buoys, Q.Y, spaced equally to a west cardinal light buoy, VQ(9)10s (33° 51'.63 S 151° 12'.02 E).

A silt curtain exists within the boundary of the buoys.

An exclusion zone exists within the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202 - AX 00202T

393(T)/2013 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depth information

Former Notice - 335(T)/2013 is cancelled

Port Kembla Port Corporation Notice 1/2013 (AA662269, AA667485)

Available depths as at 18 April 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Inner Harbour	15.1	
North West Basin	11.2	
101	11.4	Maximum transit draft 12m
102	15.7	
103	12.0	
104	15.4	
105	14.8	
106	13.6	
107	12.0	
108	-	Future Development
109	11.7	
110	10.7	(9.0)
111	15.2	
112	12.8	Maximum transit draft 13.6m
113	11.2	(9.5) West of 7m chainage
	10.5	East of 7m chainage to eastern end of berthing box
201	10.4	To 250m
201	10.2	To 280m
201	10.1	To 330m
202	10.5	To 205m mx LOA 180m
202	10.2	To 205m mx LOA 195m

202	10.0	To 210m
203	9.7	
204	4.2	
205	6.8	
206	11.0	

* Indicates revised entry.

Chart temporarily affected - Aus 194

457(T)/2013 AUSTRALIA - NEW SOUTH WALES - Broken Bay - Barrenjoey Head - Light range reduced

Former Notice - 1318(T)/2010 is cancelled

NSW Maritime (AA506509)

The light (33° 34'.82 S 151° 19'.79 E) has been temporarily altered to *Fl(4)20s 113m 12M*.

Chart temporarily affected - Aus 197 - Aus 204 - Aus 215 - Aus 489 - Aus 809 - Aus 4643 (INT 643) - AX 00215T - AX 00809S

697(T)/2013 AUSTRALIA - NEW SOUTH WALES - Cape Baily to Ben Buckler - Scientific instruments

Former Notice - 748(T)/2011 is cancelled

Date - Until 30 June 2015

Sydney Institute of Marine Science (AA375220, AA420046, AA545275, AA683400)

Subsea moorings (25 metres below the surface) exist in positions as follows:

33° 53'.76 S 151° 17'.30 E
33° 53'.99 S 151° 17'.30 E
33° 54'.23 S 151° 17'.72 E
33° 54'.51 S 151° 18'.14 E
33° 54'.76 S 151° 18'.56 E
33° 55'.02 S 151° 19'.01 E
33° 55'.28 S 151° 19'.45 E
33° 55'.54 S 151° 19'.89 E
33° 55'.80 S 151° 20'.31 E
33° 56'.06 S 151° 21'.17 E
33° 56'.32 S 151° 22'.61 E
33° 56'.60 S 151° 22'.06 E
33° 56'.85 S 151° 22'.50 E
33° 57'.12 S 151° 22'.95 E
33° 57'.40 S 151° 23'.39 E
33° 57'.91 S 151° 24'.25 E
33° 58'.65 S 151° 23'.84 E
33° 58'.20 S 151° 24'.64 E
33° 58'.49 S 151° 25'.08 E
33° 58'.77 S 151° 25'.57 E
33° 59'.08 S 151° 26'.06 E
33° 59'.33 S 151° 26'.47 E
33° 59'.97 S 151° 27'.33 E
34° 00'.21 S 151° 27'.85 E
34° 00'.48 S 151° 28'.27 E
34° 00'.77 S 151° 28'.74 E
34° 01'.33 S 151° 29'.16 E
34° 01'.31 S 151° 29'.63 E
34° 01'.59 S 151° 30'.08 E.

Chart temporarily affected - Aus 197 - Aus 200 - Aus 808 - Aus 809 - AX 00808S - AX 00809S - AX 63200

699(T)/2013 AUSTRALIA - NEW SOUTH WALES - Cabbage Tree Bay to Curl Curl Head - Scientific instruments

Former Notice - 750(T)/2011 is cancelled

Date - Until 30 June 2015

Sydney Institute of Marine Science (AA353372, AA353373, AA424523, AA545275, AA683400)

Subsurface scientific instruments exist in positions:

33° 48'.03 S 151° 18'.03 E
33° 47'.98 S 151° 17'.65 E
33° 47'.99 S 151° 17'.73 E
33° 47'.92 S 151° 17'.61 E
33° 47'.93 S 151° 17'.69 E.

Chart temporarily affected - Aus 197 - Aus 200 - Aus 201 - AX 00201T - AX 63200

902(T)/2013 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Depth information
Sydney Ports Corporation (AA691471, AA691472)

Available depths as at 20 August 2013:

<i>Berth</i>	<i>Metres</i>
* Main Channel to Molineux Point	15.6
* Port Botany Swinging Basin	15.9
* Kurnell 3 Approaches	12.3
* Kurnell 1 & 2 Swinging Basin & Approaches	11.6
* Hayes Dock (channel)	16.5
* Brotherson Dock No5	16.5
* Brotherson Dock No6	16.5
* Brotherson Dock No7	13.8
* Brotherson Dock No8	13.6
* Brotherson Dock No9	13.6
* Brotherson Dock No10	13.0
* Brotherson Dock No11	13.0
* Brotherson Dock No12	14.6
* Bulk Liquids 1	18.3
* Bulk Liquids 2	19.0
* Kurnell No1	11.0
* Kurnell No2	11.2
* Kurnell No3	12.5
* Indicates new or revised entry.	

Chart temporarily affected - Aus 196 - Aus 198 - Aus 199

906(T)/2013 AUSTRALIA - NEW SOUTH WALES - Sydney Harbour - Depth information
Sydney Ports Corporation (AA691471, AA691472)

Available depths as at 20 August 2013:

<i>Berth</i>	<i>Metres</i>
* Overseas Passenger Terminal	10.0
* Glebe Island 1	11.8
* Glebe Island 2	11.9
* Glebe Island 7	10.7
* Glebe Island 8	8.4
* White Bay 2	11.0
* White Bay 3	10.6
* White Bay 4	11.1
* White Bay Cruise Terminal	10.5
* Gore Cove 1	13.0
* Gore Cove 2	9.8
* Indicates new or revised entry.	

Chart temporarily affected - Aus 200 - Aus 202 - AX 00202T

966(T)/2013 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Yarra Bay to Kurnell - Scientific instruments
Sydney Ports Corporation Notice 33/2013 (AA696672)

Scientific instruments marked by special light buoys, *Fl. Y. 5s*, exist in the following positions:

33° 58'.84 S 151° 13'.36 E
34° 00'.23 S 151° 12'.49 E
34° 00'.32 S 151° 12'.66 E
34° 00'.29 S 151° 12'.80 E
34° 00'.02 S 151° 12'.38 E
34° 00'.03 S 151° 13'.22 E.

Chart temporarily affected - Aus 196 - Aus 198 - Aus 199

1095(T)/2013 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Kurnell - Harbour works; dredging operations
Date - Until 28 February 2014
Sydney Ports Corporation Notice 34/2013, 35/2013 (AA703107, AA703108)

Harbour works are in progress at the Caltex berths. No1 berth is closed and will be unavailable for the duration of the works.

The dredge *Machiavelli* is conducting dredging operations in an area bounded by the following positions:

34° 00'.14 S 151° 12'.72 E
 33° 59'.94 S 151° 12'.54 E
 33° 59'.40 S 151° 12'.54 E
 33° 59'.31 S 151° 12'.71 E
 33° 59'.47 S 151° 13'.06 E
 33° 59'.74 S 151° 13'.07 E.

A tug and barge will be on site and will deposit spoil to the spoil ground in position 33° 52'.0 S 151° 26'.0 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 196 - Aus 198 - Aus 199

1096(T)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 904(T)/2013 is cancelled
 Newcastle Port Corporation (AA704094)

Available depths as at 28 October 2013:

Berth	Metres	Remarks
Eastern Basin 1	11.5	
Eastern Basin 2 North of Ch 450	11.6	
Eastern Basin 2 South of Ch 450	11.5	
Western Basin 3	11.6	
Western Basin 4	11.6	
Channel Berth	9.7	
* Dyke 1	12.8	
* Dyke 2	12.7	
Dyke 4	16.5	
Dyke 5	16.4	
Dyke 6	5.0	
* Mayfield 4 Ch 27 to 266	11.4	
* BHP Wharf 6 to Ch 1050	7.1	
* Kooragang 2	11.6	
* Kooragang 2 North Dolphin Ch 182 to 243	11.6	
Kooragang 2 South Dolphin Ch -92 to 00	11.1	
Kooragang 3 Ch -40 to 00	11.8	
* Kooragang 3 Ch 00 to 220	13.1	
Kooragang 4	16.5	
Kooragang 5	16.5	
Kooragang 6	16.2	
Kooragang 7	16.2	
* Kooragang 8	16.3	
* Kooragang 9	16.3	
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
Channels		
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	14.8	
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

1097(T)/2013 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Glebe Island - Harbour works

Date - Until 30 December 2013

Sydney Ports Corporation Notice 36/2013 (AA703105)

Repair works on the Glebe Island Bridge (33° 52'.10 S 151° 11'.15 E) are in progress.

The eastern channel is closed to traffic and is marked by special spar light buoys, *Fl. Y.3s*, across both entrances to the channel. The western channel is open to traffic.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202 - AX 00202T

QUEENSLAND

710(T)/2008 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoys established

Former Notice - 649(T)/2008 is cancelled

Date - Until 31 December 2008

Maritime Safety Queensland Notice 389/2008 (AA345287)

Starboard lateral conical light buoys, *Fl.G.2-5s*, without topmark, exist in positions 27° 02'.73 S 153° 15'.84 E and 27° 03'.12 S 153° 16'.99 E.

Chart temporarily affected - Aus 235 - Aus 236

819(T)/2008 AUSTRALIA - QUEENSLAND - Airlie Beach - Light buoys established

Maritime Safety Queensland Notice 452(T)/2008 (AA351934)

A silt curtain exists across the southern entrance to Abel Point Marina, closing the entrance to navigation.

Special light buoys mark the location of the silt curtain in the following positions:

20° 16'.070 S 148° 42'.400 E

20° 16'.070 S 148° 42'.402 E

20° 16'.056 S 148° 42'.401 E

Chart temporarily affected - Aus 252 - Aus 253 - Aus 268

1133(T)/2009 AUSTRALIA - QUEENSLAND - Townsville - Ross Creek - Light beacons withdrawn; light buoys established

Maritime Safety Queensland Notice 624(T)/2009 (AA429766)

Light beacons *Fl.R.3s* (19° 15'.03 S 146° 49'.80 E) and *Fl.G.3s* (19° 15'.01 S 146° 49'.77 E) have been withdrawn; a port lateral light buoy, *Fl.R.3s*, and a starboard lateral light buoy, *Fl.G.3s*, exist in situ.

Chart temporarily affected - Aus 257

318(T)/2010 AUSTRALIA - QUEENSLAND - Heskett Rock - Light beacon destroyed

Maritime Safety Queensland Notice 273(T)/2010 (AA462501)

The south cardinal light beacon (20° 56'.19 S 149° 28'.98 E) has been destroyed.

Chart temporarily affected - Aus 251 - Aus 823 - Aus 824 - AX 0823E

763(T)/2010 AUSTRALIA - QUEENSLAND - Shute Harbour - Wreck

Maritime Safety Queensland Notice 568(T)/2010 (AA480151)

A wreck marked by a special light buoy, *Fl.Y.5s*, exists in position 20° 17'.76 S 148° 47'.24 E.

Chart temporarily affected - Aus 252 - Aus 253

1188(T)/2010 AUSTRALIA - QUEENSLAND - Io Reef - Light beacon destroyed; light buoy established

Former Notice - 382(T)/2010 is cancelled

Maritime Safety Queensland Notice 932(T)/2010 (AA500605)

The west cardinal light beacon (20° 41'.58 S 149° 07'.70 E) has been destroyed; a west cardinal light buoy, *Q(9)15s*, exists in situ.

Chart temporarily affected - Aus 251 - Aus 252 - Aus 824

1189(T)/2010 AUSTRALIA - QUEENSLAND - Whitsunday Group - Shaw Island - Platypus Rock - Light beacon destroyed; light buoy established

Former Notice - 511(T)/2010 is cancelled

Maritime Safety Queensland Notice 926(T)/2010 (AA500696)

The west cardinal light beacon (20° 31'.23 S 149° 02'.31 E) has been destroyed; a west cardinal light buoy, *VQ(9)10s*, exists in situ.

Chart temporarily affected - Aus 252 - Aus 254 - Aus 824

1191(T)/2010 AUSTRALIA - QUEENSLAND - Surprise Rock - Light beacon destroyed; light buoy established

Former Notice - 329(T)/2009 is cancelled

Maritime Safety Queensland Notice 929(T)/2010 (AA500615)

The isolated danger light beacon (20° 21'.3S 149° 01'.6 E) has been destroyed; an isolated danger light buoy, *Fl(2)6s*, exists in situ.

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

1193(T)/2010 AUSTRALIA - QUEENSLAND - Whitsunday Island - Reef Point - Light beacon destroyed; light buoy established

Former Notice - 446(T)/2010 is cancelled

Maritime Safety Queensland Notice 927(T)/2010 (AA500700)

The port lateral light beacon (20° 17'.45 S 148° 54'.71 E) has been destroyed; a port lateral light buoy, *Fl.R.2-5s*, exists in situ.

Chart temporarily affected - Aus 252 - Aus 253 - Aus 254

1394(T)/2010 AUSTRALIA - QUEENSLAND - Whitsundays - The Narrows - Buoy off station

Maritime Safety Queensland Notice 1042(T)/2010 (AA508738)

The port lateral buoy (20° 04'.34 S 148° 54'.17 E) is off station.

Chart temporarily affected - Aus 254

418(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Anchorage area

Former Notice - 315(T)/2011 is cancelled

Maritime Safety Queensland Notice 318(T)/2011 (AA526389)

A small craft anchorage exists within an area bounded by the following positions:

23° 45'.0 S 151° 09'.8 E

23° 45'.0 S 151° 10'.0 E

23° 46'.4 S 151° 10'.4 E

23° 46'.4 S 151° 10'.0 E.

Mooring buoys exist within the area.

Permission must be obtained from Gladstone Port Corporation prior to anchoring or mooring within the area.

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

648(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Bridge construction

Former Notice - 465(T)/2011 is cancelled

Date - Until 21 July 2011

Maritime Safety Queensland Notices 171(T)/2008, 164(T)/2009, 166(T)/2009, 756(T)/2010, 393(T)/2011, 568(T)/2011 (AA323151, AA395818, AA396377, AA492668, AA532382, AA540981)

Construction of the Houghton Highway Bridge is in progress in position 27° 17'.01 S 153° 03'.89 E (WGS84 datum).

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.

Nav aids exist as follows:

<i>Position</i>	<i>Remarks</i>
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 until 21 July 2011.

Mariners should navigate with caution in the area.

Chart temporarily affected - Aus 236

757(T)/2011 AUSTRALIA - QUEENSLAND - Laguna Quays - Lights unlit; light beacons damaged

Former Notice - 444(T)/2010 is cancelled

Maritime Safety Queensland Notice 686(T)/2011 (AA546594)

Light beacons marking the entrance to Laguna Quays (20° 36'.03 S 148° 41'.21 E) may be damaged or unlit.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252

758(T)/2011 AUSTRALIA - QUEENSLAND - Laguna Quays - Shoaling

Former Notice - 1052(T)/2006 is cancelled

Maritime Safety Queensland Notice 685/2011 (AA546595)

Shoaling exists within the entrance channel to Laguna Quays (20° 36'.03 S 148° 41'.21 E).

Mariners are advised to seek local knowledge prior to transiting the marina entrance and to navigate with caution in the area.

Chart temporarily affected - Aus 252

759(T)/2011 AUSTRALIA - QUEENSLAND - Pioneer Rocks - Light beacon unlit

Former Notice - 474(T)/2011 is cancelled

Maritime Safety Queensland Notice 663(T)/2011 (AA545484)

The isolated danger light beacon, *Fl(2)6s 5m* (20° 13'.57 S 148° 45'.46 E), is unlit; an isolated danger light buoy, *Fl(2)6s*, exists in situ.

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

826(T)/2011 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information

Maritime Safety Queensland Notice 702(T)/2011 (AA547518)

Available depths as at 29 July 2011:

	<i>Metres</i>
Departure Channel	9.6
Inner Channel	9.6
Swing Basin	6.7
Sugar Berth	10.1

* Indicates revised entry.

Chart temporarily affected - Aus 258

872(T)/2011 AUSTRALIA - QUEENSLAND - Bait Reef - Light beacon destroyed

Maritime Safety Queensland Notice 750(T)/2011 (AA549635)

The starboard lateral beacon (19° 48'.52 S 149° 03'.77 E) has been destroyed; a special buoy exists in situ.

Chart temporarily affected - Aus 254 - Aus 825

926(T)/2011 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Scientific instrument

Former Notice - 114(T)/2008 is cancelled

Date - Until 30 June 2013

Australian Institute of Marine Science (AA546309)

A subsurface scientific instrument, depth 10m, exists in position 19° 18'.37 S 147° 37'.20 E.

Chart temporarily affected - Aus 826 - Aus 827

1020(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Wynnum - Wreck; light buoy

Maritime Safety Queensland Notice 871/2011 (AA556300)

A wreck marked by a special light buoy, *Fl.Y.2+5s*, exists in position 27° 25'.90 S 153° 10'.73 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

1091(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Scientific instruments

Maritime Safety Queensland Notice 1018(T)/2011 (AA562002)

Special light buoys, *Q.Y.*, exist in positions 21° 16'.04 S 149° 18'.09 E and 21° 24'.90 S 149° 20'.17 E.

Chart temporarily affected - Aus 249 - Aus 250 - AX 0249E

1204(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Rich Rocks - Light buoy

Maritime Safety Queensland Notice 1078(T)/2011 (AA565735)

A special light buoy, *Fl.Y.4s*, exists in position 23° 49'.92 S 151° 16'.55 E.

Chart temporarily affected - Aus 244 - Aus 245

1210(T)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Obstructions

Maritime Safety Queensland Notice 1123(T)/2011 (AA567586)

Underwater obstructions, marked by special buoys, exist in the following positions:

20° 15'.87 S 148° 42'.60 E

20° 15'.88 S 148° 42'.60 E

20° 15'.87 S 148° 42'.56 E.

Chart temporarily affected - Aus 268

56(T)/2012 AUSTRALIA - QUEENSLAND - Abbot Bay - Clark Shoal - Light beacon unlit

Date - Until 30 June 2012

Maritime Safety Queensland Notice 24(T)/2012 (AA575902)

The east cardinal light beacon, *Q(3)10s* (19° 51'.11 S 148° 03'.89 E), is unlit; a special light buoy, *Fl.Y.3s*, exists in situ.

Chart temporarily affected - Aus 255 - Aus 826

59(T)/2012 AUSTRALIA - QUEENSLAND - Thursday Island - Depth information

Maritime Safety Queensland Notice 1(T)/2012 (AA574953)

Available depths as at 2 January 2012:

Metres

Hovell Bar	3.2
Main Wharf	3.1 (4.1m alongside wharf)
Caltex Wharf	4.1
Engineers Wharf	3.5
Boat Channel	4.6
Inner Harbour	4.8

* Indicates revised entry.

Chart temporarily affected - Aus 293 - Aus 299

460(T)/2012 AUSTRALIA - QUEENSLAND - Hook Island - Cockatoo Point - Light beacon destroyed

Maritime Safety Queensland Notice 393(T)/2012 (AA596297)

The light beacon, *Fl.R.2-5s* (20° 04'.71 S 148° 54'.05 E) has been destroyed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252 - Aus 254

600(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Shoaling

Maritime Safety Queensland Notice 609(T)/2012 (AA604629)

Shoaling with a least depth of *1.7m* exists on the northern toeline adjacent to beacon No8 (27° 11'.62 S 153° 06'.18 E). A least depth of *2m* exists between the entrance beacons (27° 10'.96 S 153° 06'.15 E) and the western boat ramp.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

602(T)/2012 AUSTRALIA - QUEENSLAND - Curtis Channel - Wreck

Maritime Safety Queensland Notice 579(T)/2012 (AA603887)

A wreck exists in position 24° 08'.89 S 152° 12'.12 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 818

645(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Rainbow Channel - Light beacon withdrawn

Maritime Safety Queensland Notice 655(T)/2012 (AA607798)

The starboard light beacon, *Fl.G.4s* (27° 26'.99 S 153° 24'.67 E), has been temporarily withdrawn.

Chart temporarily affected - Aus 236

694(T)/2012 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 1142(T)/2011 is cancelled

Maritime Safety Queensland Notice 705(T)/2012 (AA611629)

Available depths as at 4 July 2012:

	<i>Metres</i>
Centre line leads (255°)	3.6
Southern approach leads (291°)	3.8

A shoal area, with a least depth of *3.6m*, is drifting northwards immediately east of the southern break wall towards the centreline leads. Deeper water, *5.5m*, is found by leaving the centre line leads open to the north.

Mariners are advised to navigate with caution when using the southern approach leads as breaking waves may be experienced when seas rise above 1.4m.

Chart temporarily affected - Aus 230

737(T)/2012 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 695(T)/2012 is cancelled

Maritime Safety Queensland Notice 706(T)/2012 (AA611628)

Shoaling, with a least depth of 2.3m, exists in the North Channel between 27° 55'.86 S 153° 25'.30 E and 27° 55'.66 S 153° 25'.09 E.

Shoaling, with a least depth of 3.5m, exists in the South Channel between 27° 56'.20 S 153° 25'.49 E and 27° 56'.39 S 153° 25'.26 E.

Deeper water to 3.9m is found to the west of the channels centre line.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

740(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Coochiemudlo Island - Light beacon

Maritime Safety Queensland Notice 768(T)/2012 (AA613763)

The special light beacon, *Fl.Y.2-5s* (27° 34'.78 S 153° 20'.37 E), has been temporarily replaced by a special light buoy, *Fl.Y.2.5s*, in situ.

Chart temporarily affected - Aus 236

743(T)/2012 AUSTRALIA - QUEENSLAND - Ethel Rocks - Wreck eastwards

Maritime Safety Queensland Notice 725(T)/2012 (AA612990)

A wreck exists in position 23° 58'.15 S 151° 39'.96 E.

Chart temporarily affected - Aus 246 - Aus 819

801(T)/2012 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Light beacon destroyed

Maritime Safety Queensland Notice 829(T)/2012 (AA616820)

The light beacon, *Fl.R.3s* (25° 31'.74 S 152° 56'.67 E), has been destroyed.

Chart temporarily affected - Aus 240 - Aus 241

859(T)/2012 AUSTRALIA - QUEENSLAND - Dent Island - Light beacon unlit; light buoy established

Former Notice - 508(T)/2012 is cancelled

Maritime Safety Queensland Notice 869(T)/2012 (AA618556)

The light beacon, *Fl.G.2.5s* (20° 20'.33 S 148° 56'.17 E) is unlit; a starboard lateral light buoy, *Fl.G.2-5s*, exists in situ.

Chart temporarily affected - Aus 253 - Aus 254

862(T)/2012 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Nav aids

Former Notice - 204(T)/2012 is cancelled

Maritime Safety Queensland (AA616388)

The light beacon *Fl.R.2-5s* (18° 28'.26 S 146° 13'.01 E) has been destroyed and light buoy *Q.G* (18° 30'.19 S 146° 18'.73 E) is off station.

Chart temporarily affected - Aus 259 - Aus 267

950(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys

Former Notice - 609(T)/2011 is cancelled

Maritime Safety Queensland Notice 945(T)/2012 (AA624547)

Special light buoys, *Fl.Y.2.5s* exists in positions 23° 49'.45 S 151° 14'.60 E and 23° 49'.59 S 151° 14'.81 E.

Chart temporarily affected - Aus 244 - Aus 245

1085(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Peel Island - Lazaret Gutter - Beacon destroyed

Maritime Safety Queensland Notice 1141(T)/2012 (AA632279)

The starboard beacon (27° 29'.18 S 153° 21'.06 E) has been destroyed.

Chart temporarily affected - Aus 236

1088(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Exclusion zone; light buoys

Former Notice - 999(T)/2012 is cancelled

Maritime Safety Queensland Notice 1001(T)/2012 (AA626309, AA632277)

An exclusion zone exists in an area bounded as follows:

<i>Position</i>	<i>Remarks</i>
21° 15'.86 S 149° 18'.78 E	
21° 15'.88 S 149° 18'.83 E	
21° 16'.16 S 149° 19'.02 E	special light buoy, <i>Fl.Y.4s</i>
21° 16'.37 S 149° 18'.63 E	special light buoy, <i>Q.Y</i>
21° 16'.08 S 149° 18'.45 E	special light buoy, <i>Q.Y</i>
21° 16'.39 S 149° 17'.87 E	
21° 16'.24 S 149° 17'.54 E	
21° 15'.70 S 149° 18'.55 E	
21° 15'.53 S 149° 18'.47 E	
21° 15'.48 S 149° 18'.58 E.	

Chart temporarily affected - Aus 249 - Aus 250 - Aus 823

1205(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Bushy Islet - Scientific instrument

Former Notice - 417(T)/2011 is cancelled

Date - Until 15 June 2014

Maritime Safety Queensland (AA639719)

A special light buoy, *Fl.Y.3s*, exists in position 23° 50'.78 S 151° 20'.49 E.

Chart temporarily affected - Aus 244 - Aus 245

1209(T)/2012 AUSTRALIA - QUEENSLAND - Whitsunday Island - Craig Point - Wreck

Maritime Safety Queensland Notice 1243(T)/2012 (AA639290)

A wreck marked by a special light buoy, *Q.Y*, exists in position 20° 18'.58 S 149° 02'.07 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252 - Aus 253

1210(T)/2012 AUSTRALIA - QUEENSLAND - Magnetic Island - Scientific instrument

Former Notice - 1036(T)/2011 is cancelled

Date - Until 5 November 2013

Maritime Safety Queensland Notice 1192(T)/2012 (AA636987)

A scientific instrument marked by a special light buoy, *Fl.Y.3s*, exists in position 19° 09'.32 S 146° 52'.57 E.

Chart temporarily affected - Aus 256

1265(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly - Light beacon destroyed

Maritime Safety Queensland Notice 1301(T)/2012 (AA642817)

No3 light beacon, *Fl.G.4s* (27° 26'.87 S 153° 11'.93 E), has been destroyed; a starboard light buoy, *Q.G*, exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

1274(T)/2012 AUSTRALIA - QUEENSLAND - Port Douglas - Depth information

Former Notice - 463(T)/2012 is cancelled

Maritime Safety Queensland Notice 1297(T)/2012 (AA642027)

Available depths as at 6 December 2012:

	<i>Metres</i>
*Outer Channel	1.4

Inner Channel 2.1
Boat ramp to marina 1.9
*Indicates revised entry.

Chart temporarily affected - Aus 270

53(T)/2013 AUSTRALIA - QUEENSLAND - Round Hill Head - Wreck

Maritime Safety Queensland Notices 1321(T)/2012, 1342(T)/2012 (AA643596, AA644831))

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 24° 10'.13 S 151° 52'.75 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 818

55(T)/2013 AUSTRALIA - QUEENSLAND - Schooner Rock - Light beacon destroyed; light buoy established

Former Notice - 459(T)/2012 is cancelled

Maritime Safety Queensland Notice 1322(T)/2012 (AA643792)

The north cardinal light beacon (20° 54'.04 S 149° 25'.91 E) has been destroyed; a north cardinal light buoy, *Q*, exists in situ.

Chart temporarily affected - Aus 251 - Aus 824

105(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Obstruction northeastwards

Maritime Safety Queensland Notice 23(T)/2013 (AA647424)

An obstruction exists in position 24° 37'.05 S 152° 37'.54 E. A 3700m radius exclusion zone exists around the obstruction.

Chart temporarily affected - Aus 243 - Aus 817 - Aus 818

145(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Navaids destroyed or off station; depths

Maritime Safety Queensland Notice 76(T)/2013 (AA649220)

Navaids in Moreton Bay and the Brisbane River may be destroyed or off station due to recent flooding.

Depths may not be consistent with charted information.

Mariners are advised to navigate with caution in the area.

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

149(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Navaids destroyed or off station; depths

Maritime Safety Queensland Notice 80(T)/2013 (AA649223)

Navaids in Pumicestone Channel may be destroyed or off station due to recent flooding.

Depths may not be consistent with charted information.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

158(T)/2013 AUSTRALIA - QUEENSLAND - Mackay - Light beacon destroyed

Former Notice - 857(T)/2012 is cancelled

Maritime Safety Queensland Notice 75(T)/2013 (AA649210)

The port lateral light beacon, *Fl.R.2-5s* (21° 09'.00 S 149° 13'.18 E), has been destroyed.

Chart temporarily affected - Aus 249 - AX 00249S

161(T)/2013 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Light buoy off station

Maritime Safety Queensland Notice 119(T)/2013 (AA650921)

No16 port lateral light buoy, *Q.R* (18° 28'.88 S 146° 13'.41 E), is off station.

Chart temporarily affected - Aus 259

167(T)/2013 AUSTRALIA - QUEENSLAND - Weipa - Depth information

Former Notice - 1002(T)/2012 is cancelled

Maritime Safety Queensland Notice 100(T)/2013 (AA649386)

Available depths as at 1 February 2013:

	<i>Metres</i>
* Weipa Approaches	11.5
* South Channel	11.5
Departure Channel	11.3
Cora Bank South Channel	7.3
Humbug Point Approaches	8.6
Humbug Point Berth	9.5
Evans Landing	9.6
Lorim Point East	12.3
Lorim Point West	12.3

*Indicates revised entry

Chart temporarily affected - Aus 4

203(T)/2013 AUSTRALIA - QUEENSLAND - Hervey Bay - Big Woody Island - Light beacon destroyed

Maritime Safety Queensland Notice 164(T)/2013 (AA653342)

The port lateral light beacon, Q.R (25° 16'.03 S 152° 55'.67 E), has been destroyed; an unlit buoy exists in situ.

Chart temporarily affected - Aus 241 - Aus 817

204(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Depth information

Former Notice - 348(T)/2012 is cancelled

Maritime Safety Queensland Notice 142(T)/2013 (AA653496)

Available depths as at 12 February 2013:

	<i>Metres</i>
<i>Sea Channels:</i>	
Wild Cattle Cutting	16.1
* Boyne Island Cutting	16.3
Boyne Island Extension Channel	9.0
Golding Cutting	16.1
* South Bypass Channel	7.4
Gatcombe Channel	16.3
* Gatcombe Bypass Channel	13.4
<i>Inner Channels:</i>	
Auckland Channel	15.8
Auckland Bypass Channel	6.8
Clinton Channel	16.0
Clinton Bypass Channel	10.6
Clinton Swing Basin	10.6
* Targinie Channel	10.5
Targinie Swing Basin East	10.6
* Targinie Swing Basin West	8.9
<i>Berths:</i>	
Boyne Smelter Wharf	15.0
* South Trees East Wharf	13.8
* South Trees West Wharf	13.0
Barney Point Wharf	(east approach) 13.5
Barney Point Wharf	(west approach) 11.5
Barney Point Wharf	15.0
* Auckland Point No 1 Wharf	10.6
* Auckland Point No 2 Wharf	10.6
* Auckland Point No 3 Wharf	11.4
* Auckland Point No 4 Wharf	11.3
* Clinton No 1 Wharf	19.2
* Clinton No 2 Wharf	18.4
* Clinton No 3 Wharf	18.6
* Clinton No 4 Wharf	19.1
* Fishermans Landing Wharf No 1	13.6
* Fishermans Landing Wharf No 2	13.3

- * Fishermans Landing Wharf No 4 10.9
- * Fishermans Landing Wharf No 5 10.9
- * Indicates revised entry.

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

206(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Wiggins Islands - Exclusion zone

Former Notice - 1138(T)/2012 is cancelled

Date - Until 31 January 2014

Maritime Safety Queensland Notice 177(T)/2013 (AA654021)

An exclusion zone marked by special light buoys, *Fl. Y. 2-5s*, exists in an area bounded by the following positions:

23° 49'.27 S 151° 12'.49 E
 23° 49'.10 S 151° 12'.56 E
 23° 48'.85 S 151° 12'.66 E
 23° 48'.59 S 151° 12'.76 E
 23° 48'.23 S 151° 12'.89 E
 23° 48'.41 S 151° 13'.45 E
 23° 48'.80 S 151° 13'.40 E
 23° 48'.89 S 151° 13'.25 E
 23° 49'.14 S 151° 12'.93 E
 23° 49'.21 S 151° 12'.87 E
 23° 49'.27 S 151° 12'.83 E.

Chart temporarily affected - Aus 245

207(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Calliope River - Light buoys

Former Notice - 54(T)/2013 is cancelled

Maritime Safety Queensland Notice 178(T)/2013 (AA654022)

Light buoys exist as follows:

<i>Number</i>	<i>Position</i>	<i>Characteristic</i>
CR1	23° 48'.66 S 151° 13'.79 E	<i>Fl. G. 2-5s</i>
CR2	23° 48'.70 S 151° 13'.89 E	<i>Fl. R. 2-5s</i>
CR3	23° 48'.87 S 151° 13'.74 E	<i>Fl. G. 2-5s</i>
CR4	23° 48'.84 S 151° 13'.82 E	<i>Fl. R. 2-5s</i>
CR5	23° 48'.95 S 151° 13'.67 E	<i>Fl. G. 2-5s</i>
CR6	23° 49'.29 S 151° 13'.25 E	<i>Fl. R. 2-5s</i>
CR7	23° 49'.09 S 151° 13'.39 E	<i>Fl. G. 2-5s</i>
CR9	23° 49'.19 S 151° 13'.22 E	<i>Fl. G. 2-5s</i>
CR11	23° 49'.26 S 151° 13'.11 E	<i>Fl. Y. 2-5s</i>
CR13	23° 49'.36 S 151° 13'.04 E	<i>Fl. Y. 2-5s.</i>

Chart temporarily affected - Aus 244 - Aus 245

210(T)/2013 AUSTRALIA - QUEENSLAND - Port Alma - Depth information

Former Notice - 209(T)/2011 is cancelled

Maritime Safety Queensland Notice 143(T)/2013 (AA653498)

Available depths as at 12 February 2013:

<i>Berth</i>	<i>Metres</i>
* Balaclava Leads	7.5
Kazatch Leads	7.0
* Eupatoria Leads	7.7
* Shell Point Leads	6.8
* Swing Basin	5.6
* Berth No 1	9.0
* Berth No 2	9.0
* Berth No 3	9.0
* Indicates revised entry.	

Chart temporarily affected - Aus 265

211(T)/2013 AUSTRALIA - QUEENSLAND - Fitzroy River - Wreck

Maritime Safety Queensland Notice 166(T)/2013 (AA653574)

A stranded wreck exists in position 23° 25'.58 S 150° 35'.60 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 819

213(T)/2013 AUSTRALIA - QUEENSLAND - Whitehaven Bay - Light beacon destroyed

Former Notice - 159(T)/2013 is cancelled

Maritime Safety Queensland Notice 169(T)/2013 (AA653550)

The north cardinal light beacon, Q (20° 17'.53 S 149° 03'.35 E), has been destroyed; a special light buoy, Q.Y, exists in situ.

Chart temporarily affected - Aus 252 - Aus 253

214(T)/2013 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instruments

Date - Until 30 November 2013

Maritime Safety Queensland Notice 176(T)/2013 (AA653795)

Special light buoys, *Fl.Y.4s*, exist in the following positions:

19° 54'.26 S 148° 08'.54 E

19° 52'.21 S 148° 06'.25 E

19° 48'.38 S 148° 01'.13 E

19° 50'.59 S 148° 00'.42 E

19° 53'.51 S 148° 00'.37 E

19° 51'.11 S 147° 57'.29 E

19° 49'.11 S 147° 54'.35 E.

Chart temporarily affected - Aus 255 - Aus 826

215(T)/2013 AUSTRALIA - QUEENSLAND - Oyster Point - Shoaling; obstructions

Maritime Safety Queensland Notice 151(T)/2013 (AA652929)

Shoaling and obstructions exist in Port Hinchinbrook Marina (18° 16'.71 S 146° 02'.70 E) and Grande Canal (18° 16'.88 S 146° 02'.80 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 258

262(T)/2013 AUSTRALIA - QUEENSLAND - Burnett River - Wreck

Maritime Safety Queensland Notice 204(T)/2013 (AA655691)

A wreck exists in position 24° 49'.17 S 152° 22'.16 E.

A special light buoy, *Fl.Y.2-5s*, exists in position 24° 49'.17 S 152° 22'.16 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

264(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Friend Point to Laird Point - Anchoring prohibited; pipeline

Date - Until 31 March 2013

Maritime Safety Queensland Notice 206(T)/2013 (AA655688)

Anchoring is prohibited in an area bounded by the following positions:

23° 45'.04 S 151° 09'.39 E

23° 44'.98 S 151° 10'.62 E

23° 45'.08 S 151° 10'.71 E

23° 45'.15 S 151° 09'.27 E.

A pipeline exists between Friend Point and Laird Point.

Chart temporarily affected - Aus 245

302(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Garnet Rock - Light beacon destroyed; light buoy established

Former Notice - 148(T)/2013 is cancelled

Maritime Safety Queensland Notice 240(T)/2013 (AA658521), Maritime Safety Queensland Notice 238(T)/2013 (AA685522)

The starboard light beacon, *Fl.G.6s* (27° 14'.50 S 153° 07'.40 E) has been destroyed. A starboard lateral light buoy, *Fl.G.3s*, exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

341(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Light beacon destroyed

Maritime Safety Queensland Notice 285(T)/2013 (AA664979)

No6 light beacon, *Fl.R.4s* (27° 19'.22 S 153° 12'.23 E), has been destroyed; a special light buoy, *Fl.Y.2·5s*, exists in situ.

Chart temporarily affected - Aus 237

400(T)/2013 AUSTRALIA - QUEENSLAND - Daydream Island - Lights unlit

Former Notice - 305(T)/2013 is cancelled

Maritime Safety Queensland Notice 317(T)013 (AA667369)

The leading lights, *2F.Bu.5M (F Day)* (20° 15'.09 S 148° 48'.92 E), are unlit.

Chart temporarily affected - Aus 252 - Aus 253

401(T)/2013 AUSTRALIA - QUEENSLAND - Upstart Bay - Light buoy off station

Maritime Safety Queensland Notice 297(T)/2013 (AA666335)

The light buoy, *Fl.R.2·5s*, (19° 49'.44 S 147° 42'.33 E) is off station.

Chart temporarily affected - Aus 826

463(T)/2013 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Wreck

Maritime Safety Queensland Notice 348(T)/2013 (AA669341)

A wreck exists in position 25° 32'.04 S 152° 55'.49 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 240 - Aus 241

510(T)/2013 AUSTRALIA - QUEENSLAND - The Broadwater - South Channel - Dredging operations

Former Notice - 199(T)/2013 is cancelled

Date - Until 12 July 2013

Maritime Safety Queensland Notice 380(T)/2013 (AA672047)

The dredge *Dogo* and support vessels are conducting dredging operations between light beacons GS4 (27° 56'.20 S 153° 25'.49 E) and SC2 (27° 56'.40 S 153° 25'.26 E).

A floating pipeline exists in the channel and temporary nav aids will be established to guide vessels around the area.

The dredge will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

512(T)/2013 AUSTRALIA - QUEENSLAND - North Keppel Island - Wreck

Maritime Safety Queensland Notice 379(T)/2013 (AA671710)

A wreck marked by a special buoy exists in position 23° 03'.80 S 150° 53'.24 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 820 - AX 00820S

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

599(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Depths

Former Notice - 152(T)/2013 is cancelled

Maritime Safety Queensland Notice 450/2013 (AA677280)

Depths may not be consistent with charted information.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

600(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Jetty; light

Date - Until 30 January 2014

Maritime Safety Queensland Notice 450/2013 (AA677280)

Jetty ruins marked by a light, *Fl.G.4s*, exist in position 24° 47'.75 S 152° 22'.91 E.

Chart temporarily affected - Aus 242

602(T)/2013 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Cardwell - Wreck

Former Notice - 1197(T)/2010 is cancelled

Maritime Safety Queensland Notice 443(T)/2012 (AA677081)

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 18° 14'.71 S 146° 01'.66 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 259 - Aus 828

648(P)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Nav aids established

Date - On or about 30 September 2013

Maritime Safety Queensland Notice 470(T)/2013 (AA678944)

Light beacons have been established as follows:

<i>Name</i>	<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
No14	24° 45'.303 S 152° 24'.148 E	<i>Fl.R.2s</i>	
No15 (MRDF)	24° 45'.243 S 152° 24'.027 E	<i>Q (F Day) & Fl.G.4s</i>	Front lead
MRDR	24° 45'.225 S 152° 24'.091 E	<i>Iso.2s (F Day)</i>	Rear lead
No17 (IRDF)	24° 45'.387 S 152° 23'.392 E	<i>Q (F Day) & Fl.G.4s</i>	Front lead
IRDR	24° 45'.315 S 152° 23'.483 E	<i>Iso.2s (F Day)</i>	Rear lead
No18	24° 45'.526 S 152° 23'.281 E	<i>Fl.R.2s</i>	No20 renumbered
No19 (MRAF)	24° 45'.497 S 152° 23'.161 E	<i>Q (F Day) & Fl.G.4s</i>	Front lead
MRAR	24° 45'.546 S 152° 22'.995 E	<i>Iso.2s (F Day)</i>	Rear lead

No20	24° 45'.756 S 152° 22'.996 E	<i>Fl.R.4s</i>	No22 renumbered
No21 (IRAF)	24° 45'.847 S 152° 22'.813 E	<i>Q (F Day) & Fl.G.4s</i>	Front lead
IRAR	24° 45'.900 S 152° 22'.746 E	<i>Iso.2s (F Day)</i>	Rear lead
No22	24° 45'.833 S 152° 22'.949 E	<i>Fl.R.4s</i>	No24 renumbered
No24	24° 45'.994 S 152° 22'.893 E	<i>Fl.R.4s</i>	No26 renumbered

Light buoys have been established as follows:

<i>Name</i>	<i>Position</i>	<i>Characteristic</i>
No23	24° 46'.052 S 152° 22'.758 E	<i>Fl.Y.2·5s</i>
No25	24° 46'.187 S 152° 22'.730 E	<i>Fl.Y.2·5s</i>
No27	24° 46'.251 S 152° 22'.736 E	<i>Fl.Y.2·5s</i>
No29	24° 46'.288 S 152° 22'.773 E	<i>Fl.Y.2·5s</i>
No31	24° 46'.317 S 152° 22'.821 E	<i>Fl.Y.2·5s.</i>

Note: a new edition of Aus 242 will be published in due course.

Chart which will be affected - Aus 242

651(T)/2013 AUSTRALIA - QUEENSLAND - Muddy Bay - Harbour works

Date - Until 20 October 2013

Maritime Safety Queensland Notice 497(T)/2013 (AA680645)

Works associated with the development of the marina are in progress in the vicinity of 20° 16'.24 S 148° 43'.50 E. The construction area is marked by special buoys.

Chart temporarily affected - Aus 253 - Aus 268

653(T)/2013 AUSTRALIA - QUEENSLAND - Cooktown - Depth information

Former Notice - 751(T)/2012 is cancelled

Maritime Safety Queensland Notice 501(T)/2013 (AA680585)

Available depths as at 24 June 2013:

	<i>Metres</i>
* Entrance Channel	1.7
* Inner Channel	2.8
* Public Wharf	2.6
* Swing Basin	2.6
* Indicates revised entry.	

Chart temporarily affected - Aus 270

703(T)/2013 AUSTRALIA - QUEENSLAND - Boyne River - Shoaling; navaids

Former Notice - 415(T)/2011 is cancelled

Maritime Safety Queensland Notice 529(T)/2013 (AA682825)

Shoaling exists within the entrance and approach channel to Boyne River (23° 56'.5 S 151° 21'.3 E).

A special light buoy, *Fl.Y.2·5s*, exists in position 23° 55'.64 S 151° 22'.06 E.

No5 starboard beacon (23° 55'.85 S 151° 21'.55 E) has been altered to a port beacon and renumbered No6.

No1, No3, No9 and No10 beacons have been removed and lateral buoys exist in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 246

704(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - East Banks - Scientific instruments

Date - Until 4 July 2014

Maritime Safety Queensland Notice 524(T)/2013 (AA682836)

Scientific instruments marked by special light buoys, *Q.Y.*, exist in positions 23° 52'.06 S 151° 29'.30 E and 23° 51'.60 S 151° 26'.59 E.

Chart temporarily affected - Aus 246 - Aus 819

709(T)/2013 AUSTRALIA - QUEENSLAND - Port Alma - Scientific instruments

Date - Until 4 July 2014

Maritime Safety Queensland Notice 525(T)/2013 (AA682840)

Scientific instruments marked by special light buoys, *Fl.Y.3s*, exist in positions 23° 34'.10 S 150° 51'.53 E and 23° 31'.59 S 150° 55'.39 E.

Chart temporarily affected - Aus 247 - Aus 265

760(T)/2013 AUSTRALIA - QUEENSLAND - Brisbane River - Shafston Reach - Harbour works

Date - Until 31 July 2014

Maritime Safety Queensland Notice 562(T)/2013 (AA686411)

Harbour works associated with the reconstruction of the New Farm riverwalk are in progress.

A temporary 6 knot speed limit, marked by four special light buoys, *Q.Y*, exists between 27° 27'.83 S 153° 02'.15 E and 27° 27'.77 S 153° 02'.15 E; downstream to 27° 28'.37 S 153° 02'.38 E and 27° 28'.35 S 153° 02'.44 E.

The barge MDT1803 and tugs are on site and will monitor VHF Ch 13. The barge will display appropriate lights and shapes and the offshore anchor lines will be marked by special light buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

762(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations

Former Notice - 467(T)/2013 is cancelled

Date - Until 16 August 2013

Maritime Safety Queensland Notice 556(T)/2013 (AA686377)

Diving operations are in progress in the vicinity position 21° 15'.02S 149° 18'.35 E.

MV *Shadows* is on site and will display appropriate lights and shapes and will monitor VHF Ch 14 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 250

763(T)/2013 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations

Date - Until 9 September 2013

Maritime Safety Queensland Notice 572(T)/2013 (AA686339)

The vessel *Pacific Conquest* is conducting dredging operations in Karumba Entrance Channel (17° 26'.1 S 140° 44'.2 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 6

766(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Dredging operations

Former Notice - 342(T)/2013 is cancelled

Date - Until 28 February 2014

Maritime Safety Queensland Notices 243(T)/2013, 563(T)/2013 (AA662217, AA686321)

The dredge *Ken Harvey* and support vessels MT *Sealion* and MT *Turtle* and two spoil barges are conducting dredging operations in the vicinity of 27° 11'.42 S 153° 05'.61 E.

Two lit orange mooring buoys exist in positions 27° 11'.03 S 153° 05'.39 E and 27° 11'.03 S 153° 05'.45 E.

No4 light beacon (27° 11'.81 S 153° 05'.62 E) has been removed and a port lateral light buoy, *Q.R*, has been established in situ.

All vessels will display appropriate lights and shapes and monitor VHF Ch 12.

The dredge will be moored in the channel and vessels transiting the channel will be required to contact the dredger on VHF Ch 12 or mobile 0408 197 705 to request side mooring wires be lowered.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

768(T)/2013 AUSTRALIA - QUEENSLAND - Trinity Inlet to Haycock Island - Scientific instruments

Date - Until 31 July 2014

Maritime Safety Queensland Notice 551(T)/2013 (AA686131)

Subsurface scientific instruments exist in positions:

16° 45'.30 S 145° 42'.55 E

16° 48'.28 S 145° 44'.72 E

16° 51'.24 S 145° 54'.84 E

16° 51'.75 S 145° 50'.50 E

16° 53'.51 S 145° 47'.11 E

16° 57'.71 S 145° 47'.77 E.

Chart temporarily affected - Aus 262 - Aus 263 - Aus 264 - Aus 830 - AX 63262 - AXA 0830T

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

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

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 - Aus 831

861(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Depth information

Former Notice - 761(T)/2013 is cancelled

Maritime Safety Queensland Notice 641(T)/2013 (AA690652)

Available depths as of 14 August 2013:

	<i>Metres</i>	<i>Remarks</i>
* Entrance Channel	8.3	
Crystal Swing Basin at:		
360 metre diameter	6.8	
380 metre diameter	6.4	
Swing Basin at:		
310 metre diameter	8.7	
320 metre diameter	7.8	
Marlin Marina	4.2	
<i>Berths:</i>		
No 1	8.4	
No 2	8.5	
No 3	8.4	
No 4	8.4	
No 5	8.2	
No 6	8.1	between 500 metres and 550 metres
No 6	7.7	between 550 metres and 600 metres
No 7	9.9	
No 8	10.0	
No 10	9.3	
No 12	10.5	
Smiths Creek 1	4.7	
* Indicates revised entry.		

Chart temporarily affected - Aus 262 - Aus 263 - Aus 264 - Aus 830 - AXA 0830T

862(T)/2013 AUSTRALIA - QUEENSLAND - Clump Point - Harbour works

Date - Until 30 September 2013

Maritime Safety Queensland Notice 614(T)/2013 (AA690700)

Works associated with the removal of a jetty and construction of a new one are in progress in the vicinity of position 17° 51'.02 S 146° 06'.39 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 258 - Aus 829

868(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Depth information

Former Notice - 820(T)/2013 is cancelled

Maritime Safety Queensland Notice 644(T)/2013 (AA690653)

Available depths as at 14 August 2013:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.6	
Platypus Channel	11.3	
<i>Outer Harbour:</i>		
Arrival Channel	5.7	
Departure Channel	10.0	Less depth at SE corner 9.1 metres
<i>Inner Harbour:</i>		
Harbour	11.4	
<i>Berths:</i>		
No 1	11.9	
* No 2	12.2	
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

908(T)/2013 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works

Date - Until 18 October 2013

Maritime Safety Queensland Notice 698(T)/2013 (AA694209)

Harbour works are in progress in position 27° 23'.10 S 153° 09'.63 E.

The barge *Serinia* is on site and will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237

910(T)/2013 AUSTRALIA - QUEENSLAND - Cassady - Light buoy unlit

Maritime Safety Queensland Notice 645(T)/2013 (AA691874)

The safe water light buoy, *Iso.2s* (18° 36'.88 S 146° 21'.57 E), is unlit.

Chart temporarily affected - Aus 827 - Aus 828

970(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information

Former Notice - 598(T)/2013 is cancelled

Maritime Safety Queensland Notice 730(T)/2013 (AA695781)

Available depths as at 12 September 2013:

	<i>Metres</i>
Sea Reach	6.5
Middle Reach	6.5
Inner Reach	6.5
Swing Basin	5.5
* Oil Berth	8.0
BST Berth	8.7
* Deep draught departure channel	8.6

* Indicates revised entry.

Chart temporarily affected - Aus 242 - Aus 243

971(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Senrab Point - Light unlit

Maritime Safety Queensland Notice 678(T)/2013 (AA695404)

The light, *F.G* (16° 56'.44 S 145° 46'.73 E), is unlit.

Chart temporarily affected - Aus 263 - Aus 264

972(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Scientific instruments

Former Notice - 715(T)/2013 is cancelled

Date - Until 28 February 2014

Maritime Safety Queensland Notice 741(T)/2013 (AA697230)

A subsurface scientific instrument exists in position 16° 46'.84 S 145° 48'.60 E.

A scientific instrument marked by a special conical light buoy, *Fl.Y.2.7s*, exists in position 16° 51'.28 S 145° 49'.04 E.

Chart temporarily affected - Aus 262 - AX 63262

973(P)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Light beacons

Date - On or about 4 November 2013

Maritime Safety Queensland Notice 733(T)/2013 (AA695765, AA696582)

Light beacons, marked by temporary lights, *Fl. Y. 4s*, will be established as follows:

<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
23° 48'.25 S 151° 13'.80 E	<i>Q. Bu (F Day) & Fl. G. 4s</i>	Clinton Bypass Approach Front
23° 48'.00 S 151° 13'.45 E	<i>Iso. Bu. 2s (F Day) & Fl(2) 6s</i>	Clinton Bypass Approach Rear
23° 50'.23 S 151° 16'.53 E	<i>F. R (F Day) & Fl(2) 6s</i>	Clinton Bypass Departure Front
23° 50'.49 S 151° 16'.90 E	<i>F. R (F Day) & Q</i>	Clinton Bypass Departure Rear
23° 49'.33 S 151° 15'.45 E	<i>Fl. G. 4s</i>	Clinton Bypass 1
23° 49'.26 S 151° 15'.05 E	<i>Fl. R. 4s</i>	Clinton Bypass 2
23° 49'.17 S 151° 15'.23 E	<i>Fl. G. 4s</i>	Clinton Bypass 3
23° 49'.12 S 151° 14'.85 E	<i>Fl. R. 4s</i>	Clinton Bypass 4
23° 47'.93 S 151° 13'.04 E	<i>Fl. G. 4s</i>	Jacobs Channel 1

Chart which will be affected - Aus 244 - Aus 245

975(T)/2013 AUSTRALIA - QUEENSLAND - Hull River - Light unlit

Maritime Safety Queensland Notice 711(T)/2013 (AA695409)

The light, *Fl. 2-5s* (17° 59'.40 S 146° 04'.67 E), is unlit.

Chart temporarily affected - Aus 258 - Aus 828 - Aus 829

978(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Date - Until 3 December 2013

Maritime Safety Queensland Notice 677(T)/2013 (AA692719)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 30 September to 3 December 2013.

A marine danger area extends to all internal waters bounded by the following positions:

22° 27'.02 S 150° 34'.98 E
22° 33'.13 S 150° 42'.40 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
22° 27'.02 S 150° 34'.98 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 248 - Aus 367 - Aus 820 - Aus 822 - AX 00367S - AX 00820S - AX 00822S

983(T)/2013 AUSTRALIA - TORRES STRAIT - Channel Rock - Wreck; light buoy

Former Notice - 775(T)/2013 is cancelled

Maritime Safety Queensland Notice 709(T)/2013 (AA695295)

A wreck marked by a special light buoy, *Fl. Y. 2-5s*, exists in position 10° 33'.14 S 142° 15'.13 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 292 - Aus 293 - Aus 299 - Aus 700

1007(T)/2013 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Rocks Reach - Harbour works

Date - Until 7 November 2013

Maritime Safety Queensland Notice 769(T)/2013 (AA698795)

Piling operations and construction works are in progress in the vicinity of position 27° 24'.46 S 153° 09'.07 E.

The barge *Maeve Anne* is on site and has deployed anchors marked by special light buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237

1008(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Dredging operations

Date - Until 12 December 2013

Maritime Safety Queensland Notice 783(T)/2013 (AA699976)

The vessels *Nu Endeavour*, *Nu Maxlift* and *Nu Rapid* are conducting dredging operations along the northern training wall between positions 24° 45'.31 S 152° 23'.49 E and 24° 46'.45 S 152° 22'.77 E. A floating pipeline exists between these positions.

The vessels will display appropriate lights and shapes and will monitor VHF Ch 13, Ch 16 and Ch 82.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242**1010(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys**

Former Notice - 951(T)/2012 is cancelled

Date - Until 15 December 2013

Maritime Safety Queensland (AA698376)

Light buoys exist in the following positions:

<i>Number</i>	<i>Position</i>	<i>Characteristic</i>
T3	23° 47'.97 S 151° 12'.81 E	<i>Fl.G.4s</i>
T4	23° 48'.12 S 151° 12'.87 E	<i>Fl.R.4s</i>

Chart temporarily affected - Aus 244 - Aus 245**1014(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - Depth information**

Former Notice - 650(T)/2012 is cancelled

Maritime Safety Queensland Notices 781/2013, 784/2013 (AA699549, AA699720)

Available depths as at 27 September 2013:

	<i>Metres</i>	<i>Remarks</i>
* Entrance Channel	14.7	Between No 4 beacon and the northern end.
	15.0	Seaward of beacon No 4.
* HPS Berth No 1	16.4	
* HPS Berth No 2	16.8	
* DBCT Berth No 1	17.6	
* DBCT Berth No 2	17.9	
* DBCT Berth No 3	17.9	
* DBCT Berth No 4	17.8	
Tug Harbour entrance channel	5.1	Lesser depths exist close to the outer edges of the channel and around tug berths and piers.
* Indicates revised entry.		

Lesser depth exist in an area south of Hay Point No 1 berth out to approximately 100m east northeast from the seaward edge of berth No 3 and leading southward to the southwest corner of the channel

Chart temporarily affected - Aus 249 - Aus 250 - AX 00249S**1015(T)/2013 AUSTRALIA - QUEENSLAND - Karumba - Depth information**

Former Notice - 517(T)/2013 is cancelled

Maritime Safety Queensland Notice 374(T)/2013, 770(T)/2013 (AA671724, AA699028)

Available depths as at 25 September 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Entrance Channel	3.4	Shoaling exists on the northern side of the channel in the vicinity of position 17° 26'.64 S 140° 45'.32 E. Mariners are advised to navigate south of the centreline of the channel.
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

1016(T)/2013 AUSTRALIA - QUEENSLAND - Kirra Point to Currumbin Rock - Scientific instruments

Date - Until 16 November 2013

Maritime Safety Queensland Notice 793(T)/2013 (AA699962)

Subsurface scientific instruments exist in the vicinity of position 28° 08'.67 S 153° 30'.68 E.

Chart temporarily affected - Aus 813 - Aus 814

1017(T)/2013 AUSTRALIA - QUEENSLAND - Mackay - Depth information

Former Notice - 1090(T)/2012 is cancelled

Maritime Safety Queensland Notice 753(T)/2013 (AA698557)

Available depths as at 20 September 2013:

Remarks	Metres
* Entrance Channel	9.0
* Swing Basin	8.4
Berth No 1	10.5
* Berth No 3	12.3
Berth No 3 & 4 composite	12.3
Berth No 4	10.4
* Berth No 5	11.8
* Indicates revised entry.	

Chart temporarily affected - Aus 250

1021(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Coochiemudlo Island - Harbour works

Date - Until 4 November 2013

Maritime Safety Queensland Notice 764(T)/2013 (AA698739)

Barges *GHT* and *Faucon* are conducting dredging operations in the vicinity of position 27° 34'.53 S 153° 19'.94 E.

An exclusion zone marked by special buoys exists in the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

1024(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Obstruction

Maritime Safety Queensland Notice 794(T)/2013 (AA699938)

An obstruction exists in position 26° 56'.94 S 153° 05'.19 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

1025(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Raynham Island - Live firing

Former Notice - 866(T)/2013 is cancelled

Date - Until 1 February 2014

Maritime Safety Queensland Notice 763(T)/2013 (AA698726)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 1 October 2013 to 31 January 2014.

A marine danger area extends to all waters within a 2M radius of position 22° 15'.96 S 150° 32'.45 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

1026(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations

Date - Until 28 November 2013

Maritime Safety Queensland Notice 795(T)/2013 (AA699900)

The dredge *Brisbane* is conducting dredging operations in Sea Channel, Platypus Channel and Inner & Outer Harbour.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 257 - Aus 827

1054(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Drilling operations

Date - Until 15 November 2013

Maritime Safety Queensland Notice 825(T)/2013 (AA702205)

Drilling operations are in progress in the Cairns channel and harbour.

Mariners are advised to navigate with caution in the area.

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

1056(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys repositioned

Maritime Safety Queensland Notice 778(T)/2013 (AA701517)

The light buoys have been repositioned to mark the toe lines of the new Passage Island Channel as follows:

	<i>Positions</i>	<i>Light characteristics</i>
PI1	23° 47'.58 S 151° 12'.57 E	Fl.G.2.5s
PI2	23° 47'.66 S 151° 12'.49 E	Fl.R.2.5s
PI3	23° 47'.43 S 151° 12'.40 E	Fl.G.2.5s
PI4	23° 47'.51 S 151° 12'.32 E	Fl.R.2.5s
PI5	23° 47'.02 S 151° 11'.95 E	Fl.G.2.5s
PI6	23° 47'.37 S 151° 12'.05 E	Fl.R.2.5s
PI7	23° 46'.60 S 151° 11'.45 E	Fl.G.2.5s
PI8	23° 47'.11 S 151° 11'.79 E	Fl.R.2.5s
PI9	23° 46'.50 S 151° 11'.38 E	Fl.G.2.5s
PI10	23° 46'.84 S 151° 11'.41 E	Fl.R.2.5s
PI11	23° 46'.39 S 151° 11'.32 E	Fl.G.2.5s
PI12	23° 46'.68 S 151° 11'.38 E	Fl.R.2.5s
PI13	23° 46'.26 S 151° 11'.37 E	Fl.G.2.5s
PI14	23° 46'.56 S 151° 11'.29 E	Fl.R.2.5s
PI15	23° 46'.09 S 151° 11'.42 E	Fl.G.2.5s
PI16	23° 46'.39 S 151° 11'.16 E	Fl.R.2.5s
PI17	23° 46'.16 S 151° 11'.23 E	Fl.Y.2.5s
PI18	23° 46'.13 S 151° 10'.95 E	Fl.R.2.5s
PI19	23° 46'.11 S 151° 11'.25 E	Fl.Y.2.5s
PI20	23° 46'.01 S 151° 10'.90 E	Fl.R.2.5s
PI22	23° 45'.75 S 151° 10'.78 E	Fl.R.2.5s
PI23	23° 45'.83 S 151° 10'.93 E	Fl.G.2.5s
PI24	23° 45'.58 S 151° 10'.74 E	Fl.R.2.5s
PI25	23° 45'.70 S 151° 10'.89 E	Fl.G.2.5s
PI26	23° 45'.47 S 151° 10'.66 E	Fl.R.2.5s
PI27	23° 45'.57 S 151° 10'.85 E	Fl.G.2.5s
PI28	23° 45'.34 S 151° 10'.66 E	Fl.Y.2.5s
PI29	23° 45'.52 S 151° 10'.88 E	Fl.G.2.5s
PI50	23° 46'.67 S 151° 11'.64 E	Fl.Y.2.5s

The following light buoys have been removed:

	<i>Positions</i>
PI21	23° 45'.51 S 151° 10'.88 E
PI51	23° 46'.25 S 151° 11'.21 E
PI52	23° 46'.10 S 151° 11'.26 E
PI53	23° 45'.33 S 151° 10'.66 E
PI55	23° 45'.09 S 151° 10'.29 E

The replacement of the light buoys by light beacons is due to be completed 1Q 2014. A preliminary notice to mariners will be issued for the light beacon project in due course. As such the charts will not be updated; new chart Aus 272 is due for publication early 2014.

The AHS will update the ENC AU5244X5 to reflect the changes as they occur.

Chart temporarily affected - Aus 244 - Aus 245

1059(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Light beacon unlit
Maritime Safety Queensland Notice 812(T)/2013 (AA702174)

The starboard light beacon, *Fl.G.2-5s* (27° 02'.69 S 153° 07'.74 E), is unlit.

A starboard lateral light buoy, *Fl.G.2-5s*, exists in position 27° 02'.68 S 153° 07'.74 E.

Chart temporarily affected - Aus 235 - Aus 236

1060(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Date - Until 21 November 2013

Maritime Safety Queensland Notice 743(T)/2013 (AA697235)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 20 October to 20 November 2013.

A marine danger area extends to all internal waters bounded by the following positions:

22° 10'.02 S 150° 30'.06 E
22° 19'.92 S 150° 45'.05 E
22° 27'.02 S 150° 34'.98 E
22° 25'.00 S 150° 25'.00 E
22° 12'.47 S 150° 25'.00 E
22° 10'.02 S 150° 30'.06 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 261 - Aus 367 - Aus 820 - Aus 822 - AX 00260T - AX 00260S - AX 00367S - AX 00820S - AX 00822S

1061(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Stuart Creek - Wreck

Maritime Safety Queensland Notice 816(T)/2013 (AA701888)

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 19° 16'.82 S 146° 49'.83 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

1098(T)/2013 AUSTRALIA - QUEENSLAND - Cape Tribulation - Wreck; exclusion zone

Former Notice - 1055(T)/2013 is cancelled

Maritime Safety Queensland Notice 831(T)/2013 (AA703110)

A wreck exists in position 16° 07'.64 S 145° 31'.22 E.

Salvage operations are in progress and a 1852m radius exclusion zone exists around the wreck.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 831 - AXA 0830T

1100(T)/2013 AUSTRALIA - QUEENSLAND - Gold Coast - Nerang River - Harbour works

Former Notice - 1013(T)/2013 is cancelled

Maritime Safety Queensland Notice 327(T)/2013, 856(T)/2013 (AA668391, AA703970)

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 clearance is 4.8m HAT.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

1101(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - AIS trial

Date - Until 15 January 2014

Maritime Safety Queensland Notice 827(T)/2013 (AA703038, AA703683)

AIS exist as follows:

<i>MMSI</i>	<i>Position (WGS84 datum)</i>	<i>Remarks</i>	<i>Type</i>
995036068	21° 15'.96 S 149° 19'.70 E	Starboard lateral mark	Virtual
995036069	21° 16'.22 S 149° 19'.78 E	Port lateral mark	Virtual
995036067	21° 15'.61 S 149° 19'.54 E	Special mark	Virtual
995031021	21° 15'.33 S 149° 23'.18 E	Port lateral mark	Synthetic

Chart temporarily affected - Aus 249 - Aus 250 - AX 00249S

1102(T)/2013 AUSTRALIA - QUEENSLAND - Mackay - Shoaling

Former Notice - 858(T)/2012 is cancelled

Maritime Safety Queensland Notice 868(T)/2013 (AA704548)

Shoaling, with a least depth of *8m*, exists in position 21° 06'.36 S 149° 15'.05 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 250

1103(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling

Former Notice - 1057(T)/2013 is cancelled

Maritime Safety Queensland Notice 791(T)/2013, 833(T)/2013 (AA699723, AA702963)

A least depth of *2.3m* exists within the main channel to Mooloolah River.

A least depth of *2.4m* exists midway between light beacons No1 (26° 40'.81 S 153° 07'.94 E) and No3 (26° 40'.86 S 153° 08'.01 E).

A least depth of *1.5m* exists at the western side of the channel between light beacons No5 (26° 40'.92 S 153° 08'.09 E) and No8 (26° 41'.01 S 153° 08'.12 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

1104(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Light beacon damaged

Maritime Safety Queensland Notice 832(T)/2013 (AA702961)

The No8 light beacon (26° 41'.01 S 153° 08'.12 E) has been damaged; a temporary light, *Fl.R.2-5s*, exists on the beacon.

Chart temporarily affected - Aus 235

1105(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information

Former Notice - 1058(T)/2013 is cancelled

Brisbane Port Corporation (AA704716)

Available depths and under keel clearances (UKC) at 31 October 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No12	13.8	
* Fisherman Islands No11	13.7	
* Fisherman Islands No10	13.2	
Fisherman Islands No9	13.9	
Fisherman Islands No8	14.0	
Fisherman Islands No7	14.0	
Fisherman Islands No6	14.2	
Fisherman Islands No5	14.0	
Fisherman Islands No4	14.0	

Fisherman Islands No3	14.0
Fisherman Islands No2	14.0
* Fisherman Islands No1	13.7
Fisherman Islands Grain and Woodchip	13.1
Caltex Fisherman Islands	14.5
* Fisherman Islands Coal	14.0
Fisherman Islands General Purpose	11.0
* BP Luggage Point	14.3
Caltex Products	10.1
* Cement Australia Co Wharf	9.3
BP Products	10.6
* Shell	10.9
Pacific Terminals	10.7
* Incitec North	10.0
Incitec South	10.3
* Pinkenba 1	9.7
* Pinkenba 2	9.7
Riverside Marina	-
Sugar Terminal	9.8
Cairncross Fitting Out Wharf	7.2
* Cairncross Breasting Wharf	4.9
Brisbane Naval Wharf	4.3
Maritime No1	9.0
* Hamilton No4	10.1
Hamilton No1	8.7
Brisbane Cruise Ship Terminal	8.7

	Metres	UKC/Remarks
<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)
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	13.6	1.46
Fisherman Islands Swing Basin	13.9	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	9.0	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

1106(T)/2013 AUSTRALIA - QUEENSLAND - Port Denison - Light buoy unlit

Maritime Safety Queensland Notice 839(T)/2013 (AA703114)

The starboard lateral light buoy, *Fl.G.4s M5* (20° 02'.36 S 148° 15'.77 E), is unlit.

Chart temporarily affected - Aus 268

1107(T)/2013 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Dredging operations; pipeline

Former Notice - 649(T)/2013 is cancelled

Date - Until 20 December 2013

Maritime Safety Queensland Notices 505(T)/2013, 869(T)/2013 (AA680912, AA704523)

The dredge *Darwin* is conducting dredging operations in the harbour (23° 09'.65 S 150° 47'.39 E).

Spoil will be deposited in an area within a 100m radius of position 23° 09'.13 S 150° 47'.80 E. The dredge will display appropriate lights and shapes and will monitor VHF Ch 16 and Ch 21.

A pipeline exists on the seabed between the following:

Position	Remarks
23° 09'.14 S 150° 47'.75 E	special light buoy, <i>Fl.Y.2s</i>
23° 09'.15 S 150° 47'.46 E	

23° 09'.24 S 150° 47'.42 E
23° 09'.35 S 150° 47'.34 E
23° 09'.53 S 150° 47'.31 E
23° 09'.56 S 150° 47'.35 E.

special light buoy, *Fl. Y. 2s*

Mariners are advised not to anchor in the vicinity of the pipeline and to navigate with caution in the area.

Chart temporarily affected - Aus 247 - Aus 819 - Aus 820 - AX 00820S

1109(T)/2013 AUSTRALIA - QUEENSLAND - Whitsundays - Spitfire Rock - Light beacon destroyed

Former Notice - 422(T)/2011 is cancelled

Maritime Safety Queensland Notice 930(T)/2010, 837/2013 (AA500617, AA702934)

The west cardinal light beacon (20° 28'.59 S 149° 01'.70 E) has been destroyed; a west cardinal cylindrical light buoy Q(9)15s exists in situ.

Chart temporarily affected - Aus 252 - Aus 254 - Aus 824

NORTHERN TERRITORY

223(T)/2009 AUSTRALIA - TIMOR SEA - Sahul Banks - Navaid; racon non operational

Former Notice - 671(T)/2008 is cancelled
Modec Management Services (AA384494)

A lit riser turret mooring exists in position 10° 52'.50 S 126° 34'.19 E. The racon is non operational.

Chart temporarily affected - Aus 312 - Aus 4721 (INT 721) - AX 0312F - AX 4721F

814(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Light buoy withdrawn

Darwin Port Corporation Notice 83(T)/2012 (AA616039)

The light buoy, *Fl. Y. 4s*, (12° 28'.08 S 130° 49'.77 E), has been temporarily withdrawn.

Chart temporarily affected - Aus 24 - Aus 26 - AX 72026

870(T)/2012 INDIAN OCEAN - Sumatera - Scientific instruments westwards

Former Notice - 817(T)/2012 is cancelled
JAMSTEC (AA620015, AA620016)

Scientific instruments, Triton buoys, exist as follows:

<i>Number</i>	<i>Position</i>
17	4° 56'.93 S 94° 58'.51 E
18	1° 39'.34 S 89° 59'.74 E
19	7° 59'.97 S 95° 02'.39 E
20	4° 57'.55 S 97° 17'.13 E.

Chart temporarily affected - Aus 4070 (INT 70) - Aus 4071 (INT 71)

910(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Cossack Creek - Obstruction

Darwin Port Corporation Notice 103/2012 (AA622006)

An obstruction exists in position 12° 31'.37 S 130 54'.08 E.

Chart temporarily affected - Aus 28

1003(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Lee Point to Fannie Bay - Obstructions

Date - Until 30 September 2013
Darwin Port Corporation Notice 120(T)/2012 (AA627292)

Obstructions exist in positions 12° 21'.69 S 130° 51'.23 E and 12° 25'.88 S 130° 49'.84 E.

Chart temporarily affected - Aus 24 - Aus 26 - AX 72026

1004(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Depth information

Former Notice - 62(T)/2012 is cancelled
Darwin Port Corporation (AA627294)

Available depths as at 26 September 2012:

<i>Berths</i>	<i>Metres</i>
* LNG 1-2	10.1
DLNG	13.1 (11.7 in Turning Basin)
* East Arm 0-100m	11.3
* East Arm 100-200m	12.2
* East Arm 200-300m	12.6
* East Arm 300-400m	12.6
* East Arm 400-500m	12.5
* East Arm 500-600m	13.3
East Arm 600-700m	11.8
Bulk Solids Wharf	12.4
Bulk Liquids Wharf	11.4
No 2 Fort Hill East	10.6
No 2 Fort Hill West	10.2

No 3 Stokes Hill East	4.7
No 3 Stokes Hill West	4.9
No 4 Stokes Hill East	1.7
No 4 Stokes Hill Middle	0.8
No 4 Stokes Hill West	3.2
Fishermans Wharf East	2.1
Fishermans Wharf West	0.7
Perkins International	-0.7
Perkins Domestic North	-0.9
Perkins Domestic South	-1.7
Frances Bay Marina approach channel	-0.9

* Indicates new or revised entry.

Chart temporarily affected - Aus 24 - Aus 27 - Aus 28

1096(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Pontoon

Date - Until 4 December 2012

Darwin Port Corporation Notice 146(T)/2012 (AA633169)

A pontoon with a tide gauge exists in position 12° 30'.29 S 130° 55'.18 E.

Anchors will be marked by lights.

Mariners are advised to navigate with caution in the area.

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

1146(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Fenton Patches - Scientific instruments

Former Notice - 960(T)/2012 is cancelled

Date - Until 31 August 2014

Darwin Port Corporation Notice 158(T)/2012 (AA636819)

Special light buoys, *Fl. Y. 3-5s*, exist in positions 12° 15'.17 S 130° 46'.39 E and 12° 14'.10 S 130° 50'.38 E.

Chart temporarily affected - Aus 309 - Aus 722 - AX 00309U - AX 72309 - AX 72722

1148(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Scientific instruments

Former Notice - 961(T)/2012 is cancelled

Date - Until 31 August 2014

Darwin Port Corporation Notice 159(T)/2012 (AA637096)

Special light buoys, *Fl. Y. 3-5s*, exist in positions 12° 30'.40 S 130° 53'.16 E and 12° 31'.47 S 130° 56'.13 E.

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

59(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Apsley Strait - Light buoys off station

Former Notice - 324(T)/2011 is cancelled

NT Government, Hydrographic & Cadastral Survey Pty Ltd (AA643605 - AA643606)

The following nav aids are off station:

11° 51'.65 S 130° 35'.07 E starboard lateral light buoy, *Fl. G. 5s*
 11° 49'.87 S 130° 36'.69 E starboard lateral light buoy, *Fl. G. 5s*
 11° 48'.90 S 130° 38'.08 E starboard lateral light buoy, *Fl. G. 5s*
 11° 48'.00 S 130° 39'.06 E port lateral light buoy, *Fl. R. 5s*
 11° 46'.35 S 130° 39'.99 E port lateral light buoy, *Fl. R. 5s*
 11° 46'.01 S 130° 39'.88 E port lateral light buoy, *Fl. R. 5s*
 11° 44'.22 S 130° 37'.69 E port lateral light buoy, *Fl. R. 5s*
 11° 43'.85 S 130° 36'.08 E starboard lateral light buoy, *Fl. G. 5s*
 11° 25'.28 S 130° 24'.47 E special buoy
 11° 25'.00 S 130° 24'.00 E special buoy
 11° 24'.80 S 130° 23'.70 E special buoy
 11° 17'.05 S 130° 17'.89 E starboard lateral light buoy, *Fl. G. 5s*.

Chart temporarily affected - Aus 22 - Aus 23 - Aus 309 - Aus 722 - AX 00309T - AX 00309U - AX 00722T

518(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Middle Ground - Obstruction

Darwin Port Corporation Notice 75(T)/2013 (AA670992)

An obstruction exists within a 50m radius of position 12° 23'.75 S 130° 46'.43 E.

Mariners are advised not to anchor within the area.

Chart temporarily affected - Aus 26 - AX 00026T

520(T)/2013 AUSTRALIA - TIMOR SEA - Sahul Banks - Obstruction

Former Notice - 269(T)/2013 is cancelled

PTTEP Australasia (AA669085, AA669086)

An obstruction with least depth 109m exists in position 11° 55'.45 S 125° 00'.45 E.

Chart temporarily affected - Aus 314 - Aus 4060 (INT 60) - Aus 4603 (INT 603) - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00314U - AX 04721U - AX 04722U

777(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Sadgroves Creek - Wreck

Darwin Port Corporation Notice 121(T)/2013 (AA686405)

A stranded wreck exists in position 12° 27'.22 S 130° 51'.24 E. A special light buoy, *Fl(2)Y.8s*, exists in position 12° 27'.19 S 130° 51'.23 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 24 - Aus 26 - AX 00026T

873(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Blaydin Point - Harbour works

Former Notice - 826(T)/2013 is cancelled

Darwin Port Corporation Notice 138(T)/2013 (AA691150)

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

Scientific instruments marked by special light buoys, Q.Y, exist in the following positions:

12° 30'.00 S 130° 53'.65 E
12° 30'.38 S 130° 53'.49 E
12° 30'.28 S 130° 54'.09 E
12° 30'.49 S 130° 53'.98 E
12° 30'.19 S 130° 54'.86 E
12° 29'.75 S 130° 55'.19 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 26 - Aus 28 - AX 00026T

919(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Weed Reef to Elizabeth River - Scientific instruments

Former Notices - 410(T)/2013, 654(T)/2013 are cancelled

Darwin Port Corporation Notice 145(T)/2013 (AA692841)

Special spar light buoys, *Fl. Y. 4s*, exist in the following positions:

12° 29'.39 S 130° 48'.12 E.
12° 29'.84 S 130° 52'.40 E
12° 30'.19 S 130° 53'.85 E
12° 32'.88 S 130° 50'.75 E.

Special conical light buoys, *Fl. Y. 6s*, exist in the following positions:

12° 29'.82 S 130° 53'.10 E
12° 29'.94 S 130° 52'.46 E
12° 31'.77 S 130° 56'.14 E
12° 32'.91 S 130° 52'.51 E.

Chart temporarily affected - Aus 24 - Aus 26 - Aus 27 - Aus 28 - AX 00026T

984(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Scientific instruments

Date - Until 28 October 2013

Darwin Port Corporation Notice 162(T)/2013 (AA695250)

Scientific instruments marked by special light buoys, *Q. Y.*, exist in positions 12° 28'.11 S 130° 50'.03 E and 12° 29'.71 S 130° 50'.97 E.

Chart temporarily affected - Aus 24 - Aus 26 - Aus 28 - AX 00026T

986(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Dredging operations

Former Notice - 872(T)/2013 is cancelled

Darwin Port Corporation Notice 164(T)/2013 (AA695325)

The dredges *Eastern Aurora* and *Gungner R* and support vessel MT *Skinfaxe R* are conducting dredging operations in the vicinity of position 12° 29'.60 S 130° 53'.46 E.

A floating pipeline, marked by special buoys and lights *Q. Y.*, exists from the dredge *Eastern Aurora* to position 12° 29'.50 S 130° 53'.47 E and a submerged pipeline exists between positions 12° 29'.50 S 130° 53'.47 E and 12° 29'.39 S 130° 53'.47 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 26 - Aus 28 - AX 00026T

987(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Dredging operations; pipeline

Date - Until 28 October 2013

Darwin Port Corporation Notice 167(T)/2013 (AA695804)

The dredge *Warraber* is conducting dredging operations in Darwin Naval Base (12° 27'.66 S 130° 49'.33 E).

A submerged pipeline exists between positions 12° 27'.68 S 130° 49'.24 E and 12° 27'.77 S 130° 49'.11 E. Anchors marked by special light buoys, *Q. Y.*, exist in the following positions:

12° 27'.69 S 130° 49'.22 E
12° 27'.73 S 130° 49'.22 E
12° 27'.73 S 130° 49'.17 E
12° 27'.77 S 130° 49'.17 E
12° 27'.78 S 130° 49'.13 E
12° 27'.80 S 130° 49'.13 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 24 - Aus 26 - AX 00026T

1063(P)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Light beacons

Date - On or about 30 March 2014

Darwin Port Corporation Notice 177(T)/2013 (AA699032, AA700174)

Light beacons, marked by temporary lights and special light buoys, *Q. Y.*, will be established as follows:

<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
12° 30'.300 S 130° 54'.846 E	<i>Fl. G. 3s</i>	M21
12° 30'.245 S 130° 54'.583 E	<i>Fl. R. 3s</i>	M22
12° 30'.229 S 130° 54'.933 E	<i>Fl. G. 3s</i>	M23
12° 30'.067 S 130° 54'.880 E	<i>Fl. R. 3s</i>	M24

12° 30'.260 S 130° 55'.477 E	<i>Fl.G.3s</i>	M25
12° 30'.107 S 130° 55'.285 E	<i>Fl.R.3s</i>	M26
12° 30'.148 S 130° 55'.689 E	<i>Fl.R.3s</i>	M28
12° 30'.474 S 130° 55'.608 E	<i>Fl.G.3s</i>	M29
12° 30'.398 S 130° 55'.868 E	<i>Fl.R.3s</i>	M30
12° 30'.730 S 130° 56'.015 E	<i>Fl.R.3s</i>	M32
12° 30'.944 S 130° 55'.830 E	<i>Fl.R.3s</i>	M34

Chart which will be affected - Aus 26 - Aus 28 - AX 00026T

1110(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Wickham Point - Scientific instruments

Date - Until 30 April 2014

Darwin Port Corporation Notice 196(T)/2013 (AA704163)

Scientific instruments marked by special spar light buoys, Q.Y, exist in positions 12° 29'.20 S 130° 51'.61 E and 12° 30'.11 S 130° 52'.78 E.

Chart temporarily affected - Aus 24 - Aus 26 - Aus 27 - Aus 28 - AX 00026T

1111(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Live firing

Date - Until 8 November 2013

RAAF (AA693050)

Military exercise area R264A-F will be activated for a live firing from 4 to 7 November 2013.

Chart temporarily affected - Aus 26 - Aus 29 - Aus 309 - Aus 315 - Aus 316 - Aus 318 - Aus 722 - Aus 724 - Aus 725 - AX 00026T - AX 00309T - AX 00309U - AX 00315U - AX 00722T

1112(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Dredging operations

Date - Until 1 May 2014

Darwin Port Corporation Notice 198(T)/2013 (AA704671)

The dredge *Rotterdam* is conducting dredging operations in an area bounded by the following positions:

12° 30'.01 S 130° 53'.11 E
12° 30'.30 S 130° 53'.71 E
12° 30'.19 S 130° 54'.16 E
12° 30'.33 S 130° 54'.94 E
12° 30'.47 S 130° 54'.99 E
12° 30'.65 S 130° 54'.36 E
12° 30'.40 S 130° 53'.23 E.

The dredges *Athena*, *Queen of the Netherlands* and *Vox Maxima* are conducting dredging operations in the vicinity of Walker Shoal (12° 29'.46 S 130° 52'.39 E).

The dredge *Athena* had deployed anchors marked by lights and will toe a floating pipeline marked by flashing yellow lights. The dredges *Queen of the Netherlands* and *Vox Maxima* will connect to the pipeline to receive dredge spoil.

A 250m safety zone exists around the dredges.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 26 - Aus 28 - AX 00026T

1114(T)/2013 AUSTRALIA - TIMOR SEA - Margaret Harries Banks - Drill rig

Date - Until 24 December 2013

MODU *ENSCO 104* (AA703896), Australian Maritime Safety Authority Auscoast Warning 262/2013 (AA703901)

Drill rig *ENSCO 104* is conducting drilling operations in position 10° 09'.21 S 128° 49'.58 E.

Chart temporarily affected - Aus 311 - Aus 4721 (INT 721) - AX 00311U - AX 04721U

WESTERN AUSTRALIA

518(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Geographe Bay - Scientific instrument

Former Notice - 1260(T)/2006 is cancelled

Department for Planning and Infrastructure WA (AA400740)

A scientific instrument exists in position 33° 36'.7 S 115° 13'.7 E (WGS84 datum).

Chart temporarily affected - Aus 334 - Aus 335 - Aus 755 - Aus 756 - AX 0334E - AX 0755E

524(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Mullaloo to Warnbro Sound - Scientific instruments

Former Notice - 461(T)/2010 is cancelled

Department of Transport WA (AA465142)

Special light buoys, *Fl. Y. 5s*, exist in positions:

31° 45'.85 S 115° 43'.29 E
31° 47'.37 S 115° 42'.39 E
31° 47'.89 S 115° 41'.75 E
31° 52'.11 S 115° 42'.81 E
31° 52'.52 S 115° 43'.46 E
31° 53'.14 S 115° 43'.78 E
31° 53'.58 S 115° 44'.25 E
31° 53'.88 S 115° 44'.90 E
31° 55'.73 S 115° 44'.85 E
31° 56'.33 S 115° 44'.84 E
31° 58'.67 S 115° 44'.79 E
31° 59'.26 S 115° 44'.65 E
31° 59'.76 S 115° 44'.59 E
32° 01'.39 S 115° 43'.78 E
32° 01'.58 S 115° 44'.62 E
32° 01'.45 S 115° 34'.29 E
32° 04'.79 S 115° 37'.42 E
32° 05'.69 S 115° 37'.54 E
32° 08'.65 S 115° 38'.57 E
32° 20'.97 S 115° 44'.00 E.

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 112 - Aus 116 - Aus 117 - Aus 334 - Aus 754 - Aus 755 - AX 0334E - AX 0754E - AX 0755E - AX 63112 - AX 66002 - AX 70117

629(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Scientific instruments northwestwards

Former Notice - 523(T)/2004 is cancelled

MetOcean Engineers (AA472066)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
19° 36'.38 S 116° 07'.53 E	lit buoy, <i>Fl(5)Y.20s</i>
19° 36'.51 S 116° 07'.63 E	5 poly floats

Chart temporarily affected - Aus 327

278(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Comet Bay - Scientific instrument

Date - Until 31 August 2012

CSIRO (AA520991, AA520995)

A subsurface scientific instrument exists in position 32° 23'.97 S 115° 44'.10 E.

Chart temporarily affected - Aus 755 - AX 0755E - AX 66002

776(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline infrastructure

Former Notice - 718(T)/2011 is cancelled

Date - Until 10 December 2011

Department of Transport WA Notice 93/2011 (AA546427)

Works associated with pipeline infrastructure installation are in progress. An exclusion zone marked by special light buoys, Q.Y, exists within an area bounded by the following positions (WGS84 datum):

20° 41'.40 S 115° 23'.71 E
20° 41'.79 S 115° 24'.68 E
20° 41'.00 S 115° 25'.03 E
20° 40'.55 S 115° 24'.08 E.

MV *Carlisle* will monitor VHF Ch 16 and all vessels involved in the operations will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 742

127(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Obstructions

Former Notice - 911(T)/2009 is cancelled

Dampier Port Authority Notice 1/2012 (AA578115)

Obstructions marked by special light buoys, Q, exist in the following positions:

20° 31'.47 S 116° 45'.16 E
20° 31'.96 S 116° 44'.57 E
20° 32'.49 S 116° 44'.51 E
20° 32'.79 S 116° 44'.51 E.

Chart temporarily affected - Aus 57 - Aus 58

260(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline

Former Notice - 209(T)/2012 is cancelled

Date - Until 30 June 2013

Chevron Australia Pty Ltd (AA585081, AA585082, AA587422), Australian Maritime Safety Authority (AA584979)

SPV *Lorelay* and support vessels *Highland Navigator* and *Calamity Jane* are conducting pipe laying operations between the following positions:

20° 41'.45 S 115° 24'.94 E
20° 33'.59 S 115° 05'.86 E
20° 08'.98 S 114° 49'.43 E
20° 02'.34 S 114° 46'.95 E
19° 54'.34 S 114° 39'.60 E
19° 48'.54 S 114° 36'.47 E
and
19° 49'.54 S 114° 34'.21 E
19° 47'.45 S 114° 38'.63 E
and
20° 34'.92 S 115° 08'.99 E
20° 33'.97 S 115° 04'.62 E
20° 29'.25 S 114° 53'.86 E
20° 24'.56 S 114° 50'.87 E
20° 31'.33 S 114° 49'.35 E
20° 29'.25 S 114° 53'.86 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 742

418(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Depth information

Former Notice - 337(T)/2010 is cancelled

Esperance Ports Sea and Land Notice 3/2012 (AA593980)

Esperance Ports Sea and Land Notice 3/2012 (AA593980)

Available depths as of 11 April 2012:

<i>Location</i>	<i>Metres</i>
* Berth No 1	13.0
* Berth No 2	13.0
* Berth No 3	17.6
Swing Basin	12.9/14.5
Entrance Channel	18.5

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 119

472(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Passage Islands - Obstructions

Date - Until 15 May 2013

Department of Transport WA Notice 53/2012 (AA597010)

Obstructions exist in the following positions:

21° 11'.28 S 115° 47'.70 E

21° 07'.76 S 115° 50'.10 E

21° 06'.01 S 115° 46'.93 E

21° 08'.15 S 115° 43'.83 E.

Chart temporarily affected - Aus 743

474(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Koombana Bay - Scientific Instrument

Date - Until 30 January 2014

Department of Transport WA Notice 46/2012 (AA596083)

Scientific instrument marked by a spherical special buoy exist in position, 33° 19'.17 S 115° 39'.05 E.

Chart temporarily affected - Aus 115

661(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - King Bay - Light beacon damaged

Former Notice - 521(T)/2012 is cancelled

Dampier Port Authority Notice 12/2012 (AA606820)

The No3 light beacon (20° 37'.75 S 116° 44'.29 E) has been damaged; a temporary light, *Fl(2)G.5s*, exists on the beacon and a light buoy, *Fl.5s*, exists in situ.

Chart temporarily affected - Aus 59

713(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instrument northeastwards

Former Notice - 943(T)/2011 is cancelled

MetOcean Engineers (AA609181)

A subsurface scientific instrument exists in position 19° 34'.47 S 116° 09'.53 E.

Chart temporarily affected - Aus 327

1053(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Seringapatam Reef - Scientific instrument

Date - Until 7 October 2013

Fugro Survey Pty Ltd (AA630323 - AA630325)

A special light buoy, *Fl(5)Y.20s*, exists in position 13° 43'.39 S 122° 15'.83 E.

Chart temporarily affected - Aus 322 - AX 00322U

1057(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information

Former Notice - 438(T)/2011 is cancelled

Fremantle Ports Notice 8(T)/2012 (AA630746)

Available depths as at 17 October 2012:

<i>Berth</i>	<i>Metres</i>
No 1	11.0
No 2	11.0
No 4	14.6
No 5	14.6
No 6	14.6
* No 7	14.5
* No 8	14.5
* No 9	14.5
* No 10	14.5
* No 11	10.4
* No 12	10.6

C	10.4
* D	10.4
* E	10.1
* F	10.0
* G	10.2
* H	10.1

* Indicates revised entry.

Maximum draft of vessels using inner harbour berths must be obtained by contacting the Harbour Master's office.

Chart temporarily affected - Aus 113

1105(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Swan River - Light beacon

Date - Until 31 October 2014

Department of Transport WA (AA631861, AA831862)

A special light beacon, *Fl. Y. 4s*, exists in position 32° 00'.21 S 115° 49'.67 E.

Chart temporarily affected - Aus 112 - AX 63112

1107(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Flinders Bay - Harbour works

Date - Until 31 August 2013

Department of Transport WA Notice 98/2012 (AA630905)

Harbour works associated with the development of a boat harbour are in progress.

An exclusion zone marked by special buoys exists in an area with radius 0.54M from point 34° 21'.20 S 115° 10'.01 E.

Special light buoys, *Q. Y*, exist in positions 34° 21'.00 S 115° 10'.30 E and 34° 21'.46 S 115° 10'.13 E.

Chart temporarily affected - Aus 116

1108(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Albany - Harbour works

Date - Until 15 January 2013

Department of Transport WA Notice 103/2012 (AA634951)

Harbour works associated with the construction of a jetty are in progress in the vicinity of position 35° 01'.82 S 117° 53'.22 E.

The area will be marked by special light buoys. All vessels involved in the works will display appropriate lights and shapes and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 109

1160(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Scientific instruments

Date - Until 30 November 2013

Fremantle Ports Notice 12/2012 (AA637140)

Special light beacons, *Fl. Y. 4s*, exist in positions 32° 12'.90 S 115° 45'.04 E and 32° 14'.41 S 115° 43'.30 E.

Subsurface scientific instruments exist on the seabed in positions 32° 10'.84 S 115° 43'.57 E and 32° 12'.09 S 115° 45'.74 E.

Chart temporarily affected - Aus 111 - Aus 114 - Aus 117 - AX 00117T

1216(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Broome - Scientific instrument

Former Notice - 1337(T)/2011 is cancelled

Date - Until 30 January 2014

Broome Port Authority (AA640508)

A scientific instrument marked by a special light buoy, *Fl. Y. 3s*, exists in position 18° 00'.06 S 122° 12'.93 E.

Chart temporarily affected - Aus 50 - Aus 51

64(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Light buoys northwestwards

Date - Until 28 February 2013
Delmar Systems Inc (AA645444 - AA645445)

Light buoys, *Fl.5s*, exist in the following positions:

13° 48'.81 S 123° 19'.73 E
13° 48'.98 S 123° 19'.30 E
13° 49'.05 S 123° 19'.89 E
13° 49'.28 S 123° 19'.43 E.

Chart temporarily affected - Aus 319 - Aus 320 - AX 00319U

116(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Ashburton Road to Moeresby Shoals - Scientific instruments

Date - Until 31 January 2014
Department of Transport WA Notice 10/2013 (AA645987)

Light buoys, *Fl(6)Y.20s*, exist in the following positions:

21° 27'.92 S 115° 10'.19 E
21° 29'.91 S 115° 06'.16 E
21° 34'.01 S 115° 01'.10 E
21° 36'.17 S 115° 08'.97 E
21° 36'.31 S 115° 04'.62 E
21° 36'.45 S 115° 04'.01 E
21° 36'.86 S 115° 04'.49 E
21° 40'.02 S 115° 00'.63 E.

Chart temporarily affected - Aus 64 - Aus 328 - Aus 743

228(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Leschenault Estuary - Shoaling

Former Notice - 1058(T)/2012 is cancelled
Department of Transport WA (AA653972)

Shoaling exists inside the northern groyne of The Cut entrance channel (33° 18'.2 S 115° 40'.3 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 115

271(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Obstruction

Dampier Port Authority Notice 9/2013 (AA655652)

An obstruction exists in position 20° 38'.8 S 116° 32'.2 E.

Chart temporarily affected - Aus 57 - Aus 741 - Aus 742

314(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands northwestwards - Seabed infrastructure

Apache Energy Ltd (AA658361)

An exclusion zone exists for the installation of seabed infrastructure within a 1000m radius of position 20° 03'.52 S 115° 11'.52 E.

Chart temporarily affected - Aus 328

316(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Perth - Scientific instruments westwards

Former Notice - 1220(T)/2012 is cancelled
CSIRO (AA661219)

Subsurface scientific instruments, suspended 20m below the surface, exist in positions:

31° 37'.60 S 115° 14'.75 E
31° 38'.80 S 115° 11'.75 E
31° 41'.60 S 115° 07'.00 E
31° 43'.16 S 115° 01'.80 E
31° 46'.23 S 114° 56'.60 E
31° 59'.00 S 115° 14'.00 E
32° 03'.20 S 115° 04'.96 E
32° 00'.00 S 115° 25'.00 E
32° 00'.00 S 115° 24'.16 E.

Chart temporarily affected - Aus 334 - Aus 754 - AX 00334S - AX 00754S - AXA 0754S

358(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards
MODU *Atwood Falcon* (AA664209), Australian Maritime Safety Authority Auscoast Warning 100/2013 (AA664332)

Drill rig *Atwood Falcon* is conducting drilling operations in position 20° 04'.23 S 115° 11'.03 E.

Chart temporarily affected - Aus 328 - Aus 4723 (INT 723) - AX 04723U

422(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument
Former Notice - 68(T)/2013 is cancelled
Date - Until 31 January 2014
Department of Transport WA Notice 133/2012 (AA642224)

A special light buoy, *Fl(5)Y.20s*, exists in position 20° 49'.47 S 115° 30'.85 E.

Chart temporarily affected - Aus 62 - Aus 66

424(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments
Former Notice - 360(T)/2012 is cancelled
Chevron Australia Pty Ltd (AA590476)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 20° 48'.3 S 115° 28'.9 E and 20° 49'.4 S 115° 30'.6 E.

Chart temporarily affected - Aus 62 - Aus 66 - Aus 742 - Aus 743

425(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Anchorage
Former Notice - 175(T)/2013 is cancelled
Department of Transport WA Notice 111/2011 (AA649470)

An anchorage exists in an area bounded by the following positions:

20° 41'.93 S 115° 29'.52 E
20° 41'.93 S 115° 30'.09 E
20° 42'.47 S 115° 30'.09 E
20° 42'.47 S 115° 29'.80 E
20° 42'.20 S 115° 29'.80 E
20° 42'.20 S 115° 29'.51 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 62 - Aus 67 - Aus 742

428(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island to Ashburton Road - Dredging operations; exclusion zones
Date - Until 31 March 2016
Department of Transport WA Notices 57/2013, 58/2013, Chevron (AA666513, AA666514), Dampier Port Authority Notice 8/2013 (AA666508)

The dredges *Ambiorix*, *Brabo* and *Breydel* are conducting dredging operations in an area, marked by light buoys *Fl.Y.6s*, bounded by the following positions:

21° 40'.44 S 114° 58'.81 E
21° 39'.36 S 114° 58'.81 E
21° 33'.43 S 114° 58'.07 E
21° 30'.54 S 115° 02'.14 E
21° 30'.95 S 115° 03'.96 E
21° 39'.40 S 115° 01'.77 E
21° 41'.14 S 115° 01'.77 E.

A floating pipeline exists between the dredges. Spoil will be deposited in a restricted area, marked by light buoys *Fl.Y.6s*, bounded by the following positions:

21° 26'.68 S 115° 05'.50 E
21° 26'.74 S 115° 10'.85 E
21° 31'.04 S 115° 10'.83 E
21° 30'.98 S 115° 05'.42 E.

All vessels will monitor VHF Ch 14 and Ch 16.

An exclusion zone marked by special light buoys, *Fl. Y. 6s*, exists in an area bounded by the following positions:

21° 40'.44 S 114° 58'.81 E
21° 39'.36 S 114° 58'.81 E
21° 39'.40 S 115° 01'.77 E
21° 41'.14 S 115° 01'.77 E.

Mariners are advised to navigate with caution in the area and are to contact Ashburton Marine on VHF Ch 14 when entering the area of dredging operations.

Chart temporarily affected - Aus 64 - Aus 743

433(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Depth information

Former Notice - 946(T)/2008 is cancelled

Geraldton Port Authority (AA666328, AA666329)

Available depths as at 31 January 2013:

<i>Berth</i>	<i>Metres</i>
* No 1	9.1
* No 2	9.7
* No 3	12.9
* No 4	12.8
* No 5	13.3
* No 6	12.4
* No 7	13.1
<i>Channel</i>	
Harbour Basin	12.4
* Inside western breakwater beacon 20 to 22	12.6
Beacon 20	13.1
* Beacon 16 to 20	13.2
* Beacon 4 to 14	13.8
* Beacon 2	14.1
* North Channel over Reef	9.1 in channel
* Indicates new or revised entry	

Chart temporarily affected - Aus 81

435(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Light beacon northeastwards

Date - Until 10 April 2014

Fremantle Ports Notice 1(P)/2013 (AA666502)

A special light beacon, *Fl. Y. 4s*, exists in position 32° 08'.10 S 115° 40'.65 E.

Chart temporarily affected - Aus 117 - Aus 754 - AX 00117T - AX 00754S - AXA 0754S

478(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Lights

Date - On or about 3 May 2013

Port Hedland Port Authority, BHP Billiton (AA669057)

Leading lights have been altered/established as follows:

<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
20° 18'.69 S 118° 34'.04 E	F.R.15m	Mazda rear moved
20° 18'.95 S 118° 34'.04 E	F.R.40m	Utah rear common with new Shelf rear and Airey front
20° 19'.01 S 118° 34'.15 E	F.R.18m	Utah front moved; bearing 297.8°
20° 19'.02 S 118° 34'.15 E	F.R.18m	Shelf front new light; bearing 302°
20° 19'.04 S 118° 33'.96 E	F.R.44m	Leslie rear new light common with Airey rear
20° 19'.06 S 118° 34'.04 E	F.R.37m	Leslie front new light; bearing 287.7°
20° 20'.00 S 118° 35'.38 E	F.R.15m	Smith Point rear moved
20° 19'.95 S 118° 35'.35 E	F.R.11m	Smith Point front moved.

Leading lights in positions 20° 19'.15 S 118° 33'.83 E and 20° 19'.16 S 118° 33'.93 E have been discontinued.

A new edition of Aus 54 is in production.

Chart which will be affected - Aus 54

486(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Gregory - Shoaling
Department of Transport WA Notice 66/2012 (AA668957)

Shoaling, with a least depth of *0.1m*, exists adjacent to the jetty (28° 11'.44 S 114° 14'.95 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 84

523(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Harbour works

Former Notice - 421(T)/2013 is cancelled

Date - Until 31 March 2014

Department of Transport WA Notices 129/2012, 14/2013 (AA644896, AA671110)

Works associated with the construction of a jetty are in progress at Town Point. An exclusion zone exists in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
20° 47'.48 S 115° 28'.07 E	
20° 47'.48 S 115° 29'.04 E	
20° 48'.40 S 115° 30'.55 E	special conical light buoy, Q.Y
20° 50'.19 S 115° 30'.53 E	special conical light buoy, Q.Y
20° 50'.17 S 115° 28'.82 E	special conical light buoy, Q.Y
20° 48'.95 S 115° 28'.84 E	special conical light buoy, Q.Y
20° 47'.52 S 115° 28'.56 E.	

The infrastructure associated with the works is marked by lights, Fl.3s.

Barges and support vessels will monitor VHF Ch 10 and Ch 73 and display appropriate lights and shapes.

Chart temporarily affected - Aus 62 - Aus 66 - Aus 327 - Aus 328 - Aus 742 - Aus 743

527(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Pipeline northwards

Date - Until 1 August 2013

Apache Energy Ltd (AA629433, AA671444 - AA671446)

OSCV *Boa Sub C* is conducting pipe laying operations between the following positions:

21° 20'.21 S 114° 04'.93 E
21° 20'.95 S 114° 04'.39 E
21° 23'.21 S 114° 04'.60 E.

A 500m exclusion zone exists around the vessel.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744

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

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

609(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Lights established

Date - On or about 17 June 2013

Port Hedland Port Authority (AA678191)

Leading lights, *F.Bu*, have been established in positions 20° 20'.27 S 118° 33'.67 E and 20° 20'.23 S 118° 33'.70 E bearing 216° 4°.

Clearing line leads, *F.R*, have been established in positions 20° 20'.29 S 118° 33'.70 E and 20° 20'.25 S 118° 33'.74 E.

A front clearing line lead, *F.G*, has been established in position 20° 20'.20 S 118° 33'.67 E. A rear clearing line lead, *F.G*, will be established in position 20° 20'.25 S 118° 33'.64 E in due course.

The light beacons have triangular daymarks; front apex up and rear apex down.

Light beacons will be incorporated in new edition Aus 54 to be published shortly.

Chart which will be affected - Aus 54

613(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands to Barrow Island - Lit mooring buoys

Former Notice - 418(T)/2013 is cancelled

Date - Until 30 June 2014

Department of Transport WA Notice 80/2013 (AA622588), Chevron Australia Pty Ltd (AA677845, AA677846)

Lit yellow mooring buoys, *Fl.Y.10s*, exist in positions:

20° 30'.48 S 115° 33'.86 E

20° 43'.96 S 115° 29'.31 E

20° 47'.30 S 115° 30'.30 E

20° 47'.66 S 115° 29'.24 E

20° 49'.85 S 115° 30'.40 E

20° 51'.56 S 115° 29'.54 E

20° 51'.62 S 115° 31'.96 E

20° 54'.09 S 115° 27'.74 E

20° 57'.75 S 115° 28'.07 E

21° 05'.94 S 115° 30'.83 E.

Chart temporarily affected - Aus 61 - Aus 62 - Aus 63 - Aus 66 - Aus 67 - Aus 742 - Aus 743

615(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Serrurier Island - Mooring buoy off station northwards

BHP Billiton Petroleum Pty Ltd (AA677207)

The lit riser turret mooring buoy, *Mo(U)15s*, is off station and an obstruction with least depth 35m exists in position 21° 13'.31 S 114° 38'.74 E.

Chart temporarily affected - Aus 328 - Aus 744 - Aus 4060 (INT 60) - Aus 4070 (INT 70) - Aus 4708 (INT 708) - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04708U - AX 04723U

656(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards

Former Notice - 1288(T)/2012 is cancelled

Date - Until 30 September 2013

MODU Jack Bates (AA680156), Australian Maritime Safety Authority Auscoast Warning 174/2013 (AA680007)

Drill rig *Jack Bates* is conducting drilling operations in position 13° 24'.59 S 122° 59'.02 E.

Chart temporarily affected - Aus 319 - Aus 322 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00319U - AX 00322U - AX 04721U - AX 04722U

657(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Mermaid Sound - Scientific instruments

Date - Until 31 October 2013

MetOcean Engineers (AA679768)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
20° 33'.25 S 116° 43'.10 E	<i>Fl(5)Y.20s</i>
20° 33'.23 S 116° 43'.15 E	5 poly floats.

Chart temporarily affected - Aus 58 - Aus 59

658(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Scientific instruments northwestwards

Date - Until 31 October 2013

MetOcean Engineers (AA679768)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
19° 36'.49 S 116° 06'.68 E	<i>Fl(5)Y.20s</i>
19° 36'.65 S 116° 06'.49 E	10 vinny floats.

Chart temporarily affected - Aus 327

661(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Light altered

Date - Until 16 September 2013

Australian Maritime Safety Authority Temporary ATH 14/2013 (AA679583)

The light (21° 48'.37 S 114° 09'.61 E) has been temporarily altered to *Fl.10s 129m 21M*

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744 - Aus 745 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04723U

784(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instrument southwards

Date - Until 1 November 2013

Department of Transport WA Notice 104/2013 (AA686394)

A special pillar light buoy, *Q(5)Y.20s*, exists in position 21° 31'.81 S 115° 01'.74 E.

Chart temporarily affected - Aus 64 - Aus 743

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 (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

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

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

922(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards

Date - Until 30 August 2015

MODU *Noble Clyde Boudreaux* (AA693287), Australian Maritime Safety Authority Auscoast Warning 214/2013 (AA693323)

Drill rig *Noble Clyde Boudreaux* is conducting drilling operations in position 13° 49'.01 S 123° 19'.60 E.

Chart temporarily affected - Aus 319 - Aus 320 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00319U - AX 04721U - AX 04722U

929(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Penguin Shoal - Drill rig northwestwards

Date - Until 4 December 2013

MODU *ENSCO 109* (AA693285), PTTEP Australasia Pty Ltd (AA693302)

Drill rig *ENSCO 109* is conducting drilling operations in position 12° 40'.34 S 124° 32'.36 E.

Chart temporarily affected - Aus 314 - Aus 319 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00314U - AX 00319U - AX 04721U - AX 04722U

930(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Bed levelling

Former Notice - 782(T)/2013 is cancelled

Date - Until 30 September 2013

Port Hedland Port Authority Notice 12/2013 (AA686285, AA692948, AA693160)

The MV *Reliance* is conducting bed levelling operations in the inner harbour, swing basin, berth pockets and the main shipping channel.

Information about the operations can be obtained on VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 52 - Aus 53 - Aus 54

931(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instruments

Date - Until 15 October 2013

EGS Survey Pty Ltd (AA693283)

Subsurface scientific instruments exist in positions 20° 22'.5 S 117° 27'.1 E and 20° 28'.5 S 117° 16'.6 E.

Chart temporarily affected - Aus 55 - Aus 326 - Aus 327 - Aus 740 - Aus 741

932(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drill rig eastwards

Date - Until 24 November 2013

MODU *Atwood Eagle* (AA692249), Australian Maritime Safety Authority Auscoast Warning 212/2013 (AA692269)

Drill rig *Atwood Eagle* is conducting drilling operations in position 19° 42'.41 S 115° 52'.53 E.

Chart temporarily affected - Aus 327 - Aus 4723 (INT 723) - AX 04723U

1031(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards

Former Notice - 781(T)/2013 is cancelled

Date - Until 30 June 2014

MODU *Deepwater Frontier* (AA699516), Australian Maritime Safety Authority Auscoast Warning 234/2013 (AA699517)

Drill rig *Deepwater Frontier* is conducting drilling operations in position 19° 49'.91 S 114° 34'.12 E.

Chart temporarily affected - Aus 328 - Aus 4723 (INT 723) - AX 04723U

1032(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwards

Former Notice - 570(T)/2013 is cancelled

Date - Until 26 October 2013

MODU *Nan Hai 6* (AA698665, AA698666), Australian Maritime Safety Authority Auscoast Warning 230/2013 (AA698669)

Drill rig *Nan Hai 6* is conducting drilling operations in position 21° 31'.2 S 114° 05'.1 E.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744

1033(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seringapatam Reef - Drill rig northeastwards

Former Notice - 353(T)/2013 is cancelled

Australian Maritime Safety Authority Auscoast Warning 236/2013 (AA699529)

Drill rig *Transocean Legend* is conducting drilling operations in position 13° 19'.00 S 122° 16'.45 E.

Chart temporarily affected - Aus 322 - Aus 4722 (INT 722) - AX 00322U - AX 04722U

1034(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - West Reef to Fly Island - Scientific instruments

Former Notice - 524(T)/2013 is cancelled

Date - Until 29 February 2016

Department of Transport WA Notice 142/2013 (AA700043)

Scientific instruments marked by special spar light buoys, *Fl. Y. 6s*, exist in the following positions:

21° 19'.66 S 115° 23'.45 E

21° 19'.66 S 115° 09'.50 E

21° 27'.04 S 115° 02'.00 E

21° 28'.93 S 115° 01'.54 E

21° 30'.02 S 114° 50'.23 E

21° 30'.16 S 114° 55'.44 E

21° 31'.73 S 114° 46'.25 E

21° 33'.78 S 115° 00'.48 E

21° 33'.85 S 115° 00'.45 E

21° 34'.69 S 114° 54'.30 E

21° 35'.20 S 114° 56'.38 E

21° 35'.17 S 114° 56'.40 E
21° 37'.84 S 114° 41'.51 E
21° 37'.88 S 114° 41'.49 E
21° 43'.17 S 114° 46'.17 E.

Chart temporarily affected - Aus 64 - Aus 743 - Aus 744

1064(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards

Date - Until 9 December 2013

Chevron Australia Pty Ltd (AA701490), Australian Maritime Safety Authority Auscoast Warning 244/2013 (AA701786)

Drill rig *Atwood Osprey* is conducting drilling operations in position 20° 24'.49 S 114° 50'.96 E.

Chart temporarily affected - Aus 328 - Aus 4723 (INT 723) - AX 04723U

1066(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Depth information

Former Notice - 1029(T)/2013 is cancelled

Dampier Port Authority Notices 32/2013, 33/2013, 35/2013 (AA699565, AA699566, AA701917)

Available depths as at 14 October 2013:

	<i>Metres</i>	<i>Remarks</i>
East Intercourse Island	19.1	
East Intercourse Island Layby berth	19.4	
East Intercourse Island Departure Channel	15.5	
Rio Tinto Deep Water Channel	15.0	
Parker Point berth 2	18.7	
Parker Point berth 3	18.8	
Parker Point berth 4	19.5	
Parker Point berth 5	19.1	
Parker Point Departure Channel	15.0	
Parker Point Approach Channel	8.0	
Fuel Wharf	11.4	
Service Wharf	6.7	
Mermaid Marine Supply Base Outer Channel	5.4	
Mermaid Marine Supply Base Inner Channel	3.0	
Berthing pocket	7.2	
* Burrup Materials Facility	7.0	
Dampier Cargo Wharf	9.0	Western side
	6.5	Eastern side
Bulk Liquids Berth	12.4	
Facilities Channel	11.0	
* Indicates new or revised entry.		

Chart temporarily affected - Aus 58 - Aus 59 - Aus 60

1067(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Scientific instruments

Date - Until 30 June 2014

University of Western Australia (AA701907, AA701908)

Subsurface scientific instruments, 20m below the surface, exist in the following positions:

18° 45'.0 S 117° 01'.8 E
19° 31'.2 S 117° 03'.0 E
19° 04'.8 S 116° 36'.0 E
19° 03'.0 S 117° 03'.6 E
19° 33'.0 S 116° 36'.0 E.

Chart temporarily affected - Aus 327 - Aus 741

1068(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Depth information

Former Notice - 875(T)/2013 is cancelled

Port Hedland Port Authority Notice 13/2013 (AA701792)

Available depths as at 11 October 2013:

<i>Berth</i>	<i>Metres</i>
PHPA berth 1	13.2
PHPA berth 2	13.2
* PHPA berth 3	13.5

* PHPA berth 4 (Utah Point)	14.7
* BHP Billiton Nelson Point berth A	19.2
* BHP Billiton Nelson Point berth B	19.0
BHP Billiton Nelson Point berth C	19.1
* BHP Billiton Nelson Point berth D	19.0
BHP Billiton Finucane Island berth A	19.2
* BHP Billiton Finucane Island berth B	19.3
* BHP Billiton Finucane Island berth C	18.5
* BHP Billiton Finucane Island berth D	19.3
* Anderson Point berth 1	19.9
* Anderson Point berth 2	19.7
* Anderson Point berth 3	19.8
* Anderson Point berth 4	19.7
* Indicates new or revised entry.	

Chart temporarily affected - Aus 52 - Aus 54

1115(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Woodside Channel - Nav aids Dampier Port Authority 37/2013 (AA703702)

Nav aids will be altered as follows:

	<i>Position</i>	<i>New Characteristic</i>
Woodside Channel Beacon	20° 26'.11 S 116° 43'.77 E	<i>Fl.R.3s</i>
W6	20° 30'.81 S 116° 43'.58 E	<i>Fl.R.3s</i>
No7	20° 32'.10 S 116° 43'.36 E	<i>Fl.R.3s</i>
No10	20° 33'.26 S 116° 43'.79 E	<i>Fl.R.3s</i>
No12	20° 34'.21 S 116° 44'.91 E	<i>Fl.R.3s</i>
No12A	20° 34'.32 S 116° 44'.81 E	<i>Fl.G.3s</i>
No14	20° 34'.80 S 116° 45'.67 E	<i>Fl.Y.3s</i>
No14A	20° 34'.88 S 116° 45'.42 E	<i>Fl.G.3s</i>
No15A	20° 35'.08 S 116° 45'.45 E	<i>Fl.G.3s</i>

Chart which will be affected - Aus 57 - Aus 58 - Aus 59

1117(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Light buoys northwestwards

Date - Until 1 March 2014
Viking Seatech (AA704614)

Eight yellow mooring buoys, *Fl.Y.5s*, exist within a 1M radius of position 19° 54'.35 S 115° 16'.12 E.

Chart temporarily affected - Aus 328

1118(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Wells and pipelines northwards

Date - Until 26 December 2013
SapuraClough Offshore (AA703831)

Vessels *Stellaprima* and *SapuraKencana Constructor* are conducting works, which include the installation of subsea structures and flowlines, in an area bounded by the following positions:

21° 33'.0 S 114° 04'.5 E
21° 33'.0 S 114° 10'.0 E
21° 30'.0 S 114° 10'.0 E
21° 30'.0 S 114° 04'.5 E.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744

1119(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Seringapatam Reef - Seismic survey eastwards

Date - Until 7 January 2014
CGG (AA704532)

MV *Geo Caspian*, with a 9000m towed array, and support vessels *Pacific Parrot* and *Browse Invincible* are conducting a survey in the area bounded by the following positions:

14° 03'.5 S 123° 31'.7 E
12° 46'.3 S 123° 31'.8 E
12° 46'.4 S 124° 03'.4 E
14° 03'.5 S 124° 03'.4 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

SOUTH AUSTRALIA

720(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Shoaling

Former Notice - 240(T)/2006 is cancelled

Department for Transport, Energy and Infrastructure Notice 38/2007 (AA346443)

Silting has resulted in width restrictions being imposed in the main channel of the Port Adelaide River between No 40 beacon (34° 47'.86 S 138° 30'.79 E) and No 41 beacon (34° 48'.52 S 138° 30'.77 E).

Mariners should avoid the western side of the main channel and navigate with caution in this part of the River as the available navigable channel is now only 90 metres wide measured from the eastern edge.

Mariners intending to transit this section should contact the Manager Marine Operations, Flinders Ports Pty Ltd on (08) 8447 0622 to confirm maximum widths.

Chart temporarily affected - Aus 137

1344(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Gulf St Vincent - Obstruction

Former Notice - 534(T)/2011 is cancelled

Fugro LADS Corporation (AA534581)

An obstruction is reported to exist in position 34° 42'.37 S 138 15'.94 E.

Chart temporarily affected - Aus 781

71(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Wallaroo - Depth information

Former Notice - 176(T)/2009 is cancelled

Department for Transport, Energy and Infrastructure SA Notice 38/2010 (AA515239, AA515240)

Available depths as at 24 August 2010:

	<i>Metres</i>	<i>Remarks</i>
* No 1 South Berth	8.7	Berth pocket is 313m x 36m and is 84m in from outer edge of wharf.
* No 2 North Berth	8.7	Berth pocket is 246m x 36m and is 20m in from outer edge of wharf.
* Indicates new or revised entry.		

Chart temporarily affected - Aus 133

73(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Great Australian Bight - Ceduna Terrace - Scientific instruments

Date - Until 31 December 2013

MetOcean Engineers (AA643598)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 34° 28'.49 S 130° 45'.35 E and 34° 28'.37 S 130° 48'.61 E.

Chart temporarily affected - Aus 4727 (INT 727)

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

934(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Dredging operations

Former Notice - 617(T)/2013 is cancelled

Date - Until 31 December 2013

Department of Planning, Transport and Infrastructure SA Notice 16/2013 (AA677149, AA692948)

Dredging operations are in progress in the vicinity of position 34° 46'.48 S 138° 29'.04 E.

A dredge and support vessels are on site and will display appropriate lights and shapes.

A floating pipeline exists between berth No4 (34° 46'.48 S 138° 29'.04 E) and berth No8 (34° 45'.99 S 138° 29'.60 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 137

1120(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Penneshaw - Dredging operations

Date - Until 12 December 2013

Department of Planning, Transport and Infrastructure SA Notice 29/2013 (AA704001)

Dredging operations are in progress in the vicinity of position 35° 43'.01 S 137° 56'.61 E between 2100 and 0900.

A floating pipeline exists between 35° 43'.01 S 137° 56'.61 E and 35° 43'.28 S 137° 56'.79 E. During the day the pipeline will be lowered to the seabed.

The dredge will display appropriate lights and shapes and will monitor VHF Ch 13, Ch 16 and Ch 82.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 125

1121(P)/2013 AUSTRALIA - SOUTH AUSTRALIA - Spilsby Island - Shoal depths

LADS Flight (DHDB 42759)

Shoal depths have been reported to exist as follows:

<i>Depth</i>	<i>Position</i>
1.2m	34° 42'.08 S 136° 21.34 E
4.8m	34° 42'.04 S 136° 22.04 E.

Chart which will be affected - Aus 343 - Aus 485 - Aus 776 - AX 00343S - AX 00776S

VICTORIA

796(T)/2007 AUSTRALIA - VICTORIA - Port Phillip - South channel - Obstruction

Victorian Notice 103(T)/2007 (AA282029)

An obstruction marked by 3 special light buoys, *Fl.Y.3s*, exists in position 38° 18'. 36 S 144° 46'. 47 E
Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 158

514(T)/2008 AUSTRALIA - VICTORIA - Western Port - Phillip Island - Shoaling northwards

Victorian Notice 64(T)/2008 (AA333884)

Shoaling, least depth *13.4 metres*, exists at position 38° 25'.53 S 145° 13'.90 E extending 100 metres into the shipping channel .

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 150 - Aus 151

942(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Depth information

Former Notice - 465(T)/2009 is cancelled

Victorian Notice 31(T)/2005, 104(T)/2005 (AA131863, AA203894), Victorian Regional Channels Authority (AA490300, AA490301)

Available depths as at 19 August 2010:

<i>Berth</i>	<i>Metres</i>
Bulk Grain Pier 1	9.0
Bulk Grain Pier 2	11.0
Point Wilson Jetty North	8.6
Point Henry Pier Alcoa	11.6

*Indicates new or revised entry.

Chart temporarily affected - Aus 153 - Aus 157

1291(T)/2010 AUSTRALIA - VICTORIA - Ninety Mile Beach - Obstructions

Former Notice - 458(T)/2007 is cancelled

Victorian Notice 51(T)/2007 (AA242065)

Suspended well heads exists within a 300m radius of position 38° 37'.65 S 146° 53'.75 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357

723(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Great Ship Channel - Shoaling

Victorian Notice 89(T)/2011 (AA543561)

Shoaling, with a least depth of *16.7m*, exists in position 38° 18'.04 S 144° 37'.69 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 144 - Aus 158

1346(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Exclusion zones

Victorian Notice 146(T)/2011 (AA571787)

As a result of shoaling, exclusion zones exists in the areas bounded by the following positions:

38° 17'.50 S 144° 39'.08 E

38° 17'.50 S 144° 39'.45 E

38° 17'.56 S 144° 39'.45 E

38° 17'.55 S 144° 39'.08 E,

and

38° 17'.65 S 144° 41'.13 E

38° 17'.88 S 144° 42'.27 E
 38° 17'.90 S 144° 42'.27 E
 38° 17'.67 S 144° 41'.13 E,
 and
 38° 17'.99 S 144° 42'.65 E
 38° 18'.01 S 144° 42'.72 E
 38° 18'.02 S 144° 42'.72 E
 38° 18'.00 S 144° 42'.65 E,
 and
 38° 17'.80 S 144° 42'.85 E
 38° 18'.14 S 144° 44'.52 E
 38° 18'.17 S 144° 44'.51 E
 38° 17'.83 S 144° 42'.84 E,
 and
 38° 18'.18 S 144° 45'.07 E
 38° 18'.37 S 144° 46'.35 E
 38° 18'.38 S 144° 46'.35 E
 38° 18'.19 S 144° 45'.07 E.

Chart temporarily affected - Aus 144 - Aus 158

76(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Scientific instruments

Victorian Notice 156(T)/2011 (AA575139)

Special light buoys, *Fl. Y. 2s*, exist in positions 38° 20'.15 S 144° 52'.78 E and 38° 20'.12 S 144° 54'.54 E.

Chart temporarily affected - Aus 143 - Aus 158

131(T)/2012 AUSTRALIA - VICTORIA - Anderson Inlet - Shoaling

Former Notice - 1300(T)/2009 is cancelled

Victorian Notice 8(T)/2012 (AA577182)

Shoaling exists in the outer entrance channel of the Anderson Inlet entrance bar (38° 39'.0 S 145° 43'.0 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 801

132(T)/2012 AUSTRALIA - VICTORIA - Port Albert - Light unlit

Victorian Notice 11(T)/2012 (AA578170)

The light, *Oc. 3s 12m 11M* (38° 43'.62 S 146° 39'.00E (WGS84 datum)), is unlit.

Chart temporarily affected - Aus 181 - Aus 357

579(T)/2012 AUSTRALIA - VICTORIA - Shoaling

Former Notice - 1301(T)/2009 is cancelled

Victorian Notice 88/2012 (AA602669)

Shoaling, with a least depth of *5.2m*, exists in the Barry Beach Channel (38° 43'.00 S 146° 22'.77 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 182

772(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Werribee South - Harbour works

Date - Until 30 January 2014

Victorian Notice 106(T)/2012 (AA613718)

Harbour works associated with the construction of a new marina are in progress in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
37° 58'.29 S 144° 42'.27 E	special conical buoy, without topmark
37° 58'.31 S 144° 42'.36 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.32 S 144° 42'.46 E	special conical buoy, without topmark
37° 58'.28 S 144° 42'.55 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.23 S 144° 42'.63 E	special conical buoy, without topmark

37° 58'.17 S 144° 42'.69 E	special conical light buoy, <i>Fl.Y.7s</i> , with topmark
37° 58'.10 S 144° 42'.75 E	special conical buoy, without topmark
37° 58'.04 S 144° 42'.81 E	special conical light buoy, <i>Fl.Y.7s</i> , with topmark
37° 57'.97 S 144° 42'.86 E	special conical buoy, without topmark
37° 57'.89 S 144° 42'.85 E	special conical light buoy, <i>Fl.Y.7s</i> , with topmark
37° 57'.81 S 144° 42'.82 E	special conical buoy, without topmark.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 155

74(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Short Road Wharf - Harbour works

Date - Until 30 June 2013

Victorian Notice 184(T)/2012 (AA643612)

Works associated with the remediation of the wharf are in progress (37° 50'.15 S 144° 53'.93 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

75(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Appleton Dock - Harbour works

Former Notice - 77(T)/2011 is cancelled

Date - Until 30 June 2014

Victorian Notice 183(T)/2012 (AA643590)

Works associated with the remediation of berths B to F are in progress (37° 49'.02 S 144° 55'.31 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

275(T)/2013 AUSTRALIA - VICTORIA - Otway Basin - Pipeline

Date - Until 15 April 2013

Origin Energy (AA620979, AA654442 - AA654445)

Vessel Normand Clough and support vessel *Mermaid Vision* are conducting pipe lay operations between positions 39° 06'.94 S 142° 56'.00 E and 39° 06'.49 S 142° 57'.10 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 349 - Aus 787

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

663(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works

Former Notice - 1064(T)/2012 is cancelled

Date - Until 31 July 2013

Victorian Notices 135(T)/2012, 80(T)/2013 (AA630011, AA678930)

Harbour works associated with the rehabilitation of Ann St Pier (37° 51'.63 S 144° 54'.59 E) including the demolition of the pier end are in progress.

The light *F.G* (37° 51'.58 S 144° 54'.61 E) has been repositioned to 37° 51'.59 S 144° 54'.61 E.

Two mooring piles marked by lights exist in the vicinity of position 37° 51'.56 S 144° 54'.63 E and two light buoys exist in the vicinity of position 37° 51'.55 S 144° 54'.64 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

732(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Victoria Dock - Harbour works

Date - Until 31 March 2014

Victorian Notice 94(T)/2013 (AA682953)

Rehabilitation works and diving operations are in progress at Victoria Dock (37° 49'.09 S 144° 55'.74 E).

Barges and pontoons are on site.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

879(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Harbour works

Former Notice - 532(T)/2013 is cancelled

Date - Until 20 December 2013

Victorian Notice 19(T)/2013, 46(T)/2013, 66(T)/2013, 116(T)/2013 (AA649627, AA664916, AA671811, AA691479)

Works associated with the development of a new marina are in progress.

Temporary landings will be installed in positions 37° 51'.63 S 144° 57'.95 E, 37° 51'.83 S 144° 57'.85 E and 37° 51'.64 S 144° 57'.76 E.

A temporary groyne will be installed between positions 37° 51'.64 S 144° 58'.17 E and 37° 51'.63 S 144° 57'.95 E. Special light buoys, *Fl.Y.5s*, which mark the groyne exist in positions 37° 51'.61 S 144° 57'.94 E and 37° 51'.67 S 144° 57'.97 E.

Lit piles and special light buoys, *Fl.Y.5s*, which mark the construction zone exist in the following positions:

37° 51'.641 S 144° 57'.743 E
37° 51'.644 S 144° 57'.862 E
37° 51'.642 S 144° 57'.941 E
37° 51'.609 S 144° 57'.837 E
37° 51'.612 S 144° 57'.830 E
37° 51'.616 S 144° 57'.824 E
37° 51'.619 S 144° 57'.818 E
37° 51'.622 S 144° 57'.811 E
37° 51'.626 S 144° 57'.805 E
37° 51'.629 S 144° 57'.798 E
37° 51'.633 S 144° 57'.791 E.

Works associated with the demolition and reconstruction of the jetty are in progress in an area marked by special conical lights buoys, *Fl.Y.5s*, bounded by the following positions:

37° 51'.80 S 144° 57'.98 E
37° 51'.83 S 144° 57'.99 E
37° 51'.87 S 144° 57'.99 E
37° 51'.87 S 144° 57'.94 E
37° 51'.87 S 144° 57'.93 E
37° 51'.83 S 144° 57'.92 E.

All hazards to navigation will be marked by lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 155

935(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Shoaling

Victorian Notice 119(T)/2013 (AA693049)

Shoaling, with least depth 0.5m, exists within the entrance to Patterson River (38° 04'.41 S 145° 07'.17 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143

936(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Gellibrand Pier - Harbour works

Victorian Notice 117(T)/2013 (AA693380)

Harbour works associated with the rehabilitation of the pier (37° 51'.80 S 144° 54'.87 E) are in progress.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154 - Aus 155

937(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling; virtual AIS

Former Notice - 1063(T)/2012 is cancelled

Victorian Notices 141(T)/2012, 28(T)/2013, 122(T)/2013 (AA630248, AA655972, AA694016)

Virtual AIS exist as follows:

Identification message	Position
TB1	38° 18'.11 S 144° 43'.86 E
TB2	38° 18'.23 S 144° 44'.39 E
TB3	38° 18'.29 S 144° 45'.51 E

Shoaling with a least depth of 14.8m exists in the vicinity and north of the virtual buoys. Deep draught vessels should pass to the south of the buoys.

Chart temporarily affected - Aus 144 - Aus 158

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

Former Notice - 839(P)/2013 is cancelled

Date - On or about 25 September 2013

Victorian Notice 127(T)/2013 (AA695799)

Light beacons will be established as follows:

	Position	Remarks
No23	38° 18'.81 S 144° 55'.95 E	Fl(3)G.10s 5M
No24	38° 17'.93 S 144° 53'.92 E	Fl.5s 11M
No25	38° 17'.93 S 144° 55'.95 E	Fl(4)G.12s 8M

Chart which will be affected - Aus 143 - Aus 158

1071(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Harbour works

Date - Until 29 November 2013

Victorian Notice (AA701212)

Harbour works associated with the upgrade of the berth (38° 15'.88 S 144° 40'.30 E) are in progress.

Barges and a support vessels are on site and will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143

1072(P)/2013 AUSTRALIA - VICTORIA - Western Port - Rutherford Inlet - Beacons; mooring piles

Date - On or about 5 November 2013

Victorian Notice 132(T)/2013 (AA701188)

Beacons will be repositioned as follows:

	Current Position	New Position
No24	38° 14'.08 S 145° 18'.44 E	38° 14'.076 S 145° 18'.447 E
No13	38° 13'.99 S 145° 18'.45 E	38° 13'.993 S 145° 18'.442 E
No26	38° 13'.75 S 145° 18'.36 E	38° 13'.752 S 145° 18'.368 E

28 unlit mooring piles will be established between positions 38° 14'.08 S 145° 18'.47 E and 38° 13'.78 S 145° 18'.38 E.

Chart which will be affected - Aus 151 - Aus 152

1122(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Chelsea - Buoy off station

Victorian Notice 146(T)/2013 (AA704718)

No2 buoy (38° 03'.07 S 145° 04'.53 E) is off station.

Chart temporarily affected - Aus 143 - Aus 155

1123(T)/2013 AUSTRALIA - VICTORIA - Warrnambool - Seismic survey southwards

Date - Until 31 December 2013

WHL Energy Ltd (AA703824, AA7033825), Origin Energy (AA704830)

MV *Viking II*, with a 6100m towed array, support vessels MV *Pacific Protector* and MV *Northern Star* will be conducting a survey commencing 13 November 2013 in an area bounded by the following positions:

38° 40'.0 S 141° 45'.0 E

38° 55'.0 S 142° 50'.0 E

38° 50'.0 S 143° 00'.0 E

38° 50'.0 S 143° 15'.0 E

41° 15'.0 S 143° 10'.0 E

39° 45'.0 S 141° 05'.0 E.

Chart temporarily affected - Aus 349 - Aus 4728 (INT 728)

TASMANIA

91(T)/2010 AUSTRALIA - TASMANIA - Georges Bay - Wreck

Former Notice - 1204(T)/2009 is cancelled

Marine and Safety Tasmania Notice M3/2010 (AA447779)

A stranded wreck exists in position 41° 16'.24 S 148° 20'.07 E, with a floating line marked by a white poly-float leading to an anchor in position 41° 16'.20 S 148° 20'.13 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 169

1291(T)/2011 AUSTRALIA - TASMANIA - Adventure Bay to Pitt Water - Scientific instruments

Date - Until 30 March 2013

Marine and Safety Tasmania Notice M150/2011 (AA570022)

Subsurface scientific instruments exist in the following positions:

43° 31'.43 S 147° 17'.77 E	43° 27'.49 S 147° 13'.39 E
43° 18'.05 S 147° 23'.62 E	43° 14'.53 S 147° 47'.71 E
43° 06'.26 S 147° 41'.81 E	43° 05'.12 S 147° 29'.17 E
43° 02'.37 S 147° 28'.49 E	42° 57'.96 S 147° 33'.29 E
42° 57'.85 S 147° 33'.84 E	42° 57'.73 S 147° 34'.44 E
42° 57'.62 S 147° 34'.99 E	42° 57'.49 S 147° 35'.60 E
42° 57'.39 S 147° 36'.19 E	42° 57'.26 S 147° 36'.79 E
42° 57'.15 S 147° 37'.41 E	42° 57'.14 S 147° 39'.22 E
42° 57'.04 S 147° 38'.01 E	42° 56'.98 S 147° 39'.67 E
42° 56'.42 S 147° 32'.59 E	42° 55'.81 S 147° 40'.74 E
42° 55'.80 S 147° 34'.87 E	42° 55'.42 S 147° 36'.65 E
42° 55'.36 S 147° 40'.76 E	42° 55'.12 S 147° 31'.82 E
42° 54'.92 S 147° 40'.78 E	42° 54'.64 S 147° 33'.74 E
42° 54'.47 S 147° 40'.80 E	42° 54'.33 S 147° 30'.50 E
42° 54'.19 S 147° 35'.44 E	42° 53'.86 S 147° 37'.19 E
42° 53'.71 S 147° 32'.59 E	42° 52'.87 S 147° 34'.22 E
42° 52'.60 S 147° 36'.25 E	42° 52'.35 S 147° 32'.09 E
42° 53'.23 S 147° 31'.15 E	42° 51'.82 S 147° 30'.91 E
42° 51'.80 S 147° 33'.36 E	42° 51'.70 S 147° 34'.84 E
42° 51'.40 S 147° 36'.01 E	42° 51'.06 S 147° 32'.08 E
42° 50'.90 S 147° 36'.92 E	42° 50'.73 S 147° 35'.11 E
42° 50'.69 S 147° 33'.58 E	42° 49'.79 S 147° 36'.18 E
42° 49'.17 S 147° 34'.70 E	42° 48'.72 S 147° 32'.46 E
42° 48'.72 S 147° 34'.04 E	42° 48'.43 S 147° 29'.38 E
42° 48'.43 S 147° 29'.59 E	42° 48'.43 S 147° 29'.80 E
42° 48'.43 S 147° 30'.02 E	42° 48'.41 S 147° 33'.19 E
42° 48'.29 S 147° 31'.42 E	42° 48'.25 S 147° 29'.27 E
42° 48'.25 S 147° 29'.48 E	42° 48'.25 S 147° 29'.69 E
42° 48'.25 S 147° 29'.91 E	42° 48'.25 S 147° 30'.13 E
42° 48'.07 S 147° 29'.69 E	42° 48'.07 S 147° 29'.91 E
42° 48'.07 S 147° 30'.13 E	42° 47'.99 S 147° 28'.66 E
42° 47'.87 S 147° 29'.80 E	42° 47'.87 S 147° 30'.02 E

Chart temporarily affected - Aus 171 - Aus 173 - Aus 796

1292(T)/2011 AUSTRALIA - TASMANIA - Flinders Island - Lady Barron - Light unreliable

Date - Until 20 December 2011

Marine and Safety Tasmania Notice M144/2011 (AA569730)

The light, *F.WRG.48m 10M* (40° 12'.45 S 148° 14'.76 E), is unreliable.

Chart temporarily affected - Aus 179 - Aus 800

576(T)/2012 AUSTRALIA - TASMANIA - Frederick Henry Bay - Scientific instruments

Former Notice - 1229(T)/2011 is cancelled

Date - Until 20 September 2013

Marine and Safety Tasmania (AA602526)

Scientific instruments marked by special conical light buoys exist as follows:

<i>Position</i>	<i>Characteristic</i>
42° 56'.2 S 147° 37'.2 E	<i>Iso.4s</i>
42° 58'.2 S 147° 34'.0 E	<i>Oc.3s.</i>

Chart temporarily affected - Aus 171 - Aus 796

122(T)/2013 AUSTRALIA - TASMANIA - Maria Island - Scientific instruments

Date - Until 28 February 2014

University of Tasmania (AA647460, AA647461)

Subsurface scientific instruments exist on the seabed in the following positions:

42° 40'.08 S 147° 58'.04 E
42° 39'.99 S 147° 58'.60 E
42° 39'.91 S 147° 59'.16 E
42° 39'.82 S 147° 59'.72 E
42° 39'.74 S 148° 00'.28 E.

Subsurface scientific instruments exist 30m below the surface in the following positions:

42° 39'.08 S 148° 10'.40 E
42° 39'.28 S 148° 10'.92 E
42° 39'.48 S 148° 11'.44 E
42° 39'.68 S 148° 11'.96 E
42° 39'.88 S 148° 12'.49 E
42° 40'.08 S 148° 13'.01 E
42° 40'.28 S 148° 13'.53 E
42° 40'.48 S 148° 14'.05 E
42° 40'.68 S 148° 14'.57 E
42° 40'.88 S 148° 15'.10 E
42° 41'.08 S 148° 15'.62 E
42° 41'.28 S 148° 16'.14 E
42° 41'.48 S 148° 16'.66 E
42° 41'.68 S 148° 17'.18 E
42° 41'.88 S 148° 17'.71 E
42° 42'.08 S 148° 18'.23 E
42° 42'.28 S 148° 18'.75 E
42° 42'.48 S 148° 19'.27 E
42° 42'.68 S 148° 19'.79 E
42° 42'.87 S 148° 20'.32 E
42° 43'.07 S 148° 20'.84 E
42° 43'.26 S 148° 21'.26 E.

Chart temporarily affected - Aus 170 - Aus 766 - Aus 797

179(T)/2013 AUSTRALIA - TASMANIA - Hobart - New Town Bay - Wreck

Marine and Safety Tasmania Notice M22/2013 (AA650422)

A wreck exists in position 42° 50'.66 S 147° 19'.21 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 171 - Aus 172

233(T)/2013 AUSTRALIA - TASMANIA - Cape Sonnerat - Wreck

Marine and Safety Tasmania Notice M25/2013 (AA653456)

A wreck exists in position 42° 20'.67 S 148° 19'.99 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 169 - Aus 766

276(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Marine farm

Marine and Safety Tasmania Notice M26/2013 (AA656380)

Mariners are advised the marine farm has extended its boundaries as follows:

42° 15'.54 S 145° 18'.75 E

42° 15'.11 S 145° 19'.57 E
42° 15'.71 S 145° 20'.13 E
42° 16'.14 S 145° 19'.30 E.

Chart temporarily affected - Aus 177

277(T)/2013 AUSTRALIA - TASMANIA - Hawkers Point - Pipeline

Date - Until 3 December 2013

Marine and Safety Tasmania Notice M34/2013 (AA655987)

Pipe laying operations are in progress in an area, marked by special buoys, bounded by the following positions:

43° 20'.19 S 147° 00'.93 E
43° 20'.17 S 147° 00'.87 E
43° 20'.47 S 147° 00'.81 E
43° 20'.44 S 147° 00'.75 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 173

364(T)/2013 AUSTRALIA - TASMANIA - River Tamar - Light beacon destroyed

Marine and Safety Tasmania Notices M45/2013, M47/2013 (AA662937, AA663470)

No10 light beacon, Q(2)R.4s (41° 23'.71 S 147° 06'.15 E), has been destroyed; a port lateral light buoy, Q(2)R.4s, exists in situ.

Chart temporarily affected - Aus 168

662(T)/2013 AUSTRALIA - TASMANIA - Stanley - North Point - Beacon destroyed

Marine and Safety Tasmania Notice M70/2013 (AA680160)

The beacon (40° 42'.60 S 145° 16'.25 E) has been destroyed.

Chart temporarily affected - Aus 790

880(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Marine farm

Date - Until 31 October 2013

Marine and Safety Tasmania Notice M81/2013 (AA691365)

Mariners are advised the marine farm has extended its boundaries as follows:

42° 19'.58 S 145° 21'.44 E
42° 20'.14 S 145° 20'.71 E
42° 20'.50 S 145° 21'.16 E
42° 19'.93 S 145° 21'.89 E.

Chart temporarily affected - Aus 177

940(T)/2013 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Beacon destroyed

Marine and Safety Tasmania Notice M87/2013 (AA693024)

The south cardinal beacon (43° 03'.50 S 147° 19'.81 E) has been destroyed.

Chart temporarily affected - Aus 171 - Aus 173 - Aus 174

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

Former Notice - 840(T)/2013 is cancelled

Marine and Safety Tasmania Notice M91/2013 (AA697019)

No11 light beacon, F.R (41° 10'.76 S 146° 21'.91 E), has been destroyed.

Chart temporarily affected - Aus 164

1073(T)/2013 AUSTRALIA - TASMANIA - Bruny Island - Kinghorne Point - Light

Marine and Safety Tasmania Notice M102/2013 (AA701913)

The light (43° 09'.96 S 147° 16'.56 E) has been temporarily altered to *Fl.3s*.

Chart temporarily affected - Aus 173 - Aus 795 - Aus 796

1074(T)/2013 AUSTRALIA - TASMANIA - Cape Barren Island - Scientific instruments

Date - Until 30 June 2015

Institute for Marine and Antarctic Studies (AA701662 - AA701664), Marine and Safety Tasmania Notice M104/2013 (AA701665)

Subsurface scientific instruments exist on the seabed in the following positions:

40° 26'.38 S 148° 28'.97 E
40° 26'.51 S 148° 29'.51 E
40° 26'.65 S 148° 30'.05 E
40° 26'.78 S 148° 30'.59 E.

Subsurface scientific instruments exist >30m below the surface in the following positions:

40° 26'.91 S 148° 31'.12 E
40° 27'.05 S 148° 31'.66 E
40° 27'.18 S 148° 32'.20 E
40° 27'.31 S 148° 32'.74 E
40° 27'.44 S 148° 33'.27 E
40° 27'.58 S 148° 33'.81 E
40° 27'.71 S 148° 34'.35 E
40° 27'.84 S 148° 34'.89 E
40° 27'.97 S 148° 35'.43 E
40° 28'.11 S 148° 35'.96 E
40° 28'.24 S 148° 36'.50 E
40° 28'.37 S 148° 37'.04 E
40° 28'.50 S 148° 37'.58 E
40° 28'.64 S 148° 38'.12 E
40° 28'.77 S 148° 38'.65 E
40° 28'.90 S 148° 39'.19 E
40° 29'.03 S 148° 39'.73 E
40° 29'.16 S 148° 40'.27 E
40° 29'.30 S 148° 40'.81 E
40° 29'.43 S 148° 41'.35 E
40° 29'.56 S 148° 41'.88 E
40° 29'.69 S 148° 42'.42 E
40° 29'.82 S 148° 42'.96 E
40° 29'.96 S 148° 43'.50 E
40° 30'.09 S 148° 44'.04 E
40° 30'.22 S 148° 44'.58 E
40° 30'.35 S 148° 45'.12 E
40° 30'.48 S 148° 45'.65 E
40° 30'.61 S 148° 46'.19 E
40° 30'.75 S 148° 46'.73 E
40° 30'.88 S 148° 47'.27 E
40° 31'.01 S 148° 47'.81 E
40° 31'.14 S 148° 48'.35 E
40° 31'.27 S 148° 48'.89 E
40° 31'.40 S 148° 49'.40 E
40° 31'.52 S 148° 49'.90 E.

Chart temporarily affected - Aus 487 - Aus 798 - Aus 800

1075(T)/2013 AUSTRALIA - TASMANIA - Georges Bay - Pelican Point - Dredging operations

Date - Until 30 November 2013

Marine and Safety Tasmania Notice M105/2013 (AA702194)

SSAT *Dredge* is conducting dredging operations in the vicinity of Pelican Point (41° 17'.35 S 148° 19'.52 E).

A pipeline exists from a barge to the shore and mariners must pass the barge on the western side. All mooring anchors will be marked by buoys.

Vessels transiting the area must contact SSAT *Dredge* via VHF radio prior to transit as restrictions are in place.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 169

1076(T)/2013 AUSTRALIA - TASMANIA - Mercury Passage - Light buoy destroyed
Marine and Safety Tasmania Notice 99/2013 (AA700219)

The special light buoy, *Fl. Y. 4s* (42° 35'.34 S 147° 58'.41 E), has been destroyed.

Chart temporarily affected - Aus 170 - Aus 766 - Aus 797

1125(T)/2013 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Marine farm
Date - Until 30 November 2013
Marine and Safety Tasmania Notice 110/2013 (AA704160)

Mariners are advised the marine farm has extended its boundaries as follows:

43° 18'.27 S 147° 06'.09 E

43° 18'.20 S 147° 06'.64 E

43° 19'.01 S 147° 06'.64 E

43° 18'.95 S 147° 06'.09 E.

Chart temporarily affected - Aus 173

1126(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Kelly Channel - Light beacon unlit
Marine and Safety Tasmania Notice 108/2013 (AA703534)

No1 light beacon, *Q. 3m 3M* (42° 14'.32 S 145° 14'.06 E), is unlit.

Chart temporarily affected - Aus 177

PAPUA NEW GUINEA and SOUTH PACIFIC

404(T)/2008 PAPUA NEW GUINEA - Port Moresby - Fish aggregation device southwards

Former Notice - 665(T)/2006 is cancelled

Department of Transport and Civil Aviation PNG Notice 8/2004 (AA84295)

A fish aggregation device, marked by a buoy, exists in position 9° 44'.5 S 147° 17'.5 E (datum unknown).

Chart temporarily affected - Aus 379 - Aus 505 - Aus 4620 (INT 620)

66(T)/2011 PAPUA NEW GUINEA - Caution Bay - Harbour works

Date - Until 31 January 2013

National Maritime Safety Authority PNG Notice 46/2010 (AA511164)

Works associated with the construction of a jetty are in progress within an area bounded by the following positions:

9° 20'.01 S 146° 58'.80 E

9° 21'.27 S 146° 59'.22 E

9° 21'.21 S 146° 59'.84 E

9° 20'.58 S 146° 59'.61 E

9° 20'.50 S 147° 00'.43 E

9° 19'.97 S 147° 00'.23 E.

A 2M exclusion zone exists from the outside this area and a 0.25M exclusion zone exists around all vessels associated with the works.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 379

709(P)/2011 PAPUA NEW GUINEA - Eastern Fields - Reef delineation

Date - On or about 15 July 2011

LADS Flight (AA543779)

Mariners are advised that a survey being undertaken within the Eastern Fields region (10° 05'.0 S 145° 35'.0 E) indicates that the dangers are not in their charted positions. The whole reef system is out of position by up to 1000 metres in a non-uniform direction.

Chart which will be affected - Aus 377 - Aus 379 - AX 60377

1286(T)/2011 PAPUA NEW GUINEA - Bougainville Island - Lights unlit

Former Notice - 1159(T)/2011 is cancelled

National Maritime Safety Authority PNG Notices 22/2011, 46/2011, 52/2011 (AA535709, AA565338, AA569723)

The following lights are unlit:

<i>Location</i>	<i>Position</i>
Otua Island (K4886)	6° 27'.50 S 155° 58'.40 E
Takanupei Island (K4884.4)	6° 08'.86 S 155° 34'.31 E
Dokome Point (K4885.2)	6° 10'.91 S 155° 32'.94 E
Kerekerina Point (K4885)	6° 11'.30 S 155° 33'.56 E
Arawa Bay (K4884.6)	6° 13'.74 S 155° 34'.37 E
Banaru Reef (K4885.7)	6° 08'.30 S 155° 39'.03 E
Moto Reef (K4885.8)	6° 08'.77 S 155° 39'.52 E
Wogoromodo Reef (K4885.6)	6° 10'.12 S 155° 39'.03 E
Cape Laverdy (K4884)	5° 32'.49 S 155° 03'.88 E

Chart temporarily affected - Aus 399 - Aus 683 - Aus 4622 (INT 622)

609(P)/2012 PAPUA NEW GUINEA - Caution Bay - Nav aids to be established

Date - On or about 1 November 2012

ExxonMobil Australia (AA604216, AA604217)

Light beacons and light buoys will be established as follows:

<i>Name</i>	<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
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R1	9° 17'.90 S 146° 55'.75 E	Fl.R.3s	
R3	9° 18'.10 S 146° 57'.26 E	Fl.R.3s	
R5	9° 18'.43 S 146° 58'.35 E	Q.R	
R7	9° 19'.12 S 146° 58'.78 E	Fl.R.3s	
R9	9° 19'.62 S 146° 58'.94 E	Fl.R.3s	
G2	9° 18'.31 S 146° 55'.72 E	Fl.G.3s	
G4	9° 18'.54 S 146° 57'.25 E	Fl.G.3s	
G6	9° 18'.82 S 146° 58'.10 E	Fl.G.3s	
G8	9° 19'.34 S 146° 58'.45 E	Fl.G.3s	
G10	9° 19'.76 S 146° 58'.57 E	Fl.G.3s	
Y11	9° 20'.07 S 146° 59'.10 E	Fl.Y.3s	special buoy
Y12	9° 20'.15 S 146° 58'.64 E	Fl.Y.3s	special buoy
TB1	9° 20'.40 S 146° 58'.72 E	Q.Y	special buoy
TB2	9° 20'.71 S 146° 59'.01 E	Q.Y	special buoy
RL1	9° 18'.58 S 146° 59'.47 E	Iso.4s	
RL2	9° 17'.98 S 146° 58'.19 E	F.Bu	
FL1	9° 18'.54 S 146° 59'.16 E	Q	
FL2	9° 18'.05 S 146° 58'.21 E	F.Bu	

Chart which will be affected - Aus 379

904(T)/2012 PAPUA NEW GUINEA - Lae - Dredging operations

Date - Until 31 January 2014

PNG Ports Corporation Ltd (AA622596 - AA622602)

Dredges *Tianji* and *Jinhangjun* 406 and support vessels are conducting dredging operations associated with the new harbour development in an area bounded by the following:

Position	Remarks
6° 43'.81 S 146° 58'.15 E	
6° 43'.57 S 146° 58'.83 E	
6° 44'.21 S 146° 58'.84 E	
6° 44'.24 S 146° 58'.92 E	
6° 44'.53 S 146° 58'.86 E	special pillar light buoy, Q.Y
6° 44'.83 S 146° 59'.06 E	special pillar light buoy, Q.Y
6° 44'.83 S 146° 58'.51 E	special pillar light buoy, Q.Y
6° 44'.35 S 146° 58'.56 E.	

An exclusion zone exists within this area.

A lit floating pipeline exists between positions 6° 44'.54 S 146° 58'.84 E and 6° 44'.22 S 146° 58'.69 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 643

164(T)/2013 PAPUA NEW GUINEA - Nuakata Passage - Oreore Channel - Light beacon destroyed

National Maritime Safety Authority PNG Notice 2(T)/2013 (AA650413)

The port lateral light beacon, Q.R (10° 13'.69 S 150° 52'.77 E), has been destroyed.

Chart temporarily affected - Aus 628

166(T)/2013 PAPUA NEW GUINEA - Condor Point - Light unlit

National Maritime Safety Authority PNG Notice 4(T)/2013 (AA649248)

The light, Fl(2)8s 15m 10M (4° 07'.12 S 144° 51'.70 E), is unlit.

Chart temporarily affected - Aus 388 - Aus 4622 (INT 622)

351(T)/2013 PACIFIC OCEAN - Scientific instruments

Former Notice - 873(T)/2012 is cancelled

JAMSTEC (AA660644)

Scientific instruments, Triton buoys, exist as follows:

Number	Position
4	0° 00'.97 N 156° 02'.50 E
5	2° 01'.03 S 155° 57'.52 E

6 5° 02'.01 S 156° 01'.54 E
9 0° 03'.54 N 147° 00'.68 E.

Chart temporarily affected - Aus 399 - Aus 4622 (INT 622)

771(T)/2013 PAPUA NEW GUINEA - Cape Sueusat - Light unlit
National Maritime Safety Authority PNG Notice 34(T)/2013 (AA686044)

The light, *Fl.5s 9m 10M* (2° 37'.02 S 150° 46'.60 E), is unlit.

Chart temporarily affected - Aus 392 - Aus 393 - Aus 543 - Aus 666

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)

918(T)/2013 PAPUA NEW GUINEA - Port Moresby - Lark Patch - Light beacon destroyed
National Maritime Safety Authority PNG Notice 39(T)/2013 (AA692723)

The light beacon, *Fl.R.3s 7m 4M* (9° 31'.56 S 147° 08'.53 E), has been destroyed.

Chart temporarily affected - Aus 505 - Aus 621

981(T)/2013 PAPUA NEW GUINEA - Cape St George - Light unlit
National Maritime Safety Authority PNG Notice 40(T)/2013 (AA695289)

The light, *Fl.5s 101m 10M* (4° 50'.86 S 152° 52'.61 E), is unlit.

Chart temporarily affected - Aus 397 - Aus 398 - Aus 554 - Aus 668 - Aus 4060 (INT 60) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - AX 04604U

1062(T)/2013 PAPUA NEW GUINEA - Unei Island - Light unlit
National Maritime Safety Authority PNG Notice 49(T)/2013 (AA701693)

The light, *Fl(4)16s 6m 9M* (3° 22'.69 S 143° 24'.58 E), is unlit.

Chart temporarily affected - Aus 389 - Aus 651 - Aus 4622 (INT 622)

EAST TIMOR

NIL

MISCELLANEOUS