

# Supplement IV

## TEMPORARY AND PRELIMINARY NOTICES In force on 8 February 2013

### NEW SOUTH WALES

**1318(T)/2010 AUSTRALIA - NEW SOUTH WALES - Broken Bay - Barrenjoey Head - Light range reduced**  
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 - AX 0809E - AX 67215**

**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**

**748(T)/2011 AUSTRALIA - NEW SOUTH WALES - Cape Baily to Ben Buckler - Scientific instruments**  
*Former Notice - 49(T)/2010 is cancelled*  
*Date - Until 30 June 2013*  
Sydney Institute of Marine Science (AA375220, AA420046, AA545275)

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 808 - Aus 809 - AX 0808S - AX 0809S**

**750(T)/2011 AUSTRALIA - NEW SOUTH WALES - Manly - Scientific instruments**  
*Former Notice - 1009(T)/2009 is cancelled*  
*Date - Until 30 June 2013*  
University of Sydney Institute of Marine Science (AA353372, AA353373, AA424523, AA545275)

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 6201F - AX 63200**

**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 - Aus194 - Aus195

### 1139(T)/2011 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Harbour works

Date - Until 30 November 2012

Sydney Ports Corporation (AA562429)

Harbour works associated with the construction of Bulk Liquids berth 2 are in progress in an area bounded by the HWL and special light buoys, *Fl. Y. 5s*, in the following positions:

33° 58'.84 S 151° 12'.57 E  
33° 58'.83 S 151° 12'.53 E  
33° 58'.79 S 151° 12'.53 E  
33° 58'.75 S 151° 12'.52 E  
33° 58'.70 S 151° 12'.53 E  
33° 58'.67 S 151° 12'.53 E  
33° 58'.62 S 151° 12'.55 E  
33° 58'.58 S 151° 12'.55 E  
33° 58'.54 S 151° 12'.59 E  
33° 58'.52 S 151° 12'.61 E  
33° 58'.50 S 151° 12'.67 E.

The area is restricted and only vessels involved in the works are authorised access.

Mariners are advised to navigate with caution in the area.

## Chart temporarily affected – Aus 198 – Aus 199

### 795(T)/2012 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depth information

Former Notice - 692(T)/2012 is cancelled

Port Kembla Port Corporation Notice 1/2012 (AA608487)

Available depths as at 28 June 2012:

Berth	Metres	Remarks
Inner Harbour	15.1	
North West Basin	11.2	
101	11.4	Maximum transit draft 12m
102	15.8	
103	12.0	
104	15.4	
105	15.0	
106	13.7	
107	12.0	
108	-	Future Development
109	11.7	
110	10.7	
111	15.2	
112	12.8	Maximum transit draft 13.6m
113	11.2	West of 7m chainage
113	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 max LOA 180m
* 202	10.2	To 205m max LOA 195m
202	10.0	To 210m
203	10.1	
204	4.2	
205	6.8	
206	11.0	

\* Indicates new or revised entry.

## Chart temporarily affected – Aus 194

### 1132(T)/2012 AUSTRALIA - NEW SOUTH WALES - Sydney - Millers Point - Harbour works

Sydney Ports Notice 13/2012 (AA637248)

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'.30 S 151° 11'.98 E), with seven special light buoys, Q. Y, spaced equally to a light buoy, VQ(9)10s (33° 51'.44 S 151° 11'.99 E).

A silt curtain marked by special buoys will be established around the boundary of the area.

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**

**1263(T)/2012 AUSTRALIA - NEW SOUTH WALES - Clarence River - North Channel - Scientific instrument; harbour works postponed**

*Former Notice* - 1134(T)/2012 is cancelled

*Date* - Until 31 January 2013

Port of Clarence River (Yamba) Notice 10(T)/2012, 11(T)/2012 (AA641659, AA641660)

A scientific instrument marked by special light buoy, Q. Y, exists in position 29° 25'.38 S 153° 21'.21 E

**Chart temporarily affected – Aus 222**

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

*Former Notice* - 1262(T)/2012 is cancelled

Newcastle Port Corporation (AA643551)

Available depths as at 17 December 2012:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Western Basin 3	11.6	
Western Basin 4	11.6	
Eastern Basin 1	11.6	
Eastern Basin 2 North of Ch 450	11.6	
Eastern Basin 2 South of Ch 450	11.6	
Channel Berth	8.5	
Dyke 1	12.8	
Dyke 2	12.8	
Dyke 4	16.5	
Dyke 5	16.5	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.8	
BHP Wharf 6 to Ch 1050	7.3	
Kooragang 2	11.6	
Kooragang 2 North Dolphin Ch 182 to 228	11.6	
Kooragang 2 South Dolphin Ch -92 to 00	11.0	
Kooragang 3	13.2	
Kooragang 4	16.5	
Kooragang 5	16.5	
Kooragang 6	16.3	
Kooragang 7	16.5	
* Kooragang 8	16.2	
* Kooragang 9	16.0	
* Kooragang 10	16.5	Chart to be amended shortly
Throsby 1	8.4	
Carrington Wharf	To be sounded as and when required	
Foreshore Park Berth	5.9	
Elgo Wharf	To be sounded as and when required	
<i>Channels</i>		
Entrance Approach	17.7	
Entrance Channel (18.0m)	18.0	
Entrance Channel (17.4m)	17.4	
Entrance Channel (16.8m)	16.8	
Entrance Channel (16.2m)	16.2	
Entrance Channel to Horseshoe	15.2	
Horseshoe	15.1	
Steelworks Channel to Swinging Basin	15.2	
Swinging Basin	14.8	
Hunter River South Arm (Kooragang 6 to buoy 16)	15.0	
Hunter River South Arm (buoy 16 to buoy 18)	14.7	
Basin Cutting	12.6	
Basin Area to Eastern & Western Basin Berths	12.3	
Basin Area to 1 Throsby	9.4	
Stockton Crossing	3.6	

\* Indicates revised entry.

**Chart temporarily affected – Aus 207 – Aus 208**

**100(T)/2013 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Military exercise**

*Date* - Until 16 February 2013

HMAS *Huon* (AA647634)

Two exercise mines exist within a 500m radius of position 35° 08'.5 S 150° 46'.5 E, suspended 15m below the surface.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 193 - Aus 807 - Aus 808 - AX 00193T - AX 00808S - AX A0193T**

**141(P)/2013 AUSTRALIA - NEW SOUTH WALES - Port Macquarie - Light trial**

*Former Notice* - 847(T)/2010 is cancelled

*Date* - Until 30 April 2013

NSW Roads and Maritime Services Notice 1275/2012 (AA650945)

A light, Oc.WRG.4s, with sectors White 244° - 249°, Red 249° - 269°, Green 239° - 244° exists in position 31° 25'.61 S 152° 54'.87 E.

**Chart which will be affected - Aus 219**

**142(T)/2013 AUSTRALIA - NEW SOUTH WALES - Clarence River - Nav aids destroyed or off station; depths**

Port of Clarence River Notice 3/2013 (AA649244)

Nav aids in the Clarence River may be destroyed or off station and depths may not be consistent with charted information due to recent flooding.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 222**

## QUEENSLAND

**930(T)/2007 AUSTRALIA - QUEENSLAND - Hook Reef - Beacon destroyed**  
Maritime Safety Queensland Notice 659(T)/2007 (AA289086)

The east cardinal beacon (19° 48'.80 S 149° 15'.11 E) has been destroyed.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 254 – Aus 825**

**710(T)/2008 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoys established**  
*Former Notice - 649(T)/2008 is cancelled*  
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**

**667(T)/2009 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Wreck**  
Maritime Safety Queensland Notice 332(T)/2009 (AA408578)

A wreck marked by a special light buoy exists in position 20° 15'.60 S 148° 42'.45 E.

Mariners are advised to navigate with caution in the area.

**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**

**716(T)/2010 AUSTRALIA - QUEENSLAND - Barb Reef - Beacon destroyed**  
Maritime Safety Queensland Notice 532(T)/2010 (AA476018)

The west cardinal beacon (19° 49'.07 S 149° 07'.45 E) has been destroyed.

**Chart temporarily affected - Aus 254 - Aus 825**

**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**

**1197(T)/2010 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Cardwell - Wreck**

Maritime Safety Queensland Notice 945(T)/2010 (AA501575)

A wreck exists in position 18° 14'.72 S 146° 01'.66 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 259 - Aus 828**

**1263(T)/2010 AUSTRALIA - QUEENSLAND - Yorkeys Knob - Wreck**

*Former Notice* - 1196(T)/2010 is cancelled

Maritime Safety Queensland Notice 980(T)/2010 (AA503397)

A wreck exists in position 16° 46'.88 S 145° 42'.20 E.

**Chart temporarily affected - Aus 830**

**1333(T)/2010 AUSTRALIA - TORRES STRAIT - Yorke Islands - Wreck**

Maritime Safety Queensland Notice 1002(T)/2010 (AA505444)

A wreck exists in position 9° 47'.46 S 143° 32'.88 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 376 - Aus 377 - Aus 840 - AX 60377**

**1386(T)/2010 AUSTRALIA - QUEENSLAND - Bundaberg - Anchoring prohibited**

Maritime Safety Queensland Notice 1017(T)/2010 (AA508845)

Temporary anchoring is restricted to an area bounded by the following positions:

24° 45'.47 S 152° 23'.43 E  
24° 45'.53 S 152° 23'.54 E  
24° 45'.48 S 152° 23'.79 E  
24° 45'.38 S 152° 23'.77 E.

Vessels are permitted to anchor in the area for up to 48hrs. Vessels must then move to one of the marinas or upstream of position 24° 46'.41 S 152° 22'.88 E.

Anchoring is not permitted in any section of the river downstream of 24° 46'.41 S 152° 22'.88 E and in the section of the Town Reach between positions 24° 51'.78 S 152° 21'.04 E and 24° 51'.81 S 152° 20'.77 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242**

**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**

**209(T)/2011 AUSTRALIA - QUEENSLAND - Port Alma - Depth information**

*Former Notice - 1019(T)/2009 is cancelled*

Maritime Safety Queensland Notice 182(T)/2011 (AA518652)

Available depths as at 23 February 2011:

<i>Berth</i>	<i>Metres</i>
Balaclava Leads	7.6
Kazatch Leads	7.0
Eupatoria Leads	7.9
Shell Point Leads	7.0
Swing Basin	5.8
Berth No 1	9.2
Berth No 2	9.2
Berth No 3	9.2

\* Indicates revised entry.

**Chart temporarily affected - Aus 265**

**223(T)/2011 AUSTRALIA - QUEENSLAND - Dugong Island - Wreck**

Maritime Safety Queensland Notice 164(T)/2011 (AA518402)

A wreck exists in position 10° 31'.31 S 143° 13'.97 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 376 - Aus 837 - Aus 839**

**415(T)/2011 AUSTRALIA - QUEENSLAND - Boyne River - Shoaling**

*Former Notice - 58(T)/2011 is cancelled*

Maritime Safety Queensland Notice 342(T)/2011 (AA527129)

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

No8 port beacon (23° 56'.32 S 151° 21'.31 E) has been temporarily altered to a starboard beacon and renamed No7.

A special light buoy, *Fl.Y.2-5s*, exists in position 23° 55'.61 S 151° 22'.08 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 246**

**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**

#### **422(T)/2011 AUSTRALIA - QUEENSLAND - Whitsundays - Spitfire Rock - Light beacon destroyed**

*Former Notice* - 1190(T)/2010 is cancelled

Maritime Safety Queensland Notice 930(T)/2010, 345(T)/2011 (AA500617, AA527139)

The west cardinal light beacon (20° 28'.59 S 149° 01'.70 E) has been destroyed.

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

#### **470(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island to Redcliffe Island - Scientific instruments**

*Date* - Until 30 June 2013

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, <i>Fl.G.2-5s</i>
27° 16'.60 S 153° 04'.26 E	lit port buoy, <i>Fl.R.2-5s</i>
27° 16'.57 S 153° 04'.11 E	lit starboard buoy, <i>Fl.G.2-5s</i>
27° 16'.59 S 153° 04'.09 E	lit port buoy, <i>Fl.R.2-5s</i>

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**

#### **653(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point - Harbour works**

*Former Notice* - 521(T)/2011 is cancelled

*Date* - Until 31 July 2011

Maritime Safety Queensland Notice 547(T)/2011 (AA539941)



Harbour works are in progress at Barney Point Wharf. An exclusion zone exists in within an area bounded by the following positions:

23° 50'.13 S 151° 16'.00 E  
23° 50'.10 S 151° 16'.21 E  
23° 50'.18 S 151° 16'.45 E  
23° 50'.23 S 151° 16'.29 E.

The barges *PMG 150* and *Swissco 58* have deployed 4 anchors marked by light buoys. They will display appropriate lights and symbols and will monitor VHF Ch 13 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 244 – Aus 245**

**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**

*Former Notice* - 766(T)/2011 is cancelled

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 - Aus254 - Aus825**

**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**

**1032(T)/2011 AUSTRALIA - QUEENSLAND - Cape Edgecumbe to Abbot Point - Scientific instruments**  
*Date - Until 30 March 2013*  
Maritime Safety Queensland Notice 948(T)/2011 (AA559162)

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

19° 55'.92 S 148° 13'.61 E  
19° 54'.39 S 148° 08'.93 E  
19° 51'.29 S 148° 03'.34 E.

**Chart temporarily affected - Aus 255 - Aus 825 - Aus 826**

**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**

**1143(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Dredging operations**  
*Former Notice - 909(T)/2011 is cancelled*  
*Date - Until 28 February 2012*  
Maritime Safety Queensland Notice 1072(T)/2011 (AA565512)

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

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

The dredge will monitor VHF Ch 16 and Ch 67.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 230 - Aus 814**

**1154(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Smiths Creek - Wreck**  
Maritime Safety Queensland Notice 1021(T)/2011 (AA562436)

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 16° 57'.51 S 145° 46'.26 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 264**

**1199(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Shafston Reach to Bulimba Reach - Harbour works**  
*Date - Until 23 December 2011*  
Maritime Safety Queensland Notice 1082(T)/2011 (AA565897)

Refurbishment works are in progress and will be progressively conducted in the following positions:

27° 28'.48 S 153° 02'.39 E  
27° 27'.69 S 153° 03'.07 E  
27° 28'.41 S 153° 03'.26 E.

The location of the piling barge will be promulgated on VHF Ch 13 by Brisbane Harbour.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

**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**

**1285(T)/2011 AUSTRALIA - QUEENSLAND - Cooktown - Light beacon destroyed**

Maritime Safety Queensland Notice 1206(T)/2011 (AA570050)

No3 light beacon (15° 27'.32 S 145° 15'.20 E) has been destroyed; a special light buoy, *Fl. Y. 3s*, exists in situ.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 270**

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

*Date* - Until 30 June 2013

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:

	<i>Metres</i>
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**

**240(T)/2012 AUSTRALIA - QUEENSLAND - Point Lookout - Scientific instruments northeastwards**

*Date* - Until 30 September 2013

CSIRO (AA586284)

Subsurface scientific instruments, 20m below the surface, exist in positions 27° 19'.8 S 153° 46'.8 E and 27° 18'.6 S 153° 52'.2 E.

**Chart temporarily affected - Aus 814**

**245(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Pipelines**

*Former Notice* - 155(T)/2012 is cancelled

*Date* - Until 31 December 2012

Maritime Safety Queensland Notices 1115(T)/2011, 1132(T)/2011, 57(T)/2012, 173/2012 (AA567581, AA567881, AA578641, AA586341)

Submarine pipelines, marked by unlit orange buoys and lit special buoys, exist between;

23° 46'.87 S 151° 10'.14 E  
23° 46'.69 S 151° 10'.70 E  
23° 46'.68 S 151° 11'.06 E  
23° 46'.94 S 151° 11'.59 E  
23° 47'.06 S 151° 11'.96 E  
and  
23° 47'.06 S 151° 11'.96 E  
23° 46'.77 S 151° 11'.65 E  
and  
23° 46'.56 S 151° 10'.03 E  
23° 46'.65 S 151° 10'.71 E  
23° 46'.64 S 151° 10'.88 E  
23° 46'.56 S 151° 11'.12 E  
23° 46'.38 S 151° 11'.38 E  
and  
23° 46'.65 S 151° 10'.71 E  
23° 46'.31 S 151° 10'.98 E  
23° 46'.07 S 151° 11'.07 E  
and  
23° 46'.18 S 151° 09'.95 E  
23° 45'.49 S 151° 10'.34 E  
23° 45'.40 S 151° 10'.55 E  
and  
23° 48'.52 S 151° 12'.98 E  
23° 49'.14 S 151° 12'.61 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 244 - Aus 245**

**251(T)/2012 AUSTRALIA - QUEENSLAND - Cleveland Bay to Rowes Bay - Scientific instruments**

*Date* - Until 31 March 2013

Maritime Safety Queensland Notice 194(T)/2012 (AA586719)

Special light buoys, *Fl. Y. 4s*, exist in positions 19° 12'.82 S 146° 47'.53 E and 19° 14'.44 S 146° 49'.42 E.

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

**302(T)/2012 AUSTRALIA - QUEENSLAND - Bluff Rock to Wreck Point - Scientific instruments**

Maritime Safety Queensland Notice 223(T)/2012 (AA588180)

Subsurface scientific instruments exist in positions 23° 10'.36 S 150° 48'.15 E and 23° 08'.58 S 150° 45'.87 E.

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

**306(T)/2012 AUSTRALIA - TORRES STRAIT - Adolphus Channel to Gannet Passage - AIS trial**

*Former Notice* - 58(T)/2012 is cancelled

Australian Maritime Safety Authority (AA567095, AA572149, AA572150, AA573831)

AIS units have been attached to nav aids as follows:

<i>MMSI</i>	<i>Position (WGS84 datum)</i>	<i>Type</i>	<i>Remarks</i>
995031033	10° 28'.43 S 142° 22'.61 E	Real	Alert Patches north cardinal light buoy
995031038	10° 29'.77 S 142° 27'.08 E	Synthetic	East Strait Island rear light
995031022	10° 30'.16 S 142° 21'.51 E	Real	Herald Patches starboard lateral light buoy
995031023	10° 33'.91 S 142° 09'.13 E	Real	Goods Island rear light
995031039	10° 35'.49 S 141° 52'.41 E	Synthetic	Gannet Passage south cardinal light buoy.

**Chart temporarily affected - Aus 292 - Aus 293 - Aus 296 - Aus 299 - Aus 376 - Aus 700**

**348(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Depth information**

*Former Notice* - 1203(T)/2011 is cancelled

Maritime Safety Queensland Notice 307(T)/2012 (AA592206)

Available depths as at 3 April 2012:

	<i>Metres</i>	<i>Remarks</i>
<i>Sea Channels:</i>		
Wild Cattle Cutting	16.1	
* Boyne Island Cutting	16.1	
Boyne Island Extension Channel	9.0	

Golding Cutting	16.1	
* South Bypass Channel	7.3	
Gatcombe Channel	16.3	
* Gatcombe Bypass Channel	12.5	
<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	10.6	
Targinie Swing Basin East	10.6	
Targinie Swing Basin West	9.0	
<i>Berths:</i>		
Boyne Smelter Wharf	15.0	
* South Trees East Wharf	12.8	
* South Trees West Wharf	12.8	
Barney Point Wharf	13.5	(east approach)
Barney Point Wharf	11.5	(west approach)
Barney Point Wharf	15.0	
Auckland Point No 1 Wharf	11.3	
Auckland Point No 2 Wharf	11.3	
* Auckland Point No 3 Wharf	11.3	
* Auckland Point No 4 Wharf	11.4	
* Clinton No 1 Wharf	18.8	
* Clinton No 2 Wharf	18.8	
* Clinton No 3 Wharf	18.8	
* Clinton No 4 Wharf	18.8	
* Fishermans Landing Wharf No 1	12.9	
* Fishermans Landing Wharf No 2	12.9	
* Fishermans Landing Wharf No 4	11.2	
* Fishermans Landing Wharf No 5	11.2	
* Indicates new or revised entry.		

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

#### **401(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Fishermans Landing - Harbour works**

*Date* - Until 1 May 2012

Maritime Safety Queensland Notice 366(T)/2012 (AA594414)

Piling operations are in progress between berth No2 (23° 47'.42 S 151° 10'.80 E) and No4 (23° 47'.25 S 151° 10'.57 E).

The piling barge *Leonora* is onsite and has deployed anchors in the following positions:

23° 47'.28 S 151° 10'.74 E  
23° 47'.40 S 151° 10'.62 E  
23° 47'.28 S 151° 10'.68 E  
23° 47'.34 S 151° 10'.62 E  
23° 47'.34 S 151° 10'.74 E  
23° 47'.40 S 151° 10'.68 E.

The barge will display the appropriate lights and shapes and will monitor VHF Ch 13 and Ch 15.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 244 - Aus 245**

#### **404(T)/2012 AUSTRALIA - QUEENSLAND - Fitzalan Passage - Light buoy off station**

Maritime Safety Queensland Notice 353(T)/2012 (AA594029)

The special light buoy, *Fl.Y.2-5s* (20° 18'.78 S 148° 56'.05 E), is off station.

#### **Chart temporarily affected - Aus 252 - Aus 253**

#### **414(T)/2012 AUSTRALIA - QUEENSLAND - Karumba - Light beacon withdrawn**

*Former Notice* - 123(T)/2012 is cancelled

Maritime Safety Queensland Notices 362(T)/2012 (AA594401)

No 3 light beacon (17° 25'.86 S 140° 43'.66 E) has been withdrawn; a starboard lateral light buoy, *Fl.G.4s*, exists in situ.

#### **Chart temporarily affected - Aus 6**

**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**

**606(T)/2012 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoys**

*Former Notice - 406(T)/2012 is cancelled*

*Date - Until 15 November 2012*

Australian Institute of Marine Science (AA603983, AA603998, AA603999), Maritime Safety Queensland Notice 606(T)/2012 (AA604440)

The isolated danger light buoy, *Fl(2)5s* (19° 18'.10 S 147° 37'.03 E), is off station.

A special pillar light buoy, *Fl.5s*, exists in position 19° 18'.26 S 147° 37'.19 E.

**Chart temporarily affected – Aus 826 – Aus 827**

**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**

**650(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Depth information**

*Former Notices - 819(T)/2011, 1027(T)/2011, 504(T)/2012 are cancelled*

Maritime Safety Queensland Notices 633(T)/2012, 634(T)/2012, 635(T)/2012 (AA606614 - AA606616)

Available depths as at 20 June 2012:

	<i>Metres</i>	<i>Remarks</i>
* Entrance Channel	14.8	Between No 4 beacon and the northern end.
	15.0	Seaward of beacon No 4.
HPS Berth No 1	16.5	
HPS Berth No 2	16.7	
* DBCT Berth No 1	17.7	
* DBCT Berth No 2	18.1	
DBCT Berth No 3	18.1	
* DBCT Berth No 4	17.9	
* 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 eastnortheast 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**

**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**

**697(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Aquarium Passage - Harbour works**

*Date - Until 10 August 2012*

Maritime Safety Queensland Notice 700(T)/2012 (AA611079)

Harbour works associated with the removal of mooring piles are in progress in the vicinity of position 27° 26'.42 S 153° 07'.52 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

**702(T)/2012 AUSTRALIA - QUEENSLAND - Magnetic Island - Picnic Bay to Florence Bay - Scientific instruments**

*Date - Until 10 July 2013*

Maritime Safety Queensland Notice 693(T)/2012 (AA610813)

Subsurface scientific instruments exist in the following positions:

- 19° 11'.15 S 146° 50'.30 E
- 19° 09'.26 S 146° 52'.16 E
- 19° 07'.28 S 146° 52'.95 E.

**Chart temporarily affected - Aus 256 - Aus 827**

**705(T)/2012 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Wreck**

*Former Notice - 1284(T)/2011 is cancelled*

Maritime Safety Queensland Notice 682(T)/2012 (AA610832)

A wreck marked by a special light buoy, *Fl. Y. 3s*, exists in position 16° 56'.84 S 145° 47'.07 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 263 - Aus 264**

**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**

**749(T)/2012 AUSTRALIA - QUEENSLAND - Taylor Point - Obstruction**  
Maritime Safety Queensland Notice 734(T)/2012 (AA612981)

An obstruction exists in position 16° 46'.45 S 145 42'.41 E.

**Chart temporarily affected – Aus 830 – AX 6027S**

**751(T)/2012 AUSTRALIA - QUEENSLAND - Cooktown - Depth information**  
*Former Notice - 412(T)/2012 is cancelled*  
Maritime Safety Queensland Notice 766(T)/2012 (AA613752)

Available depths as at 23 July 2012:

	<i>Metres</i>
Entrance Channel	1.5
* Inner Channel	2.3
* Public Wharf	2.0
Swing Basin	1.4

\* Indicates revised entry.

**Chart temporarily affected – Aus 270**

**756(T)/2012 AUSTRALIA - QUEENSLAND - Karumba - Depth information**  
*Former Notice - 654(T)/2012 is cancelled*  
Maritime Safety Queensland Notice 732(T)/2012 (AA612884)

Available depths as at 16 July 2012:

<i>Berth</i>	<i>Metres</i>
* Entrance Channel	3.6
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**

**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**

**858(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Shoaling**  
Maritime Safety Queensland Notice 886(T)/2012 (AA620069)

Shoaling, with a least depth of 8.4m, 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**



**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****860(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Harbour works**

*Former Notice* - 1034(T)/2011 is cancelled

*Date* - Until 31 August 2013

Maritime Safety Queensland Notices 946(T)/2011, 862(T)/2012 (AA559067, AA618449)

Barges *MB 2448* and *MB 2421* and support vessels *MT Fury* and split hopper dumb barges are conducting piling and dredging operations at berths 8 and 10 in areas 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,	
and	
19° 15'.15 S 146° 49'.85 E	
19° 15'.10 S 146° 49'.87 E	special light buoy, <i>Fl.Y.4s</i> .
19° 15'.07 S 146° 49'.88 E	special light buoy, <i>Fl.Y.4s</i> .
19° 15'.04 S 146° 49'.89 E	special light buoy, <i>Fl.Y.4s</i>
19° 15'.01 S 146° 49'.90 E	special light buoy, <i>Fl.Y.4s</i> .
19° 14'.98 S 146° 49'.91 E	special light buoy, <i>Fl.Y.4s</i> .
19° 14'.95 S 146° 49'.91 E	special light buoy, <i>Fl.Y.4s</i> .
19° 14'.94 S 146° 49'.88 E	special light buoy, <i>Fl.Y.4s</i> .
19° 14'.96 S 146° 49'.85 E	special light buoy, <i>Fl.Y.4s</i> .
19° 15'.01 S 146° 49'.84 E.	

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

During the works the berths are closed to shipping.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 257****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****864(T)/2012 AUSTRALIA - QUEENSLAND - Cairns - Depth information**

*Former Notice* - 810(T)/2012 is cancelled

Maritime Safety Queensland Notice 860(T)/2012 (AA618388)

Available depths as of 14 August 2012:

	<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	
Berths:		
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**

**865(P)/2012 AUSTRALIA - QUEENSLAND - Low Islets - AIS trial**

*Date* - On or about 14 December 2012

Aus coast Warning 213/2012 (AA616695), Australian Maritime Safety Authority ATH 7/2012 (AA618098)

A real AIS unit MMSI 995031046 has been attached to the light, *Fl. 10s 20m 17M* (16° 23'.05 S 145° 33'.59 E).

**Chart which will be affected - Aus 830 - Aus 831 - AX 6027S - Aus 4620 (INT 620) - AX 04620U**

**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**

**951(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys; light beacons removed**

*Date* - Until 31 March 2013

Maritime Safety Queensland Notice 988(T)/2012 (AA625733)

Light buoys exist in the following positions:

<i>Number</i>	<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
CB1	23° 49'.32 S 151° 15'.45 E	<i>Fl.G.4s</i>	Light beacon removed
CB2	23° 49'.29 S 151° 15'.09 E	<i>Fl.R.4s</i>	
CB3	23° 49'.15 S 151° 15'.23 E	<i>Fl.G.4s</i>	
CB4	23° 49'.11 S 151° 14'.85 E	<i>Fl.R.4s</i>	Light beacon removed
T3	23° 47'.97 S 151° 12'.81 E	<i>Fl.G.4s</i>	Light beacon removed
T4	23° 48'.12 S 151° 12'.87 E	<i>Fl.R.4s</i>	Light beacon removed.

**Chart temporarily affected - Aus 244 - Aus 245**

**952(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Mud Island - Dredging operations**

*Former Notice* - 920(T)/2011 is cancelled

*Date* - Until 2 November 2012

Maritime Safety Queensland Notice 943(T)/2012 (AA623234)

The dredge *Castor* is conducting dredging operations in the vicinity of position 23° 48'.43 S 151° 13'.16 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 245**

**1049(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations**

*Date* - Until 30 March 2013

Maritime Safety Queensland Notice 1080(T)/2012 (AA629958)

The dredge *Rotterdam* is conducting dredging operations between positions 23° 50'.0 S 151° 16'.0 E and 23° 45'.0 S 151° 10'.0 E.

The dredge will display appropriate lights and shapes and monitor VHF Ch 13, 15 and 16.

A 50m exclusion zone exists around the dredge.

Mariners are advised to navigate with caution in the area.

**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**

**1090(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Depth information**  
*Former Notice - 955(T)/2012 is cancelled*  
Maritime Safety Queensland Notice 1170(T)/2012 (AA633129)

Available depths as at 6 September 2012:

<i>Remarks</i>	<i>Metres</i>
* Entrance Channel	8.3
Swing Basin	8.5
Berth No 1	10.5
* Berth No 3	12.5
* Berth No 3 & 4 composite	12.3
* Berth No 4	10.4
* Berth No 5	12.0
* Indicates revised entry.	

**Chart temporarily affected - Aus 250**

**1138(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Wiggins Islands - Exclusion zone**  
*Date - Until 31 January 2014*  
Maritime Safety Queensland Notice 1173(T)/2012 (AA636658)

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'.64 S 151° 13'.81 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.

Special light buoys, *Fl. Y. 2.5s*, exists in the following positions:

23° 48'.77 S 151° 13'.78 E  
23° 48'.89 S 151° 13'.73 E  
23° 48'.97 S 151° 13'.66 E.

**Chart temporarily affected – Aus 245**

**1143(T)/2012 AUSTRALIA - QUEENSLAND - Cooktown - Light buoy off station**

Maritime Safety Queensland Notice 1209(T)/2012 (AA636673)

No1 starboard lateral light buoy, *Fl.G.2-5s* (15° 27'.21 S 145° 15'.34 E), is off station.

**Chart temporarily affected - Aus 270**

**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**

**1266(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Reach - Shoaling; exclusion zone; dredging operations**

*Former Notice* - 344(T)/2012 is cancelled

*Date* - Until 31 December 2012

Maritime Safety Queensland Notices 220(T)/2012, 293(T)/2012, 1296(T)/2012 (AA588167, AA591029, AA642015)

Due to shoaling an exclusion zone, marked by 10 special light buoys, *Q.Y*, exists in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
27° 25'.15 S 153° 08'.67 E	
27° 25'.13 S 153° 08'.59 E	port lateral light buoy, <i>Q.R</i>
27° 25'.20 S 153° 08'.52 E	port lateral light buoy, <i>Q.R</i>
27° 25'.28 S 153° 08'.55 E	

The dredge *Ken Harvey* is conducting dredging operations and remediation works in the area. Three water quality monitors exist close to shore adjacent to the worksite.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 237 – Aus 238**

**1270(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Fishermans Landing Wharves - Light buoy moved**

Maritime Safety Queensland Notice 1289(T)/2012 (AA641783)

The TSB7 special light buoy (23° 47'.02 S 151° 10'.38 E) has been temporarily moved to 23° 47'.17 S 151° 10'.33 E.

**Chart temporarily affected – Aus 244 – Aus 245**

**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**

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

Maritime Safety Queensland Notices 401(T)/2012, 8(T)/2013 (AA645391, AA645373)

Light buoys exist as follows:

<i>Number</i>	<i>Position</i>	<i>Characteristic</i>
CR1	23° 48'.64 S 151° 13'.81 E	<i>Fl.4s</i>
	23° 48'.77 S 151° 13'.78 E	<i>Fl.4s</i>
	23° 48'.84 S 151° 13'.80 E	<i>Fl.G.2-5s</i>
	23° 48'.89 S 151° 13'.73 E	<i>Fl.4s</i>
	23° 48'.97 S 151° 13'.66 E	<i>Fl.4s</i>
CR2	23° 48'.83 S 151° 13'.76 E	<i>Fl.R.2-5s</i>
CR3	23° 48'.93 S 151° 13'.73 E	<i>Fl.G.2-5s</i>
CR4	23° 49'.07 S 151° 13'.61 E	<i>Fl.R.2-5s</i>
CR5	23° 49'.21 S 151° 13'.22 E	<i>Fl.G.2-5s</i>
CR6	23° 49'.27 S 151° 13'.26 E	<i>Fl.R.2-5s.</i>

**Chart temporarily affected – Aus 244 – Aus 245**

**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**

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

*Former Notice - 1142(T)/2012 is cancelled*

Maritime Safety Queensland Notices 1187(T)/2012, 1330(T)/2012 (AA635583, AA644595)

Available depths as at 19 December 2012:

	<i>Metres</i>	<i>Remarks</i>
* Sea Channel	11.8	
* Platypus Channel	12.0	
Outer Harbour:		
* Arrival Channel	6.7	
* Departure Channel	10.8	
Inner Harbour:		
* Harbour	11.9	
Berths:		
* No 1	11.8	
No 2	12.0	(550 to 770 mark)
* No 2	11.6	(770 to 790 mark)

No 3	11.9	
* No 4	9.9	
* No 7	10.9	
* Between No 7 and No 8	10.6	Seaward of 0 mark at No 7
No 8	-	Works in progress
No 9	11.6	
Between No 9 and No 10	10.0	Seaward of 0 mark at No 10
No 10	-	Works in progress
* No 11	10.8	
Ross River Channel	2.0	Shoaling with least depth 1.2m exists at the southern and southeastern extremity of the Marine Precinct Turning Basin.
Ross River	-	No declared depth
Ross Creek	1.9	From Reef HQ to swing basin

\* Indicates revised entry.

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

#### **104(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information**

Former Notice - 1269(T)/2011 is cancelled

Maritime Safety Queensland Notice 32(T)/2012 (AA647220)

Available depths as at 15 January 2013:

	<i>Metres</i>
* Sea Reach	8.4
* Middle Reach	8.4
* Inner Reach	8.6
* Swing Basin	6.8
* Oil Berth	7.5
* BST Berth	10.0
* Deep draught departure channel	8.6

\* Indicates revised entry.

#### **Chart temporarily affected - Aus 242 - Aus 243**

#### **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**

#### **107(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Scientific instrument**

Date - Until 30 June 2013

Maritime Safety Queensland Notice 33(T)/2013 (AA647281)

A special light buoy, *Fl. Y. 3s*, exists in position 16° 54'.86 S 145° 47'.22 E.

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

#### **143(T)/2013 AUSTRALIA - QUEENSLAND - Gold Coast - The Broadwater - Nav aids destroyed or off station**

Maritime Safety Queensland Notice 88(T)/2013 (AA649225)

Nav aids in the Gold Coast Broadwater may be destroyed or off station and depths may not be consistent with charted information due to recent flooding.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 230**

**144(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information***Former Notice - 101(T)/2013 is cancelled*

Brisbane Port Corporation (AA651155), Maritime Safety Queensland Notice 1305(T)/2012 (AA643540)

Available depths and under keel clearances (UKC) at 7 February 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No11	13.7	
* Fisherman Islands No10	13.7	
* Fisherman Islands No9	13.5	
* Fisherman Islands No8	13.5	
* Fisherman Islands No7	13.2	
Fisherman Islands No6	13.9	
Fisherman Islands No5	14.0	
* Fisherman Islands No4	13.0	
* Fisherman Islands No3	12.5	
* Fisherman Islands No2	13.2	
* Fisherman Islands No1	13.2	
* Fisherman Islands Grain and Woodchip	12.8	
* Caltex Fisherman Islands	13.8	
* Fisherman Islands Coal	13.5	
Fisherman Islands General Purpose	11.6	
* BP Luggage Point	13.2	
* Caltex Products	9.8	
* Cement Australia Co Wharf	8.8	
BP Products	10.9	
* Shell	10.5	
* Pacific Terminals	10.5	
* Incitec North	9.9	
* Incitec South	9.2	
Pinkenba 1	10.5	
Pinkenba 2	10.5	
Riverside Marina	-	
Sugar Terminal	9.9	
Cairncross Fitting Out Wharf	8.3	
Cairncross Breasting Wharf	6.1	
Brisbane Naval Wharf	4.3	
* Maritime No1	9.1	
* Hamilton No4	9.1	
Hamilton No1	8.6	
* Brisbane Cruise Ship Terminal	9.1	

	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay:</i>		
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width) Shoaling least depth, 14.6m, exists in position 27° 02'.39 S 153° 15'.66 E.
East Knoll Bypass Channel	6.0	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5

*Brisbane River:*

* Outer Bar Cutting	13.9	1.46
* Inner Bar Cutting	13.3	1.46
* Fisherman Islands Swing Basin	13.3	1.3
* Pelican Banks Reach to Hamilton Reach	9.0	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
* Hamilton Swing Basin	8.8	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****145(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Nav aids destroyed or off station; depths**

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

Nav aids 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**

**148(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Margate - Nav aids destroyed or off station**  
Maritime Safety Queensland Notice 96(T)/2013 (AA649240)

The starboard light beacon, *Fl.G.6s* (27° 14'.50 S 153° 07'.40 E) has been destroyed.

The port buoy (27° 14'.96 S 153° 06'.86 E) is off station.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**149(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Nav aids destroyed or off station; depths**  
Maritime Safety Queensland Notice 80(T)/2013 (AA649223)

Nav aids 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**

**150(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Dredging operations**  
*Date - Until 1 May 2013*  
Maritime Safety Queensland Notice 112(T)/2013 (AA650407)

The dredge *Nabis* is conducting dredging operations between positions 26° 49'.26 S 153° 07'.35 E and 26° 50'.53 S 153° 06'.99 E.

A floating pipeline exists from the dredge to the adjacent shore.

The dredge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 235**

**151(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations**  
*Former Notice - 103(T)/2013 is cancelled*  
Maritime Safety Queensland Notices 113(T)/2013, 121(T)/2013 (AA650412, AA651161)

Shoaling, extending 235m southwest from the eastern breakwater, exists with a least depth of 1.8m in positions 26° 40'.77 S 153° 07'.94 E and 26° 40'.78 S 153° 07'.90 E.

A port lateral light buoy, *Fl.R.2.5s*, exists in position 26° 40'.81 S 153° 07'.80 E and marks the western edge of the shoal. Mariners with deep draught vessels should consider navigating south of this buoy during low tide as their approach into the river.

The dredge *Port Frederick* is conducting dredging operations in the entrance channel. A floating pipeline exists from the dredge to the western breakwater. The dredge will display appropriate lights and shapes and will monitor VHF Ch 12 and Ch 16.

Mariners are advised to keep at least 30m clear from the seaward end of the eastern breakwater due to obstructions and to navigate with caution in the area.

**Chart temporarily affected - Aus 235**

**152(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Nav aids destroyed or off station; depths**  
Maritime Safety Queensland Notice 97(T)/2013 (AA649700)

Nav aids in the Burnett River may be destroyed or off station due to recent flooding.

The Port of Bundaberg is closed to all commercial shipping and is closed to all vessels during the hours of darkness.

Depths may not be consistent with charted information.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242**



**153(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Facing Island - Light buoy off station**  
Maritime Safety Queensland Notice 89(T)/2013 (AA649241)

The special light buoy, Q.Y (23° 50'.00 S 151° 25'.71 E), is off station.

**Chart temporarily affected - Aus 819**

**155(T)/2013 AUSTRALIA - QUEENSLAND - Port Alma - Nav aids destroyed or off station; depths**  
Maritime Safety Queensland Notice 91(T)/2013 (AA649242)

Nav aids in Port Alma may be destroyed or off station due to recent flooding.

Depths may not be consistent with charted information.

The port is closed to all commercial shipping.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 247 - Aus 265**

**156(T)/2013 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Light destroyed; light structure damaged**  
Maritime Safety Queensland Notice 115(T)/2013 (AA650916)

The light, *Fl.R.2s* (23° 09'.54 S 150° 47'.33 E), has been destroyed.

The light structure, *Fl.G.6s* (23° 09'.54 S 150° 47'.11 E), has been damaged.

**Chart temporarily affected - Aus 247 - Aus 819 - Aus 820 - AX 00367S - AX 00820S**

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

*Former Notice* - 900(T)/2012 is cancelled

*Date* - Until 28 March 2013

Maritime Safety Queensland Notice 104(T)/2013 (AA650419)

Diving operations are in progress in the vicinity of berth No1 at the DBCT (21° 15'.01 S 149° 18'.36 E).

MV *Shadows* is onsite 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 249 - Aus 250 - AX 00249S**

**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**

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

Maritime Safety Queensland Notice 77(T)/2013 (AA649213)

The north cardinal light beacon, Q (20° 17'.53 S 149° 03'.35 E), has been destroyed.

**Chart temporarily affected - Aus 252 - Aus 253**

**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**

**162(P)/2013 AUSTRALIA - QUEENSLAND - Rib Reef - Racon to be established**

*Date* - On or about 9 February 2013

Australian Maritime Safety Authority Preliminary ATH 1/2013 (AA648928)

A racon, morse C, will be established in position 18° 28'.66 S 146° 52'.75 E.

**Chart which will be affected - Aus 828**

**163(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations**

*Date* - Until 23 February 2013

Maritime Safety Queensland Notice 102(T)/2013 (AA649557)

The dredge *Wilunga* is conducting dredging operations in the vicinity of berths No8 (16° 55'.91 S 145° 46'.79 E), No10 (16° 56'.04 S 145° 46'.77 E) and No11 (16° 56'.17 S 145° 46'.77 E).

All hazards to navigation will be marked by special light buoys.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 263 - Aus 264**

**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**

## NORTHERN TERRITORY

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

*Former Notice* - 671(T)/2008 is cancelled  
Modex 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**

### **160(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Cape Wessels - Wreck westnorthwestward**

*Former Notice* - 617(T)/2011 is cancelled  
HMAS *Melville* (AA539627, AA539628)

A partially submerged 25m fishing vessel is moored in position 10° 41'.56 S 135° 43'.08 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 306 - AX 0306F**

### **758(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Dredging operations**

*Date* - **Until 6 April 2013**

Darwin Port Corporation Notices 75(T)/2012, 77(T)/2012 (AA614132, AA614138)

The dredge *Eastern Aurora* is conducting dredging operations in the vicinity of position 12° 29'.64 S 130° 53'.38 E.

A pipeline exists from the dredge to the shoreline (12° 29'.39 S 130° 53'.48 E) and will be marked by buoys and lights, Q.Y.

A special light buoy, Q.Y, exists in position 12° 30'.23 S 130° 52'.72 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 26 – Aus 28 – AX 72026**

### **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**

### **867(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point to Walker Shoal - Diving operations**

*Date* - Until 26 October 2012

Darwin Port Corporation Notice 94(T)/2012 (AA619924)

Diving operations are in progress between Blaydin Point (12° 30'.55 S 130° 55'.30 E) and Walker Shoal (12° 29'.46 S 130° 52'.39 E).

Dive vessels will display appropriate shapes and will monitor VHF Ch 10, Ch 16 and Ch 71. A 250m safety zone exists around the vessels.

Dive sites will be marked by special light buoys, Q.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 26 - Aus 28 - 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**

**1095(T)/2012 AUSTRALIA - Darwin - Channel Island to Blaydin Point - Scientific instruments**  
Date - Until 31 January 2013  
Darwin Port Corporation Notice 152(T)/2012 (AA634978)

Light buoys, *Fl. Y. 3s*, exist in the following positions:

12° 32'.88 S 130° 50'.75 E  
12° 29'.84 S 130° 52'.42 E  
12° 30'.63 S 130° 54'.00 E  
12° 29'.79 S 130° 55'.18 E.

**Chart temporarily affected - Aus 26 - Aus 27 - Aus 28 - AX 72026**

**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 72309 - AX 72722 - AX 00309U**

**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**

**1149(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Blaydin Point - Harbour works; dredging operations**

*Former Notice* - 1005(T)/2012 is cancelled

*Date* - Until 31 January 2014

Darwin Port Corporation Notice 149(T)/2012 (AA635212)

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

12° 30'.56 S 130° 55'.28 E  
12° 30'.29 S 130° 55'.63 E  
12° 30'.62 S 130° 55'.90 E  
12° 31'.02 S 130° 55'.99 E  
12° 31'.13 S 130° 55'.74 E.

The causeway is marked at the extremities by Q. Y lights.

The dredges *Athena*, *Hippopotames*, *Baldur*, *Queen of the Netherlands* and *Simpson* and barges *Cornelius Lely*, *Pieter Caland*, *Le Sphinx* and *L'Toile* are 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.

A floating pipeline marked by special lights is exists from the dredge *Athena* to the dredge *Queens of the Netherlands*.

A 250m radius safety zone exists around all vessels. An exclusion zone exists within the area of the works and dredging operations.

Mariners are advised to navigate with caution in the area.

**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, <i>Fl. G.5s</i>
11° 49'.87 S 130° 36'.69 E	starboard lateral light buoy, <i>Fl. G.5s</i>
11° 48'.90 S 130° 38'.08 E	starboard lateral light buoy, <i>Fl. G.5s</i>
11° 48'.00 S 130° 39'.06 E	port lateral light buoy, <i>Fl. R.5s</i>

11° 46'.35 S 130° 39'.99 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 46'.01 S 130° 39'.88 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 44'.22 S 130° 37'.69 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 43'.85 S 130° 36'.08 E	starboard lateral light buoy, <i>Fl.G.5s</i>
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, <i>Fl.G.5s</i> .

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

**62(T)/2013 AUSTRALIA - TIMOR SEA - The Boxers - Seismic survey**

*Date* - Until 15 March 2013

Fugro Multi Client Services Pty Ltd (AA644898 - AA644899)

MV *Geo Atlantic*, with a 6000m towed array, and support vessel *Cassandra VI* are conducting a survey in the area bounded by the following positions:

11° 54'.84 S 127° 41'.63 E
11° 34'.35 S 127° 41'.39 E
11° 25'.00 S 127° 57'.37 E
11° 59'.52 S 128° 19'.83 E
12° 12'.85 S 128° 19'.83 E
12° 12'.85 S 128° 12'.10 E
12° 06'.52 S 128° 07'.46 E
12° 05'.39 S 127° 48'.32 E.

**Chart temporarily affected – Aus 309 – Aus 315 – Aus 4721 (INT 721) – AX 00309T – AX 00309U – AX 00315U – AX 04721U**

**108(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Bing Bong - Dredging operations**

*Date* - Until 30 April 2013

Hall Contracting Pty Ltd (AA647398)

The dredge *Warraber* and support vessel *Bula* are conducting dredging operations in the harbour and entrance channel (15° 37'.65 S 136° 23'.35 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 13**

**168(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Light beacon unlit**

Darwin Port Corporation Notice 18(T)/2013 (AA650923)

The light beacon, *F.Bu.11m 6M* & *Q.Bu.3M* (12° 29'.80 S 130° 53'.19 E), is unlit.

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

## 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 0334S – AX 0754S – AX 0755S – 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**

### 722(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Depth information

*Former Notice* - 1080(T)/2009 is cancelled

Port Hedland Port Authority Notice 5/2010 (AA477996)

Available depths as at 31 March 2010:

<i>Berth</i>	<i>Metres</i>
PHPA berth 1	12.0
PHPA berth 2	11.2
PHPA berth 3	12.2
BHP Billiton Nelson Point berth A	18.0
* BHP Billiton Nelson Point berth B	17.5
BHP Billiton Finucane Island berth C	17.9
* BHP Billiton Finucane Island berth D	19.2
Anderson Point berth 1	19.1
* Anderson Point berth 2	19.7
* Indicates revised entry.	

**Chart temporarily affected - Aus 52 - Aus 54**

### 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 0755S – AX 66002**

**382(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Scientific instrument**  
MetOcean Engineers (AA524835)

A subsurface scientific instrument exists in position 13° 56'.34 S 123° 16'.66 E.

**Chart temporarily affected - Aus 319 - Aus 320 - AX 0319F**

**622(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments northwards**

*Former Notice* - 577(T)/2011 is cancelled

*Date* - Until 30 November 2011

MetOcean Engineers, UKHO (AA536573, AA539590)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
19° 49'.29 S 115° 38'.17 E	5 poly floats
19° 49'.35 S 115° 38'.07 E	lit buoy, <i>Fl(5)Y.20s</i>

**Chart temporarily affected – Aus 327 – Aus 328**

**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**

**941(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Scientific instruments westwards**

*Former Notice* - 574(T)/2011 is cancelled

*Date* - Until 31 May 2012

MetOcean Engineers (AA552557)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 19° 34'.97S 116° 28'.48E and 19° 35'.05S 116° 28'.47E.

**Chart temporarily affected - Aus 327 - Aus 741**

**944(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Owen Anchorage - Harbour works**

*Former Notice* - 778(T)/2011 is cancelled

*Date* - Until 31 March 2012

Department of Transport WA Notice 108/2011 (AA553618)

Works associated with the construction of Port Coogee Marina are in progress (32° 06'.00 S 115° 45'.55 E).

An exclusion zone is marked by a silt curtain and special light buoys, *Q.Y*.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 117 - AX 70117**

**126(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instrument**

*Date* - Until 30 April 2012

Department of Transport WA Notice 13/2012 (AA5782621)

A special light buoy, *Fl(5)Y.20s*, exist in position 20° 34'.28 S 117° 11'.38 E.

**Chart temporarily affected – Aus 55 – Aus 56**



**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

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

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**

**360(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments**

*Former Notice* - 139(T)/2010 is cancelled

*Date* - Until 30 April 2012

Chevron Australia Pty Ltd (AA590476)

Scientific instruments marked by special light buoys, *F(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 742 - Aus 743**

**362(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Scientific instruments**

*Former Notice* - 436(T)/2011 is cancelled

*Date* - Until 31 May 2012

MetOcean Engineers (AA586402)

Subsurface scientific instruments exist in positions 20° 14'.21 S 113° 53'.59 E and 20° 23'.61 S 114° 03'.90 E.

**Chart temporarily affected - Aus 328 - Aus 329**

**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)

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**

**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**

**524(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Harbour works**

*Date* - Until 14 December 2012

Department of Transport WA Notice 50/2012 (AA598648, AA598649)

Harbour works associated with the extension of jetty 2 (32° 03'.79 S 115° 44'.77 E) are in progress Fishing Boat Harbour.

An exclusion zone is marked special light buoys, Q.Y.

Barges and a support vessel are on site and will display appropriate lights and monitor VHF Ch 16. Anchors deployed by the vessels will be marked by buoys.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 113**

**619(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Locker Island to Murion Island - Pipeline**

*Date* - Until 15 December 2012

BHP Billiton (AA604285, AA604286)

*DB30*, dredge *Baldur* and support vessels *MV Statum* and *MV Ocean Spirit* are conducting pipe laying operations between the following positions:

21° 34'.37 S 114° 11'.79 E	21° 33'.04 S 114° 16'.05 E
21° 32'.19 S 114° 23'.43 E	21° 32'.78 S 114° 32'.03 E
21° 34'.18 S 114° 34'.09 E	21° 35'.28 S 114° 34'.47 E
21° 39'.59 S 114° 38'.33 E	21° 40'.63 S 114° 45'.30 E
21° 42'.31 S 114° 47'.65 E	21° 42'.96 S 114° 48'.42 E
21° 43'.64 S 114° 49'.47 E	21° 44'.32 S 114° 50'.77 E.

All vessels will display appropriate lights and monitor VHF Ch 16.

A 1000m exclusion zone exists either side of the pipeline route.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 328 – Aus 329 – Aus 743 – Aus 744**

**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**

**712(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Scientific instruments**

*Former Notice* - 255(T)/2012 is cancelled

*Date* - Until 31 March 2013

MetOcean Engineers (AA609181)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
17° 31'.31 S 122° 07'.48 E	5 poly floats
17° 31'.19 S 122° 07'.51 E	<i>Fl(5)Y.20s</i>

17° 31'.22 S 122° 07'.65 E *Fl(5)Y.20s.*

**Chart temporarily affected - Aus 324**

**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**

**714(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Scientific instrument northwestwards**

Department of Transport WA Notice 148/2011 (AA610844), F Lawrence (AA610845, AA610846)

A special conical light buoy, Q, exists in position 20° 43'.71 S 116° 08'.77 E.

**Chart temporarily affected - Aus 327 - Aus 742**

**765(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Mary Anne Group to Ashbuton Road - Scientific instruments**

*Former Notice* - 473(T)/2012 is cancelled

*Date* - Until 16 July 2013

Department of Transport WA Notices 42(T)/2012, 69(T)/2012 (AA596300, AA613722)

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

21° 19'.59 S 115° 23'.48 E	21° 19'.69 S 115° 09'.41 E
21° 31'.78 S 115° 05'.32 E	21° 31'.81 S 115° 05'.33 E
21° 31'.81 S 114° 46'.23 E	21° 32'.53 S 115° 03'.14 E
21° 32'.55 S 115° 03'.15 E	21° 32'.62 S 115° 02'.87 E
21° 32'.65 S 115° 02'.88 E	21° 32'.68 S 115° 02'.71 E
21° 32'.69 S 115° 02'.36 E	21° 32'.70 S 115° 02'.72 E
21° 32'.71 S 115° 02'.37 E	21° 32'.73 S 115° 02'.20 E
21° 32'.76 S 115° 02'.21 E	21° 32'.81 S 115° 01'.92 E
21° 32'.82 S 115° 04'.61 E	21° 32'.84 S 115° 01'.93 E
21° 33'.43 S 114° 59'.70 E	21° 33'.46 S 114° 59'.71 E
21° 34'.01 S 115° 00'.98 E	21° 34'.15 S 115° 03'.42 E
21° 35'.80 S 115° 01'.56 E	21° 35'.86 S 115° 01'.37 E
21° 35'.87 S 115° 01'.57 E	21° 35'.90 S 115° 01'.40 E
21° 35'.92 S 115° 01'.06 E	21° 35'.96 S 115° 01'.10 E
21° 36'.49 S 114° 58'.85 E	21° 36'.55 S 114° 58'.85 E
21° 37'.87 S 114° 41'.40 E	21° 38'.93 S 114° 55'.54 E
21° 39'.09 S 114° 53'.98 E	21° 43'.09 S 114° 46'.22 E.

**Chart temporarily affected – Aus 63 – Aus 64 – Aus 743 – Aus 744**

**917(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands to Barrow Island - Lit mooring buoys**

*Former Notice* - 390(T)/2011 is cancelled

Chevron Australia Pty Ltd (AA622588 - AA622594)

Lit yellow mooring buoys, *Fl. Y.10s*, exist in positions (WGS84 datum):

21° 05'.94 S 115° 30'.83 E	21° 02'.44 S 115° 29'.06 E
20° 57'.75 S 115° 28'.07 E	20° 54'.09 S 115° 27'.74 E
20° 51'.62 S 115° 31'.96 E	20° 51'.56 S 115° 29'.54 E
20° 49'.85 S 115° 30'.40 E	20° 47'.36 S 115° 30'.34 E
20° 47'.01 S 115° 29'.80 E	20° 44'.16 S 115° 29'.06 E
20° 44'.00 S 115° 29'.16 E	20° 33'.34 S 115° 34'.33 E
20° 30'.47 S 115° 33'.86 E.	

**Chart temporarily affected – Aus 61 – Aus 62 – Aus 63 – Aus 742 – Aus 743**

**1006(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Cape Londonderry - Scientific instruments northeastwards**

*Former Notice* - 1098(T)/2011 is cancelled

MetOcean Engineers (AA627920)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
13° 07'.66 S 128° 11'.59 E	subsurface
12° 56'.11 S 128° 23'.90 E	subsurface
12° 48'.03 S 128° 25'.46 E	<i>Fl(5)Y.20s</i>

12° 47'.66 S 128° 25'.83 E      *FI(5)Y.20s*  
12° 47'.64 S 128° 25'.06 E      subsurface  
12° 47'.26 S 128° 25'.43 E      *FI(5)Y.20s.*

**Chart temporarily affected - Aus 315 - Aus 318 - AX 00315U**

**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, *FI(5)Y.20s*, exists in position 13° 43'.39 S 122° 15'.83 E.

**Chart temporarily affected – Aus 322 – AX 00322U**

**1054(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Drill rig northwards**

Australian Maritime Safety Authority Auscoast Warning 263/2012 (AA629387)

Drill rig *Nan Hai 6* is conducting drilling operations in position 19° 17'.57 S 116° 45'.82 E.

**Chart temporarily affected – Aus 327 – Aus 741**

**1056(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig southwestwards**

*Former Notice* - 1010(T)/2012 is cancelled

Australian Maritime Safety Authority Auscoast Warning 265/2012 (AA629880)

Drill rig *Noble Clyde Boudreaux* is conducting drilling operations in position 22° 05'.20 S 113° 10'.85 E.

**Chart temporarily affected – Aus 329 – Aus 4723 (INT 723) – Aus 4725 (INT 725) – AX 04723U**

**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**

**1058(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Leschenault Estuary - Shoaling; dredging operations**

Department of Transport WA Notice 94/2012 (AA630312 - AA630316, AA630477)

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

Dredging operations are in progress in the area.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 115**

**1059(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Port Geographe - Dredging operations**

*Date* - Until 31 December 2012

Department of Transport WA Notice 96/2012 (AA630752)

The dredge *Cooper II* is conducting dredging operations in the entrance channel to the marina (33° 37'.79 S 115° 23'.24 E).

A floating pipeline marked by special light buoys is exists from the dredge to position 38° 37'.40 S 115° 23'.73 E where the spoil will be deposited.

The dredge will display appropriate lights and shapes and will monitor VHF Ch 12, UHF Ch 15 or Marine 27 MHz Ch 90.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 116**

**1101(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline**

*Former Notice* - 614(T)/2012 is cancelled

*Date* - Until 31 January 2013

Department of Transport WA Notice 61/2012 (AA633199)

SPV *Java Constructor* and support vessels are conducting pipe laying operations between the following positions:

20° 48'.29 S 115° 29'.12 E  
20° 49'.09 S 115° 28'.88 E  
20° 49'.76 S 115° 28'.99 E  
20° 51'.93 S 115° 28'.73 E  
20° 53'.71 S 115° 30'.36 E  
21° 05'.40 S 115° 42'.21 E  
21° 10'.47 S 115° 49'.49 E  
21° 11'.58 S 115° 50'.64 E.

All vessels will display appropriate lights and monitor VHF Ch 16.

An anchor marked by a special light buoy, *Fl. Y.2s*, exists in positions 20° 48'.54 S 115° 29'.05 E and 20° 48'.07 S 115° 29'.18 E.

Mariners are advised to navigate with caution in the area.

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

**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**

**1106(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Kwinana - Mooring buoy**

*Date* - Until 30 April 2013

Fremantle Ports Notice 9(T)/2012 (AA631021)

A lit yellow mooring buoy, *Fl. Y.3s*, exists in position 32° 12'.70S 115° 45'.87E.

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

**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**

**1151(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seringapatam Reef - Drill rig**

*Former Notice* - 358(T)/2012 is cancelled

Australian Maritime Safety Authority Aus coast Warning 284/2012 (AA636553)

Drill rig *Transocean Legend* is conducting drilling operations in position 13° 44'.71 S 122° 07'.38 E.

**Chart temporarily affected - Aus 322 - Aus 4722(INT722) - AX 00322U - AX 04722U**

**1155(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - James Price Patches to Cary Patch - Scientific instruments**

*Former Notice* - 819(T)/2012 is cancelled

*Date* - Until 31 December 2012

Department of Transport WA Notice 72/2012 (AA637084), Woodside Energy Ltd (AA637083)

Scientific instruments marked by special buoys exist in positions:

17° 30'.96 S 122° 03'.01 E  
17° 44'.80 S 122° 11'.22 E  
17° 40'.20 S 122° 10'.74 E.

**Chart temporarily affected - Aus 324**

**1157(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Light beacons removed**

*Former Notice* - 1100(T)/2012 is cancelled

Dampier Port Authority Notice 24/2012 (AA632984)

The following light beacons have been removed for refurbishment; special light buoys exist in situ:

<i>Name</i>	<i>Position</i>	<i>Light buoy characteristic</i>
No 11A	20° 33'.76 S 116° 44'.15 E	<i>Fl. Y. 3s</i>
No 12A	20° 34'.32 S 116° 44'.81 E	<i>Fl(2) Y. 5s</i>
No 13A	20° 34'.73 S 116° 45'.30 E	<i>Fl. Y. 3s.</i>

**Chart temporarily affected - Aus 58 - Aus 59**

**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**

**1219(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Scientific instruments northwards**

*Former Notice* - 363(T)/2012 is cancelled

*Date* - Until 15 December 2013

Fugro Survey Pty Ltd (AA639313, AA639314, AA639534)

A special light buoy, *Fl(5) Y. 20s*, exists in position 20° 12'.55 S 113° 51'.40 E and a subsurface scientific instrument, 70m below the

surface, exists in position 20° 12'.54 S 113° 50'.33 E.

**Chart temporarily affected – Aus 328 – Aus 329**

**1220(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Perth - Scientific instruments westwards**

*Former Notice* - 792(T)/2009 is cancelled

*Date* - Until 20 December 2013

CSIRO (AA639564)

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° 42'.50 S 115° 01'.90 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.

**Chart temporarily affected – Aus 334 – Aus 754 – AX 00334S – AX 00754S – AX A0754S**

**1221(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Light altered; pilot boarding place repositioned**

*Date* - Until 1 March 2013

Albany Port Authority Notice 1(P)/2012, 2(P)/2012 (AA639450, AA639453)

The light (35° 02'.1 S 117° 55'.1 E) has been temporarily altered to *Iso.WRG.2s 42m 11M & Fl.3s 9M* with light sectors red 298.5° - 296° (2.5°) white 296° - 292° (4°) green 292° - 289.5° (2.5°).

The pilot boarding place (35° 03'.23 S 117° 58'.48 E) has been temporarily repositioned to 35° 04'.00 S 118° 00'.00 E.

**Chart temporarily affected – Aus 109 – Aus 110 – Aus 118 – Aus 759 – AX 00110S – AX 00118S**

**1288(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards**

*Former Notice* - 818(T)/2012 is cancelled

Australian Maritime Safety Authority Auscoast Warning 314/2012 (AA642826)

Drill rig *Jack Bates* is conducting drilling operations in position 13° 24'.93 S 123° 18'.21 E.

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

**1291(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Depth information**

*Former Notice* - 913(T)/2012 is cancelled

Dampier Port Authority Notice 29/2012 (AA641675)

Available depths as at 20 November 2012:

	<i>Metres</i>	<i>Remarks</i>
East Intercourse Island	19.1	
East Intercourse Island Layby berth	19.4	
Parker Point berth 2	18.7	
Parker Point berth 3	18.8	
Parker Point berth 4	19.5	
Parker Point berth 5	19.4	
* 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	
Dampier Cargo Wharf		9.0 Western side
Facilities Channel	9.0	Between positions 20° 36'.52 S 116° 44'.63 E and 20° 36'.74 S 116° 44'.90 E.

\*Indicates new or revised entry.

**Chart temporarily affected – Aus 58 – Aus 59 – Aus 60**

**1293(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig**

*Former Notice* - 1156(T)/2012 is cancelled

*Date* - Until 31 January 2013

Apache Energy Ltd (AA642593)

Drill rig *ENSCO 104* is conducting drilling operations in position 20° 24'.86 S 115° 43'.81 E.

**Chart temporarily affected – Aus 62 – Aus 742**

**1294(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards**

*Former Notice* - 1012(T)/2012 is cancelled

Australian Maritime Safety Authority Auscoast Warning 308/2012 (AA642257)

Drill rig *Deepwater Frontier* is conducting drilling operations in position 19° 47'.59 S 114° 38'.93 E.

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

**1295(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northeastwards**

*Former Notice* - 1011(T)/2012 is cancelled

*Date* - Until 12 March 2013

Australian Maritime Safety Authority Auscoast Warning 312/2012 (AA642565), MODU *Ocean America* (AA642548)

Drill rig *Ocean America* is conducting drilling operations in position 20° 43'.31 S 114° 36'.55 E.

Mariners are advised to navigate with caution in the area.

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

**1297(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Drill rig**

*Former Notice* - 1102(T)/2012 is cancelled

Australian Maritime Safety Authority Auscoast Warning 300/2012 (AA641353), Chevron Australia Pty Ltd (AA642250)

Drill rig *Atwood Osprey* is conducting drilling operations in position 19° 46'.85 S 112° 48'.79 E.

**Chart temporarily affected – Aus 4708 (INT 708) – Aus 4723 (INT 723) – AX 04708U – AX 04723U**

**1301(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments**

*Former Notice* - 1103(T)/2012 is cancelled

*Date* - Until 31 December 2013

MetOcean Engineers (AA642627)

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

21° 22'.08 S 114° 50'.93 E  
21° 31'.75 S 115° 01'.82 E  
21° 35'.00 S 115° 01'.28 E  
21° 39'.27 S 115° 00'.04 E  
21° 39'.29 S 115° 00'.09 E.

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

**1302(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Kwinana - Drilling operations**

*Date* - Until 31 January 2013

Fremantle Ports Notice 14(T)/2012 (AA641801)

Jack-up barge *Sealift 2* and support vessels are conducting drilling operations between Stirling Channel (32° 12'.29 S 115° 44'.87 E), Kwinana Bulk Terminal berth No1 (32° 12'.48 S 115° 45'.27 E) and Kwinana Bulk Terminal berth No2 (32° 12'.65 S 115° 45'.65 E).

The barge will display appropriate lights and will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 114 – Aus 117 – AX 00117T**

**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**

**65(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seismic survey eastwards**

*Date* - Until 10 March 2013

Fugro Multi Client Services Pty Ltd (AA645451 - AA645452)

MV *Geo Caspian* with a 6500m towed array and support vessels MV *Guard Merlin* and MV *Northern Odyssey* are conducting a survey in the area bounded by the following positions:

14° 16'.0 S 122° 23'.0 E

14° 16'.0 S 123° 11'.0 E

13° 31'.0 S 123° 11'.0 E

13° 31'.0 S 122° 23'.0 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**

**67(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwestwards**

*Date* - Until 20 January 2013

MODU *Atwood Eagle* (AA644862)

Drill rig *Atwood Eagle* is conducting drilling operations in position 19° 33'.98 S 116° 00'.22 E.

**Chart temporarily affected – Aus 327**

**68(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument**

*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**

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

*Date* - Until 31 March 2014

Department of Transport WA Notice 129/2012 (AA644896)

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 positions:

20° 47'.48 S 115° 28'.07 E

20° 47'.48 S 115° 29'.04 E

20° 48'.40 S 115° 30'.55 E

20° 50'.19 S 115° 30'.53 E

20° 50'.17 S 115° 28'.82 E

20° 48'.95 S 115° 28'.84 E

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.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 62 – Aus 327 – Aus 328 – Aus 742 – Aus 743**

**71(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey northwestwards**

*Date* - Until 23 February 2013

Australian Maritime Safety Authority Auscoast Warning 324/2012 (AA644548), Fugro Survey Pty Ltd (AA645435)

SPV *Fugro Synergy* with an AUV in company is conducting a survey in the area bounded by the following positions:

20° 11'.3 S 114° 04'.3 E

20° 11'.3 S 115° 11'.3 E

19° 30'.0 S 115° 11'.3 E

19° 30'.0 S 114° 04'.3 E.

**Chart temporarily affected – Aus 328 – Aus 329 – Aus 742 – Aus 4723 (INT 723) – AX 04723U**

**72(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Boat Harbour - Harbour works**

Date - Until 15 May 2013

Department of Transport WA Notice 144/2012 (AA643610)

Works associated with the construction of floating mooring pens are in progress in the vicinity of position 21° 57'.41 S 114° 08'.39 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 72****110(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northeastwards**

Date - Until 31 May 2013

Woodside Energy Ltd (AA646183 - AA646186)

SV *Polarcus Alima* with a 6000m towed array and support vessels *Sealink 161*, *Limitless* and *Empress* are conducting a survey in the area bounded by the following positions:

18° 44'.13 S 118° 03'.33 E  
19° 05'.50 S 118° 25'.21 E  
19° 14'.41 S 118° 29'.38 E  
19° 50'.88 S 117° 01'.96 E  
19° 41'.93 S 116° 57'.85 E  
19° 29'.69 S 117° 27'.47 E  
19° 20'.89 S 117° 16'.14 E  
19° 07'.60 S 117° 19'.07 E  
18° 59'.48 S 117° 26'.66 E.

**Chart temporarily affected - Aus 326 - Aus 327 - Aus 739 - Aus 741 - Aus 4722 (INT 722) - AX 04722U****111(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Lambert - Light beacons to be established**

Date - On or about 15 June 2013

Department of Transport WA Notice 140/2012 (AA644892)

Light beacons exist as follows:

Number	Position	Characteristic	Remarks
27	20° 33'.78 S 117° 12'.68 E	Fl.G.3s	To be repositioned
29	20° 33'.94 S 117° 12'.41 E	Fl.G.3s	To be repositioned
31	20° 33'.96 S 117° 11'.63 E	Fl.G.3s	
32	20° 34'.60 S 117° 11'.08 E	Fl.G.3s	
33	20° 34'.58 S 117° 10'.80 E	Fl.G.3s	
34	20° 34'.73 S 117° 10'.66 E	Fl.G.3s	
35	20° 34'.87 S 117° 10'.51 E	F.Bu	Leading lights bearing 253°
36	20° 34'.88 S 117° 10'.46 E	F.Bu	
37	20° 35'.00 S 117° 10'.66 E	Fl.G.3s	
38	20° 35'.29 S 117° 10'.59 E	F.Bu	Leading lights bearing 221°
39	20° 35'.33 S 117° 10'.56 E	F.Bu	
40	20° 35'.35 S 117° 10'.67 E	F.Bu	Leading lights bearing 229°
41	20° 35'.40 S 117° 10'.60 E	F.Bu	
	20° 35'.43 S 117° 10'.09 E	Fl.R.3s	
	20° 35'.50 S 117° 10'.06 E	Fl.G.3s	
	20° 35'.64 S 117° 10'.06 E	Fl.G.3s	
	20° 35'.68 S 117° 10'.10 E	Fl.G.3s	
	20° 35'.68 S 117° 10'.14 E	Fl.G.3s	
	20° 35'.50 S 117° 10'.09 E	Fl.R.3s	
	20° 35'.62 S 117° 10'.09 E	Fl.R.3s	
	20° 35'.65 S 117° 10'.12 E	Fl.R.3s	
	20° 35'.62 S 117° 10'.19 E	Fl.Y.3s.	

**Chart which will be affected - Aus 55 - Aus 56****112(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Boiler Rock to Parker Point - Scientific instruments**

Date - Until 31 May 2012

Dampier Port Authority Notice 2/2013 (AA647455)

Light buoys, Fl.3s, exist in the following positions:

20° 35'.09 S 116° 40'.50 E  
20° 36'.78 S 116° 45'.06 E  
20° 38'.20 S 116° 43'.97 E.

**Chart temporarily affected - Aus 57 - Aus 58 - Aus 59 - Aus 60**

**116(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Ashburton Road to Moresby 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**

**117(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Seismic survey northwestwards**

*Date* - Until 23 February 2013

Apache Energy Ltd (AA642006, AA642007)

SV *Ramform Explorer* and support vessels *Nautika Pride* and *No Limit* are conducting a survey in the area bounded by the following positions:

21° 09'.58 S 114° 01'.30 E  
21° 26'.09 S 114° 18'.23 E  
21° 32'.18 S 114° 11'.53 E  
21° 29'.19 S 114° 02'.72 E  
21° 18'.42 S 113° 51'.45 E.

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

**118(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Gascoyne River - Obstruction**

*Date* - Until 30 April 2013

Department of Transport Notice 24/2013 (AA647367)

A stranded excavator, marked by a light *Fl(2)5s*, exists in position 24° 54'.47 S 113° 38'.62 E.

**Chart temporarily affected - Aus 73**

**169(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Drilling operations**

*Date* - Until 22 February 2013

Port Hedland Port Authority Notice 1/2013 (AA650774)

Jack-up barge *Ocean Driller* is conducting drilling operations in an area bounded by the following positions:

20° 19'.88 S 118° 34'.98 E  
20° 19'.85 S 118° 35'.10 E  
20° 19'.90 S 118° 35'.21 E  
20° 20'.17 S 118° 35'.23 E  
20° 20'.38 S 118° 35'.17 E  
20° 20'.18 S 118° 34'.86 E.

A 50m exclusion zone exists around the barge.

The barge will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 54**

**170(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwestwards**

*Former Notice* - 1289(T)/2012 is cancelled

Australian Maritime Safety Authority Aus coast Warning 22/2013 (AA648664)

Drill rig *ENSCO 109* is conducting drilling operations in position 20° 07'.60 S 116° 26'.14 E.

**Chart temporarily affected - Aus 327 - Aus 741 - Aus 742**

**171(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Offshore infrastructure northwestwards**  
NOPSEMA (AA639400), Santos Ltd (AA648915 - AA648918)

Wells, with a 500m radius safety zone, will be established in positions 19° 14'.65 S 116° 47'.73 E and 19° 18'.29 S 116° 45'.55 E.

Pipelines are being laid in an area bounded by the following positions:

19° 13'.64 S 116° 49'.15 E  
19° 19'.61 S 116° 46'.29 E  
19° 17'.15 S 116° 35'.16 E  
19° 14'.44 S 116° 38'.02 E.

**Chart temporarily affected - Aus 327 - Aus 741 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - AX 04722U - AX 04723U**

**175(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Anchorage**

*Former Notice* - 1088(T)/2010 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 742**

**176(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Seismic survey**

*Former Notice* - 114(T)/2013 is cancelled

*Date* - Until 22 February 2013

Seabird Exploration FZ-LLC (AA650914)

SV *Aquila Explorer* is conducting a survey running lines between:

SOL	EOL
20° 49'.55 S 114° 07'.44 E	15° 40'.37 S 113° 02'.49 E
19° 46'.74 S 112° 50'.40 E	19° 52'.81 S 112° 28'.99 E
19° 59'.79 S 111° 36'.08 E	21° 24'.95 S 114° 16'.95 E
16° 37'.16 S 115° 37'.09 E	17° 04'.03 S 118° 53'.76 E
16° 31'.13 S 117° 57'.02 E	19° 31'.50 S 120° 12'.45 E.

**Chart temporarily affected - Aus 326 - Aus 327 - Aus 328 - Aus 329 - Aus 740 - Aus 741 - Aus 744 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04722U - AX 04723U**

**177(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - False Island - Wreck**

*Former Notice* - 115(T)/2013 is cancelled

Department of Transport WA 29/2013 (AA650865)

A stranded wreck exists in position 21° 21'.0 S 115° 30'.0 E.

An exclusion zone exists in an area bounded by the following positions:

21° 20'.50 S 115° 29'.50 E  
21° 20'.60 S 115° 31'.35 E  
21° 21'.60 S 115° 31'.35 E  
21° 21'.50 S 115° 29'.50 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 327 - Aus 328 - Aus 743**

**178(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Drill rig northwestwards**

*Former Notice* - 1218(T)/2012 is cancelled

*Date* - Until 13 February 2013

Australian Maritime Safety Authority Aus coast Warning 27/2013 (AA649374), MODU *Atwood Falcon* (AA649373)

Drill rig *Atwood Falcon* is conducting drilling operations in position 21° 20'.20 S 114° 04'.94 E.

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



## 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**

### **129(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Rapid Bay - Light buoy off station northwestwards**

Department of Planning, Transport and Infrastructure SA Notice 4/2012 (AA578839)

The light buoy, *Fl(2)10s*, (35° 28'.82 S 138° 09'.42 E), is off station.

#### **Chart temporarily affected – Aus 780**

### **769(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Depth information**

*Former Notice - 525(T)/2012 is cancelled*

Department of Planning, Transport and Infrastructure SA Notices 13/2012, 20/2012 (AA598632, AA613629)

Available depths as at 16 July 2012:

<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
* Inner Harbor M	10.3
* Indicates new entry	

#### **Chart temporarily affected – Aus 137**

### **825(P)/2012 AUSTRALIA - SOUTH AUSTRALIA - Tungketta Reef - Wave energy barge**

*Date - On or about 24 August 2012*

Department of Planning, Transport and Infrastructure SA Notice 22/2012 (AA616028), Waverider Energy (AA617103, AA617104)

A wave energy barge, lit *F.3M*, will be established in position 33° 44'.96 S 134° 59'.94 E.

#### Chart which will be affected – Aus 342

#### 1222(P)/2012 AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln to Proper Bay - Nav aids to be altered

Date - On or about 15 January 2013

Department of Planning, Transport and Infrastructure SA Notice 34/2012 (AA638420)

Nav aids will be altered as follows:

Name	Position	New Characteristic
No6	34° 41'.91 S 135° 52'.74 E	Fl.R.2s
Proper Bay Entrance	34° 45'.12 S 135° 53'.87 E	Q.R
Point Fanny	34° 43'.98 S 135° 55'.73 E	Fl.1.5s 8m 4M.

#### Chart which will be affected – Aus 133 – Aus 134 – Aus 343 – Aus 485 – Aus 776 – AX 00343S – AX 00776S

#### 1223(P)/2012 AUSTRALIA - SOUTH AUSTRALIA - Franklin Harbor - Nav aids

Date - On or about 31 January 2013

Department of Planning, Transport and Infrastructure SA Notice 35/2012 (AA638421)

Nav aid upgrade works are in progress in Franklin Harbor (33° 43'.0 S 136° 57'.5 E)

Mariners are advised to navigate with caution in the area.

#### Chart which will be affected – Aus 777

#### 1225(P)/2012 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Light beacons to be altered

Date - On or about 15 January 2013

Department of Planning, Transport and Infrastructure SA Notice 34/2012 (AA638420)

Light beacons will be altered as follows:

Name	Position	New Characteristic
No1	34° 47'.62 S 138° 27'.18 E	F.Bu & Fl.4s
No2	34° 47'.33 S 138° 27'.96 E	F.Bu 7m & Q.5m
No11	34° 47'.58 S 138° 26'.64 E	Fl.G.2s
No14	34° 46'.79 S 138° 28'.64 E	Q.R
No15	34° 47'.50 S 138° 27'.45 E	F.Bu & Fl.G.2s
No16	34° 46'.53 S 138° 28'.70 E	Fl.R.2s
No18A	34° 46'.18 S 138° 29'.02 E	Fl.R.2s
No18B	34° 46'.06 S 138° 29'.04 E	Fl.R.2s
No18C	34° 45'.96 S 138° 29'.12 E	Q.R
No24	34° 45'.62 S 138° 30'.07 E	Q.R
No26	34° 45'.62 S 138° 30'.36 E	Fl.R.2s
No27	34° 45'.72 S 138° 30'.31 E	Fl.G.2s
No28	34° 45'.66 S 138° 30'.57 E	Q.R
No30	34° 45'.88 S 138° 30'.96 E	Fl.R.2s
No31	34° 45'.95 S 138° 30'.86 E	Fl.G.2s
No32	34° 46'.13 S 138° 31'.11 E	F.Bu & Q.R
No34	34° 46'.42 S 138° 31'.11 E	Fl.R.2s
No35	34° 46'.42 S 138° 30'.99 E	Fl.G.2s
No36	34° 47'.07 S 138° 30'.95 E	Fl.R.2s
No37	34° 46'.68 S 138° 30'.92 E	Fl.G.2s
No38	34° 47'.66 S 138° 30'.81 E	Fl.R.2s
No39	34° 47'.40 S 138° 30'.76 E	Q.G
No41	34° 48'.52 S 138° 30'.76 E	Fl.G.2s
No42	34° 48'.52 S 138° 30'.87 E	Fl.R.2s
No44	34° 48'.87 S 138° 30'.88 E	F.Bu & Fl.R.2s.

#### Chart which will be affected – Aus 130 – Aus 137 – Aus 138

#### 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)





## 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 Regional Channels Authority (AA490300, AA490301), Victorian Notice 31(T)/2005, 104(T)/2005 (AA131863, AA203894)

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.

A 8.1m shoal exists in position 38° 07'.336 S 144° 33'.131 E.

**Chart temporarily affected - Aus 153 - Aus 157**

### **1100(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Princes Pier - Harbour works**

*Former Notice - 223(T)/2008 is cancelled*

*Date - Until 30 June 2011*

Victorian Notice 94(T)/2010 (AA496795)

Harbour works associated with the redevelopment of Princes Pier (37°50'.70S 144°55'.54 E) are in progress.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154 - Aus 155**

### **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**

### **1354(T)/2010 AUSTRALIA - VICTORIA - Corner Inlet - Shoaling**

*Former Notice - 1213(T)/2008 is cancelled*

Victorian Notice 128(T)/2008 (AA368471)

Shoaling exists along the northern bank of the main entrance in the vicinity of position 38° 50'.9 S 146° 34'.8 E (WGS84 datum).

Mariners are advised to navigate along the Lighthouse Point directional light centreline of 277° when transiting the area.

**Chart temporarily affected - Aus 181 - Aus 802**

**448(T)/2011 AUSTRALIA - BASS STRAIT - Platforms; pipeline**

*Former Notice* - 1424(T)/2010 is cancelled

*Date* - Until 31 July 2012

McDermott Australia Pty Ltd (AA527057)

*DB30, Emerald Sea, Miclyn Endurance* and support vessels are conducting works to platforms and pipelines in the area bounded by 38° 11'.0 S to 38° 15'.0 S and 148° 00'.0 E to 148° 36'.0. Vessels are advised not to enter the area and a 2M safety zone exists around the vessels involved in the works.

Vessels can be contacted on VHF Ch 16.

**Chart temporarily affected - Aus 357 - Aus 487**

**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**

**991(T)/2011 AUSTRALIA - VICTORIA - Port Campbell - Lights unlit**

*Date* - Until 18 October 2011

Victorian Notice 113(T)/2011 (AA556905)

The lights, *Q.Bu.7m 4M* (38° 37'.27 S 142° 59'.48E) and *Iso.Bu.4s 12m 4M* (38° 37'.19 S 142° 59'.60E) are unlit.

**Chart temporarily affected – Aus 141**

**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**

**82(T)/2012 AUSTRALIA - VICTORIA - Port Albert - Shoaling**

*Former Notice* - 800(T)/2009 is cancelled  
Victorian Notice 157(T)/2011 (AA575145)

Shoaling exists between positions 38° 45'.13 S 146° 42'.66 E and 38° 44'.73 S 146° 40'.32 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 181 – Aus 182**

**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**

**365(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Point Nepean - Wreck**

*MV Lady Cheryl*, Victorian Notices 66(T)/2012, 69(T)/2012 (AA590836, AA592525, AA592526)

A wreck marked by a special light buoy, *VQ(3)Y.5s*, exists in position 38° 17'.90 S 144° 39'.25 E.

A 50m exclusion zone exists around the wreck and vessels involved in the salvage operations.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 144 - Aus 158**

**479(T)/2012 AUSTRALIA - VICTORIA - Toora Channel - Light beacon destroyed; light buoy established**

Victorian Notice 85(T)/2012 (AA596048)

The No15 light beacon (38° 42'.47 S 146° 21'.45 E) has been destroyed; a unlit starboard buoy, exists in situ.

**Chart temporarily affected – Aus 181**

**572(T)/2012 AUSTRALIA - VICTORIA - Otway Basin - Drilling operations**

*Date* - Until 31 March 2013

*Former Notice* - 212(T)/2012 is cancelled

Origin Energy (AA600494)

MODU *Stena Clyde* is conducting drilling operations in position 39° 06'.50 S 142° 57'.10 E. A 500m safety zone and 2.5M cautionary zone exist around the vessel.

The vessel will display AIS and Racon (D).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 349 – Aus 787**

**579(T)/2012 AUSTRALIA - VICTORIA – Barry Beach - 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**

**826(T)/2012 AUSTRALIA - VICTORIA - Cape Duquesne to Port Campbell - Scientific instruments**

Former Notice - 128(T)/2011 is cancelled

Date - Until 31 January 2013

Cardno (AA617026)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 38° 21'.75 S 141° 14'.47 E and 38° 43'.06 S 142° 46'.79 E.

**Chart temporarily affected – Aus 348 – Aus 349 – Aus 787**

**1063(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling**

Former Notice - 963(T)/2012 is cancelled

Victorian Notice 141(T)/2012 (AA630248)

Virtual AIS exist as follows:

<i>Identification message</i>	<i>Position</i>
TB1	38° 18'.11 S 144° 43'.86 E
TB2	38° 18'.22 S 144° 44'.39 E.

Shoaling with a least depth of 15.2m exists in the vicinity and north of the virtual buoys. Deep draught vessels should pass to the south of the buoys.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 144 – Aus 158**

**1064(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works**

Date - Until 17 November 2012

Victorian Notice 135(T)/2012 (AA630011)

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.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 154**

**1229(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Wilson Spit - Light beacon destroyed**

Victorian Notice 170/2012 (AA640540)

The starboard light beacon, *Fl.G.3s* (38° 06'.68 S 144° 30'.98 E), has been destroyed; a starboard light buoy, *Fl.G.3s*, exists in situ.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected – Aus 157**

##### **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**

##### **77(T)/2013 AUSTRALIA - VICTORIA - The Narrows - San Remo - Shoaling**

Victorian Notice 191(T)/2012 (AA644540)

Shoaling with a least depth of *-0.1m* exists at the jetty in position 38° 31'.22 S 145° 21'.89 E.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected – Aus 150**

##### **121(T)/2013 AUSTRALIA - BASS STRAIT - Seismic survey**

*Date* - Until 14 February 2013

SeaBird Exploration FZ LLC (AA645681)

SV *Voyager Explorer*, with a 6000m towed array, is conducting a survey in the area bounded by the following positions:

38° 41'.6 S 143° 57'.8 E  
38° 43'.2 S 144° 30'.2 E  
38° 51'.2 S 144° 30'.2 E  
38° 50'.5 S 143° 57'.8 E.

#### **Chart temporarily affected - Aus 349 - Aus 487 - Aus 788**

##### **180(T)/2013 AUSTRALIA - VICTORIA - St Kilda - Harbour works**

*Date* - Until 30 October 2013

Victorian Notice 19(T)/2013 (AA649627)

Works associated with the development of a northern and southern breakwater and installation of piles 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 construction zone exist in the following positions:

37° 51'.91 S 144° 58'.01 E  
37° 51'.90 S 144° 57'.93 E  
37° 51'.85 S 144° 57'.86 E  
37° 51'.83 S 144° 57'.84 E  
37° 51'.80 S 144° 57'.88 E  
37° 51'.70 S 144° 57'.86 E  
37° 51'.66 S 144° 57'.76 E  
37° 51'.64 S 144° 57'.74 E  
37° 51'.64 S 144° 57'.86 E  
37° 51'.64 S 144° 57'.94 E  
37° 51'.66 S 144° 57'.95 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**

**181(T)/2013 AUSTRALIA - VICTORIA - Kilcunda - Works**

*Date* - Until 31 March 2013

Victorian Notice 21/2013 (AA650437)

Works associated with the desalination plant are in progress within a 500m radius of position 38° 35'.95 S 145° 30'.63 E. The area is marked by four special light buoys, *Fl. Y.2s*.

**Chart temporarily affected - Aus 150 - Aus 801**

## 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**

### 130(T)/2012 AUSTRALIA - TASMANIA - Wynyard - Harbour works

Date - Until 31 May 2012

Marine and Safety Tasmania Notice M7/2011 (AA578071)

Works associated with the demolition and reconstruction of the wharf (40° 59'.27 S 145° 44'.00 E) are in progress.

Mariners are advised to navigate to the north of the three special light buoys, Q.Y, established at the work site and to navigate with caution in the area.

## Chart temporarily affected – Aus 178

### 175(T)/2012 AUSTRALIA - TASMAN SEA - Tasman Basin - Light buoy withdrawn

Former Notice - 84(T)/2012 is cancelled

Australian Bureau of Meteorology (AA581659)

The light buoy, *Fl.Y.2s*, (44° 51'.0 S 161° 44'.0 E), has been temporarily withdrawn.

## Chart temporarily affected - Aus 4601 (INT 601)

### 526(T)/2012 AUSTRALIA - TASMANIA - River Derwent - Tranmere Point - Scientific instrument

Date - Until 30 June 2013

Marine and Safety Tasmania Notice 48/2012

A scientific instrument marked by a special conical buoy exist in position, 42° 55'.40 S 147° 24'.57 E.

## Chart temporarily affected – Aus 171 – Aus 796

### 527(T)/2012 AUSTRALIA - TASMANIA - Launceston - Pile driving

Date - Until 9 July 2012

Marine and Safety Tasmania Notice 51/2012 (AA598382)

A pile driving barge is currently operating in North Esk River (41° 26'.02 S 147° 07'.77 E).

Mariners are advised to navigate with caution in the area.

## Chart temporarily affected – Aus 168

### 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:

Position	Characteristic
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

### 1061(T)/2012 AUSTRALIA - TASMANIA - River Derwent - Risdon Cove - Buoy

Date - Until 1 April 2013

Marine and Safety Tasmania Notice 81/2012 (AA629996)

An orange buoy exists in position 42° 49'.11 S 147° 18'.83 E.

## Chart temporarily affected – Aus 172

### 1062(T)/2012 AUSTRALIA - TASMANIA - Cape Barren Island - Scientific instruments

Date - Until 30 November 2013

Marine and Safety Tasmania Notice 95/2012 (AA630000)

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**

**1110(T)/2012 AUSTRALIA - TASMANIA - Sugarloaf Rock to De Witt Island - Scientific instruments**

*Date - Until 31 January 2013*

Marine and Safety Tasmania Notice M95-12 (AA632287 - AA632290)

Scientific instruments marked by orange buoys exist in the following positions:

43° 35'.73 S 146° 23'.60 E	43° 27'.50 S 145° 57'.90 E
43° 35'.70 S 146° 23'.70 E	43° 27'.48 S 145° 57'.98 E
43° 35'.55 S 146° 24'.11 E	43° 26'.72 S 145° 56'.32 E
43° 35'.52 S 146° 24'.22 E	43° 26'.71 S 145° 56'.42 E
43° 39'.03 S 146° 26'.08 E	43° 27'.60 S 145° 54'.59 E
43° 37'.08 S 146° 26'.21 E	43° 28'.26 S 145° 54'.59 E
43° 38'.99 S 146° 26'.45 E	43° 28'.26 S 145° 55'.13 E
43° 39'.02 S 146° 26'.58 E	43° 28'.19 S 145° 55'.24 E

**Chart temporarily affected - Aus 793 - Aus 794**

**1228(T)/2012 AUSTRALIA - TASMANIA - Dorman Point - Scientific instrument**

*Former Notice - 419(T)/2012 is cancelled*

*Date - Until 30 April 2013*

Marine and Safety Tasmania Notice 44/2012 (AA593987, AA640514)

A scientific instrument marked by special conical buoy exists in position 42° 54'.00 S 147° 44'.49 E

**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**

## 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**

### **283(T)/2011 AUSTRALIA - South Fiji - Light buoy withdrawn**

*Former Notice* - 134(T)/2011 is cancelled

Australian Bureau of Meteorology (AA521187)

The light buoy, *Fl. Y.2s* (26° 04'.0 S 176° 00'.0 E), has been temporarily withdrawn.

**Chart temporarily affected – Aus 4602 (INT 602)**

### **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**

### **983(T)/2011 PAPUA NEW GUINEA - Gulf of Papua - Racon**

National Maritime Safety Authority PNG Notice 36/2011 (AA557392)

The racon (8° 03'.86 S 144° 33'.63 E) is temporarily discontinued.

**Chart temporarily affected – Aus 378 – Aus 502 – Aus 4620 (INT 620) – Aus 4622 (INT 622) – AX 4620F**

### **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
Takanupe 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)**

**564(T)/2012 PAPUA NEW GUINEA - Bounganville Island - Buka passage - Wrecks**  
National Maritime Safety Authority PNG Notice 25(T)/2012 (AA600496)

Stranded wrecks exist in the following positions

5° 26'.8 S 154° 39'.4 E  
5° 26'.9 S 154° 39'.0 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 684**

**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>
R1	9° 17'.90 S 146° 55'.75 E	<i>Fl.R.3s</i>	
R3	9° 18'.10 S 146° 57'.26 E	<i>Fl.R.3s</i>	
R5	9° 18'.43 S 146° 58'.35 E	<i>Q.R</i>	
R7	9° 19'.12 S 146° 58'.78 E	<i>Fl.R.3s</i>	
R9	9° 19'.62 S 146° 58'.94 E	<i>Fl.R.3s</i>	
G2	9° 18'.31 S 146° 55'.72 E	<i>Fl.G.3s</i>	
G4	9° 18'.54 S 146° 57'.25 E	<i>Fl.G.3s</i>	
G6	9° 18'.82 S 146° 58'.10 E	<i>Fl.G.3s</i>	
G8	9° 19'.34 S 146° 58'.45 E	<i>Fl.G.3s</i>	
G10	9° 19'.76 S 146° 58'.57 E	<i>Fl.G.3s</i>	
Y11	9° 20'.07 S 146° 59'.10 E	<i>Fl.Y.3s</i>	special buoy
Y12	9° 20'.15 S 146° 58'.64 E	<i>Fl.Y.3s</i>	special buoy
TB1	9° 20'.40 S 146° 58'.72 E	<i>Q.Y</i>	special buoy
TB2	9° 20'.71 S 146° 59'.01 E	<i>Q.Y</i>	special buoy
RL1	9° 18'.58 S 146° 59'.47 E	<i>Iso.4s</i>	
RL2	9° 17'.98 S 146° 58'.19 E	<i>F.Bu</i>	
FL1	9° 18'.54 S 146° 59'.16 E	<i>Q</i>	
FL2	9° 18'.05 S 146° 58'.21 E	<i>F.Bu</i>	

**Chart which will be affected – Aus 379**

**873(T)/2012 PACIFIC OCEAN - Scientific instruments**

*Former Notice - 829(T)/2012 is cancelled*

JAMSTEC (AA620015, AA620016)

Scientific instruments, Triton buoys, exist as follows:

<i>Number</i>	<i>Position</i>
4	0° 00'.97 S 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 S 147° 00'.68 E.

**Chart temporarily affected - Aus 399 - Aus 4622 (INT 622)**

**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:

<i>Position</i>	<i>Remarks</i>
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**

**1285(P)/2012 PAPUA NEW GUINEA - Karkar Island - Light beacon established**

National Maritime Safety Authority PNG (AA641752 - AA641754)

A starboard lateral light beacon, *Fl.G.4s*, exists in position 4° 31'.70 S 146° 00'.82 E.

**Chart which will be affected – Aus 388**

**57(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Goaribari Island to Boera - Cable laying operations**

*Date* - Until 28 February 2013

National Maritime Safety Authority Notice 1/2013 (AA645989)

Vessel *Ile de Re* is laying a cable adjacent to the gas pipeline between the following positions;

8° 09'.09 S 144° 31'.09 E  
8° 07'.02 S 145° 16'.09 E  
8° 25'.01 S 146° 08'.57 E  
9° 04'.24 S 146° 35'.83 E  
9° 12'.39 S 146° 48'.32 E  
9° 18'.50 S 146° 53'.16 E  
9° 19'.87 S 147° 00'.16 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 378 – Aus 379 – Aus 502**

**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**

**165(T)/2013 PAPUA NEW GUINEA - Daia Point - Light unlit**

National Maritime Safety Authority PNG Notice 3(T)/2013 (AA649248)

The light, *Fl.6s 19m 10M* (8° 59'.50 S 149° 08'.31 E), is unlit.

**Chart temporarily affected - Aus 520 - Aus 4620 (INT 620) - Aus 4621 (INT 621) - AX 04620U - AX 04621U**

**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)**

**EAST TIMOR**

NIL

## MISCELLANEOUS

**966(T)/2012    AUSTRALIA - Summer time**  
Australian Government (AA624904)

Clocks will be advanced one hour at 0200 local time on 7 OCT 2012 and retarded one hour on 7 APR 2013 in the Australian Capital Territory, New South Wales, South Australia, Victoria and Tasmania.

No changes will be made in Queensland, Northern Territory and Western Australia.