

**TEMPORARY AND PRELIMINARY NOTICES**  
**In force on 20 September 2013**

**NEW SOUTH WALES**

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

Port Kembla Port Corporation Notice 2/2011 (AA528983)

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

**Chart temporarily affected - Aus 194 - Aus 195**

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

Port Kembla Port Corporation Notice 9/2011 (AA551936)

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

34° 28'.18 S 150° 54'.15 E

34° 28'.15 S 150° 54'.27 E

34° 28'.47 S 150° 54'.33 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 194 - Aus 195**

**299(T)/2013 AUSTRALIA - NEW SOUTH WALES - Clarence River - North Channel - Harbour works; Scientific instrument recovered**

*Former Notice - 1263(T)/2012 is cancelled*

Port of Clarence River (Yamba) Notice 5(T)/2013, 6(T)013 (AA657852, AA657854)

Jack up barge *Sea Lift No 1* and support vessels *Cavanbah* and *Sea Punt 4* are conducting piling operations in the vicinity of 29° 25'.38 S 153° 21'.21 E.

A no wash zone exists around the works.

Vessels will display appropriate lights and shapes and will monitor VHF Ch 10 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 222**

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

*Former Notice - 1132(T)/2012 is cancelled*

Sydney Ports Notice 9/2013 (AA664448)

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

A silt curtain exists within the boundary of the buoys.

An exclusion zone exists within the area.

Mariners are advised to navigate with caution in the area.

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

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

*Former Notice - 335(T)/2013 is cancelled*

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

Available depths as at 18 April 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Inner Harbour	15.1	
North West Basin	11.2	
101	11.4	Maximum transit draft 12m
102	15.7	

103	12.0	
104	15.4	
105	14.8	
106	13.6	
107	12.0	
108	-	Future Development
109	11.7	
110	10.7	(9.0)
111	15.2	
112	12.8	Maximum transit draft 13.6m
113	11.2	(9.5) West of 7m chainage
	10.5	East of 7m chainage to eastern end of berthing box
201	10.4	To 250m
201	10.2	To 280m
201	10.1	To 330m
202	10.5	To 205m mx LOA 180m
202	10.2	To 205m mx LOA 195m
202	10.0	To 210m
203	9.7	
204	4.2	
205	6.8	
206	11.0	

\* Indicates revised entry.

#### Chart temporarily affected - Aus 194

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

*Former Notice* - 1318(T)/2010 is cancelled

NSW Maritime (AA506509)

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

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

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

*Former Notice* - 748(T)/2011 is cancelled

*Date* - Until 30 June 2015

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

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

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

34° 01'.59 S 151° 30'.08 E.

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

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

*Former Notice - 750(T)/2011 is cancelled*

*Date - Until 30 June 2015*

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

Subsurface scientific instruments exist in positions:

33° 48'.03 S 151° 18'.03 E

33° 47'.98 S 151° 17'.65 E

33° 47'.99 S 151° 17'.73 E

33° 47'.92 S 151° 17'.61 E

33° 47'.93 S 151° 17'.69 E.

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

**902(T)/2013 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Depth information**

Sydney Ports Corporation (AA691471, AA691472)

Available depths as at 20 August 2013:

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

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

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

*Former Notice - 812(T)/2013 is cancelled*

Newcastle Port Corporation (AA693940)

Available depths as at 3 September 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Eastern Basin 1	11.5	
Eastern Basin 2 North of Ch 450	11.6	
* Eastern Basin 2 South of Ch 450	11.5	
Western Basin 3	11.6	
Western Basin 4	11.6	
Channel Berth	9.7	
Dyke 1	12.6	
Dyke 2	12.3	
* Dyke 4	16.5	
* Dyke 5	16.4	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.8	
BHP Wharf 6 to Ch 1050	7.3	
Kooragang 2	11.4	
Kooragang 2 North Dolphin Ch 182 to 243	11.4	
Kooragang 2 South Dolphin Ch -92 to 00	11.1	
Kooragang 3 Ch -40 to 00	11.8	
Kooragang 3 Ch 00 to 220	13.3	

* Kooragang 4	16.5	
Kooragang 5	16.5	
Kooragang 6	16.2	
Kooragang 7	16.2	
Kooragang 8	16.0	
Kooragang 9	15.9	
Kooragang 10	16.3	
Throsby 1	8.4	
Carrington Wharf		To be sounded as and when required
Foreshore Park Berth	5.9	
Elgo Wharf		To be sounded as and when required
<b>Channels</b>		
Entrance Approach	17.7	
Entrance Channel (18.0m)	18.0	
Entrance Channel (17.4m)	17.4	
Entrance Channel (16.8m)	16.8	
Entrance Channel (16.2m)	16.2	
Entrance Channel to Horseshoe	15.2	
Horseshoe	15.0	
Steelworks Channel to Swinging Basin	15.0	
Swinging Basin	15.0	
Hunter River South Arm (Kooragang 6 to buoy 16)	15.0	
Hunter River South Arm (buoy 16 to buoy 20)	15.0	
Basin Cutting	12.6	
Basin Area to Eastern & Western Basin Berths	12.3	
Basin Area to 1 Throsby	9.4	
Stockton Crossing	3.6	
* Indicates new or revised entry.		

#### Chart temporarily affected - Aus 207 - Aus 208

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

Available depths as at 20 August 2013:

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

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

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

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

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

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

#### 968(T)/2013 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Exclusion zone; light Date - Until 4 October 2013 Department of Defence (AA695054), Australian Maritime Safety Authority (AA696652)

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

35° 07'.40 S 150° 42'.24 E

35° 07'.13 S 150° 42'.28 E

35° 06'.30 S 150° 43'.30 E

35° 06'.00 S 150° 44'.00 E

35° 06'.80 S 150° 44'.80 E

35° 07'.80 S 150° 44'.70 E

35° 07'.95 S 150° 44'.89 E.

The EZ will be enforced in accordance with the legislative authority of the *Control of Naval Waters Act 1918* and the *Control of Naval Waters Regulations 1922*.

The old Point Perpendicular light will be relit, with a range of 26M, between 27 September and 4 October 2013.

**Chart temporarily affected - Aus 193 - Aus 807 - Aus 808 - AX 00193T - AX 00808S - AX 67192 - AXA 0193T**

## QUEENSLAND

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

*Former Notice* - 649(T)/2008 is cancelled

*Date* - Until 31 December 2008

Maritime Safety Queensland Notice 389/2008 (AA345287)

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

**Chart temporarily affected - Aus 235 - Aus 236**

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

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

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

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

20° 16'.070 S 148° 42'.400 E

20° 16'.070 S 148° 42'.402 E

20° 16'.056 S 148° 42'.401 E

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

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

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

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

**Chart temporarily affected - Aus 257**

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

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

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

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

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

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

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

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

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

*Former Notice* - 382(T)/2010 is cancelled

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

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

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

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

*Former Notice* - 511(T)/2010 is cancelled

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

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

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

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

*Former Notice* - 329(T)/2009 is cancelled

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

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

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

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

*Former Notice* - 446(T)/2010 is cancelled

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

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

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

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

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

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

**Chart temporarily affected - Aus 254**

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

*Former Notice* - 315(T)/2011 is cancelled

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

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

23° 45'.0 S 151° 09'.8 E

23° 45'.0 S 151° 10'.0 E

23° 46'.4 S 151° 10'.4 E

23° 46'.4 S 151° 10'.0 E.

Mooring buoys exist within the area.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 245**

**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**

Maritime Safety Queensland Notice 376(T)/2011 (AA531285)

Subsurface scientific instruments exist in positions:

23° 45'.91 S 151° 10'.93 E

23° 45'.81 S 151° 11'.11 E

23° 45'.33 S 151° 10'.48 E

23° 45'.23 S 151° 10'.66 E

23° 42'.44 S 151° 08'.84 E

23° 42'.34 S 151° 09'.05 E  
23° 41'.39 S 151° 08'.20 E  
23° 41'.29 S 151° 08'.41 E.

**Chart temporarily affected - Aus 245 - Aus 819**

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

*Former Notice* - 465(T)/2011 is cancelled

*Date* - Until 21 July 2011

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

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

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

Nav aids exist as follows:

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

Works to remove temporary lit piles adjacent to the channel in Hays Inlet (27° 15'.82 S 153° 04'.70 E) are in progress. The channel will be closed to traffic until 21 July 2011.

Mariners should navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**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**

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

Available depths as at 29 July 2011:

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

\* Indicates revised entry.

**Chart temporarily affected - Aus 258**

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

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

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

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

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

*Former Notice - 114(T)/2008 is cancelled*

*Date - Until 30 June 2013*

Australian Institute of Marine Science (AA546309)

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

**Chart temporarily affected - Aus 826 - Aus 827**

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

Maritime Safety Queensland Notice 871/2011 (AA556300)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

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

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

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

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

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

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

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

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

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

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

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

20° 15'.87 S 148° 42'.60 E

20° 15'.88 S 148° 42'.60 E

20° 15'.87 S 148° 42'.56 E.

**Chart temporarily affected - Aus 268**

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

*Date* - Until 30 June 2012

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

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

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

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

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

Available depths as at 2 January 2012:

	<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**

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 818**

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

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

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

**Chart temporarily affected - Aus 236**

**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**

**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**

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

*Former Notice* - 695(T)/2012 is cancelled

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 230**

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

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

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

**Chart temporarily affected - Aus 236**

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

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

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

**Chart temporarily affected - Aus 246 - Aus 819**

**801(T)/2012 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Light beacon destroyed**  
Maritime Safety Queensland Notice 829(T)/2012 (AA616820)

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

**Chart temporarily affected - Aus 240 - Aus 241**

**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**

**862(T)/2012 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Nav aids**  
*Former Notice - 204(T)/2012 is cancelled*  
Maritime Safety Queensland (AA616388)

The light beacon *Fl.R.2.5s* (18° 28'.26 S 146° 13'.01 E) has been destroyed and light buoy *Q.G* (18° 30'.19 S 146° 18'.73 E) is off station.

**Chart temporarily affected - Aus 259 - Aus 267**

**950(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys**  
*Former Notice - 609(T)/2011 is cancelled*  
Maritime Safety Queensland Notice 945(T)/2012 (AA624547)

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

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

**951(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys**  
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	Fl.G.4s	Light beacon removed
CB2	23° 49'.29 S 151° 15'.09 E	Fl.R.4s	
CB3	23° 49'.15 S 151° 15'.23 E	Fl.G.4s	
CB4	23° 49'.11 S 151° 14'.85 E	Fl.R.4s	Light beacon removed
T3	23° 47'.97 S 151° 12'.81 E	Fl.G.4s	Light beacon removed
T4	23° 48'.12 S 151° 12'.87 E	Fl.R.4s	Light beacon removed.

**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**

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**

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

Former Notice - 417(T)/2011 is cancelled

Date - Until 15 June 2014

Maritime Safety Queensland (AA639719)

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

Former Notice - 1036(T)/2011 is cancelled

Date - Until 5 November 2013

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

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

**Chart temporarily affected - Aus 256**

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

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

*Former Notice - 463(T)/2012 is cancelled*

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

Available depths as at 6 December 2012:

	<i>Metres</i>
*Outer Channel	1.4
Inner Channel	2.1
Boat ramp to marina	1.9

\*Indicates revised entry.

**Chart temporarily affected - Aus 270**

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 818**

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

*Former Notice - 459(T)/2012 is cancelled*

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

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

**Chart temporarily affected - Aus 251 - Aus 824**

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

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

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

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

**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**

**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**

**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**

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

*Former Notice* - 857(T)/2012 is cancelled

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

The port lateral light beacon, *Fl.R.2.5s* (21° 09'.00 S 149° 13'.18 E), has been destroyed.

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

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

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

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

**Chart temporarily affected - Aus 259**

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

*Former Notice* - 1002(T)/2012 is cancelled

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

Available depths as at 1 February 2013:

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

\*Indicates revised entry

**Chart temporarily affected - Aus 4**

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

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

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

**Chart temporarily affected - Aus 241 - Aus 817**

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

*Former Notice* - 348(T)/2012 is cancelled

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

Available depths as at 12 February 2013:

	<i>Metres</i>
<i>Sea Channels:</i>	
Wild Cattle Cutting	16.1
* Boyne Island Cutting	16.3
Boyne Island Extension Channel	9.0
Golding Cutting	16.1
* South Bypass Channel	7.4
Gatcombe Channel	16.3
* Gatcombe Bypass Channel	13.4
<i>Inner Channels:</i>	
Auckland Channel	15.8
Auckland Bypass Channel	6.8



Clinton Channel	16.0
Clinton Bypass Channel	10.6
Clinton Swing Basin	10.6
* Targinie Channel	10.5
Targinie Swing Basin East	10.6
* Targinie Swing Basin West	8.9
<i>Berths:</i>	
Boyne Smelter Wharf	15.0
* South Trees East Wharf	13.8
* South Trees West Wharf	13.0
Barney Point Wharf	(east approach) 13.5
Barney Point Wharf	(west approach) 11.5
Barney Point Wharf	15.0
* Auckland Point No 1 Wharf	10.6
* Auckland Point No 2 Wharf	10.6
* Auckland Point No 3 Wharf	11.4
* Auckland Point No 4 Wharf	11.3
* Clinton No 1 Wharf	19.2
* Clinton No 2 Wharf	18.4
* Clinton No 3 Wharf	18.6
* Clinton No 4 Wharf	19.1
* Fishermans Landing Wharf No 1	13.6
* Fishermans Landing Wharf No 2	13.3
* Fishermans Landing Wharf No 4	10.9
* Fishermans Landing Wharf No 5	10.9
* Indicates revised entry.	

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

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

*Former Notice* - 1138(T)/2012 is cancelled

*Date* - Until 31 January 2014

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

An exclusion zone marked by special light buoys, *Fl. Y. 2.5s*, exists in an area bounded by the following positions:

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

**Chart temporarily affected - Aus 245**

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

*Former Notice* - 54(T)/2013 is cancelled

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

Light buoys exist as follows:

<i>Number</i>	<i>Position</i>	<i>Characteristic</i>
CR1	23° 48'.66 S 151° 13'.79 E	<i>Fl. G. 2.5s</i>
CR2	23° 48'.70 S 151° 13'.89 E	<i>Fl. R. 2.5s</i>
CR3	23° 48'.87 S 151° 13'.74 E	<i>Fl. G. 2.5s</i>
CR4	23° 48'.84 S 151° 13'.82 E	<i>Fl. R. 2.5s</i>
CR5	23° 48'.95 S 151° 13'.67 E	<i>Fl. G. 2.5s</i>
CR6	23° 49'.29 S 151° 13'.25 E	<i>Fl. R. 2.5s</i>
CR7	23° 49'.09 S 151° 13'.39 E	<i>Fl. G. 2.5s</i>
CR9	23° 49'.19 S 151° 13'.22 E	<i>Fl. G. 2.5s</i>
CR11	23° 49'.26 S 151° 13'.11 E	<i>Fl. Y. 2.5s</i>
CR13	23° 49'.36 S 151° 13'.04 E	<i>Fl. Y. 2.5s.</i>

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

**208(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - South Passage Island to North Passage Island - Dredging operations**

*Date* - Until 21 March 2013

Maritime Safety Queensland Notice 124(T)/2013 (AA653735)

The dredge *Al Mahaar* and support vessels MV *Troll* and MV *Voe Jarl* are conducting dredging operations between positions 23° 47'.5 S 151° 12'.4 E and 23° 45'.0 S 151° 10'.3 E.

Vessels 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**

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

*Former Notice* - 209(T)/2011 is cancelled

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

Available depths as at 12 February 2013:

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

**Chart temporarily affected - Aus 265**

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 819**

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

*Former Notice* - 159(T)/2013 is cancelled

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

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

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

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

*Date* - Until 30 November 2013

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

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

19° 54'.26 S 148° 08'.54 E  
19° 52'.21 S 148° 06'.25 E  
19° 48'.38 S 148° 01'.13 E  
19° 50'.59 S 148° 00'.42 E  
19° 53'.51 S 148° 00'.37 E  
19° 51'.11 S 147° 57'.29 E  
19° 49'.11 S 147° 54'.35 E.

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 258**

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242**

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

*Date* - Until 31 March 2013

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

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

23° 45'.04 S 151° 09'.39 E

23° 44'.98 S 151° 10'.62 E

23° 45'.08 S 151° 10'.71 E

23° 45'.15 S 151° 09'.27 E.

A pipeline exists between Friend Point and Laird Point.

**Chart temporarily affected - Aus 245**

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

*Former Notice* - 148(T)/2013 is cancelled

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

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

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

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

**Chart temporarily affected - Aus 237**

**399(T)/2013 AUSTRALIA - QUEENSLAND - Shute Harbour - Rooper Inlet - Light buoy off station**

Maritime Safety Queensland Notice 316(T)/2013 (AA667367)

No3 starboard lateral light buoy, *Fl.G.2-5s* (20° 18'.11 S 148° 47'.21 E), is off station.

**Chart temporarily affected - Aus 253**

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

*Former Notice* - 305(T)/2013 is cancelled

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

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

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

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

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

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

**Chart temporarily affected - Aus 826**

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 240 - Aus 241**

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

*Former Notice* - 199(T)/2013 is cancelled

*Date* - Until 12 July 2013

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

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

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

The dredge will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 230**

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

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

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

Mariners are advised to navigate with caution in the area.

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

**517(T)/2013 AUSTRALIA - QUEENSLAND - Karumba - Depth information**

*Former Notice* - 756(T)/2012 is cancelled

Maritime Safety Queensland Notices 373(T)/2013, 374(T)/2013 (AA671723, AA671724)

Available depths as at 9 May 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
*Entrance Channel	3.2	Shoaling exists on the northern side of the channel in the vicinity of position 17° 26'.64 S 140° 45'.32 E. Mariners are advised to navigate south of the centreline of the channel.
Mobil/Trinity Wharf	6.3	
Raptis Wharf	5.3	
Ruby Marine Wharf	5.3	
Gulf Freight Services Wharf	6.2	
Karumba Cold Stores Wharf	6.2	
Seaswift/Shell Wharf	6.2	
Karumba Livestock Loading Wharf	5.4	
Gulf Freight Services Ramp/Wharf	4.6	
Pasminco Export Wharf	4.2	
*Indicates revised entry.		

**Chart temporarily affected - Aus 6**

**559(T)/2013 AUSTRALIA - QUEENSLAND - Cape Cleveland - Wreck**  
Maritime Safety Queensland Notice 407(T)/2013 (AA674848)

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

Mariners are advised to navigate with caution in the area.

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

**560(T)/2013 AUSTRALIA - QUEENSLAND - Singleton Rock to Reeves Shoal - AIS trial**

*Former Notice* - 513(T)/2013 is cancelled

*Date* - Until 15 August 2013

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

Virtual AIS units exist as follows:

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

**Chart temporarily affected - Aus 270 - Aus 292 - Aus 293 - Aus 833 - Aus 835 - Aus 839 - Aus 841**

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

*Former Notice* - 152(T)/2013 is cancelled

Maritime Safety Queensland Notice 450/2013 (AA677280)

Depths may not be consistent with charted information.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242**

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

*Date* - Until 30 January 2014

Maritime Safety Queensland Notice 450/2013 (AA677280)

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

**Chart temporarily affected - Aus 242**

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

*Former Notice* - 1197(T)/2010 is cancelled

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

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

Mariners are advised to navigate with caution in the area.

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

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

*Date* - On or about 30 September 2013

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

Light beacons have been established as follows:

<i>Name</i>	<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
No14	24° 45'.303 S 152° 24'.148 E	<i>Fl.R.2s</i>	
No15 (MRDF)	24° 45'.243 S 152° 24'.027 E	<i>Q (F Day) &amp; Fl.G.4s</i>	Front lead
MRDR	24° 45'.225 S 152° 24'.091 E	<i>Iso.2s (F Day)</i>	Rear lead
No17 (IRDF)	24° 45'.387 S 152° 23'.392 E	<i>Q (F Day) &amp; Fl.G.4s</i>	Front lead
IRDR	24° 45'.315 S 152° 23'.483 E	<i>Iso.2s (F Day)</i>	Rear lead
No18	24° 45'.526 S 152° 23'.281 E	<i>Fl.R.2s</i>	No20 renumbered
No19 (MRAF)	24° 45'.497 S 152° 23'.161 E	<i>Q (F Day) &amp; Fl.G.4s</i>	Front lead
MRAR	24° 45'.546 S 152° 22'.995 E	<i>Iso.2s (F Day)</i>	Rear lead
No20	24° 45'.756 S 152° 22'.996 E	<i>Fl.R.4s</i>	No22 renumbered

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

Light buoys have been established as follows:

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

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

#### **Chart which will be affected - Aus 242**

#### **649(T)/2013 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Pipeline**

*Date* - Until 31 August 2013

Maritime Safety Queensland Notice 505(T)/2013 (AA680912)

A pipeline exists on the seabed between the following:

Position	Remarks
23° 09'.14 S 150° 47'.75 E	special light buoy, Fl.Y.2s
23° 09'.15 S 150° 47'.46 E	
23° 09'.24 S 150° 47'.42 E	special light buoy, Fl.Y.2s
23° 09'.35 S 150° 47'.34 E	
23° 09'.53 S 150° 47'.31 E	
23° 09'.56 S 150° 47'.35 E.	

Mariners are advised not to anchor in the vicinity of the pipeline.

#### **Chart temporarily affected - Aus 247 - Aus 819**

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

*Date* - Until 20 October 2013

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

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

#### **Chart temporarily affected - Aus 253 - Aus 268**

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

*Former Notice* - 751(T)/2012 is cancelled

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

Available depths as at 24 June 2013:

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

#### **Chart temporarily affected - Aus 270**

#### **701(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer**

*Former Notice* - 461(T)/2013 is cancelled

*Date* - Until 16 September 2013

Maritime Safety Queensland Notice 536(T)/2013 (AA683397)

Ship to ship transfer of LPG will be conducted at STS1 anchorage (27° 17'.25 S 153° 16'.56 E). An exclusion zone (1850 metres radius) exists around transfer operations.

#### **Chart temporarily affected - Aus 236**

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

*Former Notice* - 415(T)/2011 is cancelled

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 246**

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

*Date* - Until 4 July 2014

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

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

**Chart temporarily affected - Aus 246 - Aus 819**

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

*Date* - Until 4 July 2014

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

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

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

**759(T)/2013 AUSTRALIA - QUEENSLAND - Bell Cay - Foul ground southwards**

Department of Defence (AA686780)

Foul ground exists within a 3M radius of position 22° 10'.0 S 151° 20.0E.

The area contains jettisoned ordnance, with negligible risk of explosion.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 367 - Aus 490 - Aus 4621 (INT 621) - Aus 4635 (INT 635) - AX 00367S - AX 04621U**

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

*Date* - Until 31 July 2014

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

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

*Former Notice* - 467(T)/2013 is cancelled

*Date* - Until 16 August 2013

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 250**

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

*Date* - Until 9 September 2013

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 6**

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

*Former Notice* - 342(T)/2013 is cancelled

*Date* - Until 28 February 2014

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

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

*Date* - Until 31 July 2014

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

Subsurface scientific instruments exist in positions:

16° 45'.30 S 145° 42'.55 E

16° 48'.28 S 145° 44'.72 E

16° 51'.24 S 145° 54'.84 E

16° 51'.75 S 145° 50'.50 E

16° 53'.51 S 145° 47'.11 E

16° 57'.71 S 145° 47'.77 E.

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

**814(T)/2013 AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Obstruction**

Maritime Safety Queensland Notice 602(T)/2013 (AA688518)

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

**Chart temporarily affected - Aus 256**

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

*Date* - Until 16 September 2013



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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 257**

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

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

*Date* - Until 30 September 2013

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

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

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

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

During the works the berth is closed to shipping.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 257**

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

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

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

**Chart temporarily affected - Aus 831**

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

*Former Notice* - 761(T)/2013 is cancelled

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

Available depths as of 14 August 2013:

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

\* Indicates revised entry.

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

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

*Date* - Until 30 September 2013

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 258 - Aus 829**

**863(T)/2013 AUSTRALIA - QUEENSLAND - Fitzalan Passage - Light buoy off station**

*Former Notice* - 813(T)/2013 is cancelled

Maritime Safety Queensland Notice 659(T)/2013 (AA691332)

The special light buoy, *Fl. Y. 2.5s* (20° 18'.79 S 148° 56'.05 E), is off station.

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

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

*Date* - Until 1 October 2013

Maritime Safety Queensland Notice 634(T)/2013 (AA690697)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 15 August to 30 September 2013.

A marine danger area extends to all waters within a 3M radius of position 22° 16'.06 S 150° 32'.43 E.

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

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

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

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

*Former Notice* - 820(T)/2013 is cancelled

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

Available depths as at 14 August 2013:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.6	
Platypus Channel	11.3	
<i>Outer Harbour:</i>		
Arrival Channel	5.7	
Departure Channel	10.0	Less depth at SE corner 9.1 metres
<i>Inner Harbour:</i>		
Harbour	11.4	
<i>Berths:</i>		
No 1	11.9	
* No 2	12.2	
No 3	11.4	
No 4	10.4	
No 7	11.2	
Between No 7 and No 8	12.0	Seaward of 0 mark at No 7
No 8	10.8	
No 9	11.4	
Between No 9 and No 10	9.4	Seaward of 0 mark at No 10
No 10	12.0	
No 11	10.8	
Ross River Channel	2.3	Entrance to beacon No 6
Ross River	-	Upstream of beacon No 6
Ross Creek	-	

\* Indicates new or revised entry.

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

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

*Date* - Until 18 October 2013

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 237**

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

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

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

**Chart temporarily affected - Aus 827 - Aus 828**

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

*Former Notice* - 554(T)/2013 is cancelled

*Date* - Until 30 June 2014

Maritime Safety Queensland Notices 327(T)/2013, 695(T)/2013 (AA668391, AA694012)

Construction works on the Gold Coast bridge are in progress.

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

Lateral light buoys will be positioned to guide vessels through the construction zone and beneath the relevant bridge navigation span as required. The temporary navigation span is 4.8m HAT during normal conditions.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 230**

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

*Former Notice* - 598(T)/2013 is cancelled

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

Available depths as at 12 September 2013:

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

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

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

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

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

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

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

*Former Notice* - 715(T)/2013 is cancelled

*Date* - Until 28 February 2014

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

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

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

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

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

*Date* - On or about 4 November 2013

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

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

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

**Chart which will be affected - Aus 244 - Aus 245**

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

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

The light, *Fl.2.5s* (17° 59'.40 S 146° 04'.67 E), is unlit.

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

**976(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling**

*Former Notice* - 647(T)/2013 is cancelled

Maritime Safety Queensland Notice 717(T)/2013 (AA695252)

A least depth of *1.9m* exists within the main channel to Mooloolah River.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 235**

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

*Former Notice* - 914(T)/2013 is cancelled

Maritime Safety Queensland Notice 1305(T)/2012 (AA643540), Brisbane Port Corporation (AA695763)

Available depths and under keel clearances (UKC) at 13 September 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No12	13.9	
Fisherman Islands No11	14.0	
Fisherman Islands No10	13.3	
Fisherman Islands No9	14.0	
Fisherman Islands No8	14.0	
* Fisherman Islands No7	14.0	
* Fisherman Islands No6	14.3	
* Fisherman Islands No5	14.1	
* Fisherman Islands No4	13.9	
Fisherman Islands No3	13.6	
Fisherman Islands No2	14.0	
Fisherman Islands No1	14.0	
Fisherman Islands Grain and Woodchip	13.2	
* Caltex Fisherman Islands	14.2	
Fisherman Islands Coal	14.0	
Fisherman Islands General Purpose	11.4	
* BP Luggage Point	14.2	
Caltex Products	10.2	
Cement Australia Co Wharf	9.5	

* BP Products	10.5
* Shell	10.7
Pacific Terminals	10.7
Incitec North	9.6
* Incitec South	10.4
Pinkenba 1	10.4
Pinkenba 2	10.4
Riverside Marina	-
Sugar Terminal	9.8
Cairncross Fitting Out Wharf	7.4
Cairncross Breasting Wharf	5.0
Brisbane Naval Wharf	4.3
Maritime No1	8.8
* Hamilton No4	9.6
* Hamilton No1	8.5
* Brisbane Cruise Ship Terminal	8.6

	Metres	UKC/Remarks
<i>Moreton Bay:</i>		
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width) Shoaling least depth, 14.6m, exists in position 27° 02'.39 S 153° 15'.66 E.
East Knoll Bypass Channel	6.0	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5
<i>Brisbane River:</i>		
Outer Bar Cutting	14.0	1.46
Inner Bar Cutting	14.0	1.46
Fisherman Islands Swing Basin	14.0	1.3
River	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	9.1	0.6 / 0.9 (draft/tide)
* Indicates new or revised entry.		

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

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

*Date* - Until 3 December 2013

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

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

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

22° 27'.02 S 150° 34'.98 E  
22° 33'.13 S 150° 42'.40 E  
22° 40'.00 S 150° 38'.00 E  
22° 35'.87 S 150° 28'.80 E  
22° 27'.93 S 150° 23'.01 E  
22° 27'.02 S 150° 34'.98 E.

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

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

**Chart temporarily affected - Aus 248 - Aus 367 - Aus 820 - Aus 822 - AX 00367S - AX 00820S - AX 00822S**

**980(T)/2013 AUSTRALIA - CORAL SEA - Osprey Reef - Light buoy off station southwards**

*Former Notice* - 917(T)/2013 is cancelled

Australian Bureau of Meteorology (AA696889)

The light buoy, *Fl. Y. 2s* (14° 48'.0 S 153° 35'.0 E), is drifting and currently in position 14° 42'.2 S 146° 50'.0 E (17 September 2013).

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

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

*Former Notice* - 775(T)/2013 is cancelled

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

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

Mariners are advised to navigate with caution in the area.

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

## NORTHERN TERRITORY

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

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

Modec Management Services (AA384494)

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

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

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

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

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

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

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

*Former Notice* - 817(T)/2012 is cancelled

JAMSTEC (AA620015, AA620016)

Scientific instruments, Triton buoys, exist as follows:

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

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

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

Darwin Port Corporation Notice 103/2012 (AA622006)

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

**Chart temporarily affected - Aus 28**

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

*Date* - Until 30 September 2013

Darwin Port Corporation Notice 120(T)/2012 (AA627292)

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

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

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

*Former Notice* - 62(T)/2012 is cancelled

Darwin Port Corporation (AA627294)

Available depths as at 26 September 2012:

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

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

\* Indicates new or revised entry.

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

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

*Date* - Until 4 December 2012

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

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

Anchors will be marked by lights.

Mariners are advised to navigate with caution in the area.

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

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

*Former Notice* - 960(T)/2012 is cancelled

*Date* - Until 31 August 2014

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

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

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

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

*Former Notice* - 961(T)/2012 is cancelled

*Date* - Until 31 August 2014

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

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

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

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

*Former Notice* - 324(T)/2011 is cancelled

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

The following nav aids are off station:

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

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



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

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

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

Mariners are advised not to anchor within the area.

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

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

*Former Notice* - 269(T)/2013 is cancelled

PTTEP Australasia (AA669085, AA669086)

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

**778(T)/2013 AUSTRALIA - TIMOR SEA - Evans Shoal - Drill rig southwestwards**

*Date* - Until 21 October 2013

MODU *ENSCO 104* (AA685690), Australian Maritime Safety Authority Auscoast Warning 188/2013 (AA685879)

Drill rig *ENSCO 104* is conducting drilling operations in position 10° 01'.07 S 129° 27'.16 E.

**Chart temporarily affected - Aus 310 - Aus 4721 (INT 721) - AX 00310U - AX 04721U**

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

*Former Notice* - 826(T)/2013 is cancelled

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

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

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

An exclusion zone exists within the area of the works.

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

12° 29'.39 S 130° 48'.12 E.

12° 29'.84 S 130° 52'.40 E

12° 30'.19 S 130° 53'.85 E

12° 32'.88 S 130° 50'.75 E.

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

12° 29'.82 S 130° 53'.10 E

12° 29'.94 S 130° 52'.46 E

12° 31'.77 S 130° 56'.14 E

12° 32'.91 S 130° 52'.51 E.

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

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

*Date* - Until 28 October 2013

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

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

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

**985(P)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Abbott Patches - Light buoy repositioned**

*Date* - On or about 13 September 2013

Darwin Port Corporation Notice 165(P)/2013 (AA695522)

No9 light buoy, *Iso.G.2s*, will be repositioned to 12° 28'.11 S 130° 48'.34 E.

**Chart which will be affected - Aus 24 - Aus 26 - AX 00026T**

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

*Former Notice* - 872(T)/2013 is cancelled

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

*Date* - Until 28 October 2013

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

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

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

12° 27'.69 S 130° 49'.22 E

12° 27'.73 S 130° 49'.22 E

12° 27'.73 S 130° 49'.17 E

12° 27'.77 S 130° 49'.17 E

12° 27'.78 S 130° 49'.13 E  
12° 27'.80 S 130° 49'.13 E.

Mariners are advised to navigate with caution in the area.

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

**989(T)/2013 INDIAN OCEAN - Mid Indian Ocean Basin - Light buoy off station**

*Former Notice* - 933(T)/2013 is cancelled

Australian Bureau of Meteorology (AA696889)

The buoy (11° 26'.0 S 113° 36'.0 E) is drifting and currently in position 11° 02'.8 S 83° 52'.1 E (17 September 2013).

**Chart temporarily affected - Aus 4708 (INT 708) - Aus 4714 (INT 714) - Aus 4723 (INT 723) - AX 04708U - AX 04714U - AX 04723U**

## WESTERN AUSTRALIA

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

*Former Notice* - 1260(T)/2006 is cancelled

Department for Planning and Infrastructure WA (AA400740)

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

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

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

*Former Notice* - 461(T)/2010 is cancelled

Department of Transport WA (AA465142)

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

31° 45'.85 S 115° 43'.29 E

31° 47'.37 S 115° 42'.39 E

31° 47'.89 S 115° 41'.75 E

31° 52'.11 S 115° 42'.81 E

31° 52'.52 S 115° 43'.46 E

31° 53'.14 S 115° 43'.78 E

31° 53'.58 S 115° 44'.25 E

31° 53'.88 S 115° 44'.90 E

31° 55'.73 S 115° 44'.85 E

31° 56'.33 S 115° 44'.84 E

31° 58'.67 S 115° 44'.79 E

31° 59'.26 S 115° 44'.65 E

31° 59'.76 S 115° 44'.59 E

32° 01'.39 S 115° 43'.78 E

32° 01'.58 S 115° 44'.62 E

32° 01'.45 S 115° 34'.29 E

32° 04'.79 S 115° 37'.42 E

32° 05'.69 S 115° 37'.54 E

32° 08'.65 S 115° 38'.57 E

32° 20'.97 S 115° 44'.00 E.

Mariners are not to use these buoys as moorings.

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

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

*Former Notice* - 523(T)/2004 is cancelled

MetOcean Engineers (AA472066)

Scientific instruments exist as follows:

*Position (WGS84 datum) Remarks*

19° 36'.38 S 116° 07'.53 E lit buoy, *Fl(5)Y.20s*

19° 36'.51 S 116° 07'.63 E 5 poly floats

**Chart temporarily affected - Aus 327**

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

*Date* - Until 31 August 2012

CSIRO (AA520991, AA520995)

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

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

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

*Former Notice* - 718(T)/2011 is cancelled

*Date* - Until 10 December 2011

Department of Transport WA Notice 93/2011 (AA546427)

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

*Former Notice* - 911(T)/2009 is cancelled

Dampier Port Authority Notice 1/2012 (AA578115)

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

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

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

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

*Former Notice* - 209(T)/2012 is cancelled

*Date* - Until 30 June 2013

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

*Former Notice* - 337(T)/2010 is cancelled

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

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

Available depths as of 11 April 2012:

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 119**

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

*Date* - Until 15 May 2013

Department of Transport WA Notice 53/2012 (AA597010)

Obstructions exist in the following positions:

21° 11'.28 S 115° 47'.70 E

21° 07'.76 S 115° 50'.10 E

21° 06'.01 S 115° 46'.93 E

21° 08'.15 S 115° 43'.83 E.

**Chart temporarily affected - Aus 743**

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

*Date* - Until 30 January 2014

Department of Transport WA Notice 46/2012 (AA596083)

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

**Chart temporarily affected - Aus 115**

**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**

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

*Former Notice* - 521(T)/2012 is cancelled

Dampier Port Authority Notice 12/2012 (AA606820)

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

**Chart temporarily affected - Aus 59**

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

*Former Notice* - 943(T)/2011 is cancelled

MetOcean Engineers (AA609181)

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

**Chart temporarily affected - Aus 327**

**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:

*Position (WGS84 datum) Remarks*

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 *Fl(5)Y.20s*

12° 47'.66 S 128° 25'.83 E *Fl(5)Y.20s*

12° 47'.64 S 128° 25'.06 E subsurface  
12° 47'.26 S 128° 25'.43 E *Fl(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, *Fl(5)Y.20s*, exists in position 13° 43'.39 S 122° 15'.83 E.

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

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

*Former Notice* - 438(T)/2011 is cancelled

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

Available depths as at 17 October 2012:

<i>Berth</i>	<i>Metres</i>
No 1	11.0
No 2	11.0
No 4	14.6
No 5	14.6
No 6	14.6
* No 7	14.5
* No 8	14.5
* No 9	14.5
* No 10	14.5
* No 11	10.4
* No 12	10.6
C	10.4
* D	10.4
* E	10.1
* F	10.0
* G	10.2
* H	10.1

\* Indicates revised entry.

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

**Chart temporarily affected - Aus 113**

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

*Date* - Until 31 October 2014

Department of Transport WA (AA631861, AA831862)

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

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

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

*Date* - Until 31 August 2013

Department of Transport WA Notice 98/2012 (AA630905)

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

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

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

**Chart temporarily affected - Aus 116**

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

*Date* - Until 15 January 2013

Department of Transport WA Notice 103/2012 (AA634951)

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 109**

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

*Date* - Until 30 November 2013

Fremantle Ports Notice 12/2012 (AA637140)

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

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

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

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

*Former Notice* - 1337(T)/2011 is cancelled

*Date* - Until 30 January 2014

Broome Port Authority (AA640508)

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

**Chart temporarily affected - Aus 50 - Aus 51**

**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**

**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**

**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**

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

*Date* - Until 31 January 2014

Department of Transport WA Notice 10/2013 (AA645987)

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

21° 27'.92 S 115° 10'.19 E

21° 29'.91 S 115° 06'.16 E

21° 34'.01 S 115° 01'.10 E

21° 36'.17 S 115° 08'.97 E

21° 36'.31 S 115° 04'.62 E

21° 36'.45 S 115° 04'.01 E

21° 36'.86 S 115° 04'.49 E

21° 40'.02 S 115° 00'.63 E.

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

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

*Former Notice* - 1058(T)/2012 is cancelled

Department of Transport WA (AA653972)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 115**

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

Dampier Port Authority Notice 9/2013 (AA655652)

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

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

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

Apache Energy Ltd (AA658361)

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

**Chart temporarily affected - Aus 328**

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

*Former Notice* - 1220(T)/2012 is cancelled

CSIRO (AA661219)

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

31° 37'.60 S 115° 14'.75 E

31° 38'.80 S 115° 11'.75 E

31° 41'.60 S 115° 07'.00 E

31° 43'.16 S 115° 01'.80 E

31° 46'.23 S 114° 56'.60 E

31° 59'.00 S 115° 14'.00 E

32° 03'.20 S 115° 04'.96 E

32° 00'.00 S 115° 25'.00 E

32° 00'.00 S 115° 24'.16 E.

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

**353(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seringapatam Reef - Drill rig**

*Former Notice* - 1151(T)/2012 is cancelled

Australian Maritime Safety Authority Auscoast Warning 88/2013 (AA662267)

Drill rig *Transocean Legend* is conducting drilling operations in position 13° 44'.28 S 122° 20'.13 E.

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

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

MODU *Atwood Falcon* (AA664209), Australian Maritime Safety Authority Auscoast Warning 100/2013 (AA664332)

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

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

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

*Former Notice* - 68(T)/2013 is cancelled

*Date* - Until 31 January 2014

Department of Transport WA Notice 133/2012 (AA642224)

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

**Chart temporarily affected - Aus 62 - Aus 66**

**424(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments**

*Former Notice* - 360(T)/2012 is cancelled

Chevron Australia Pty Ltd (AA590476)

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

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

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

*Former Notice* - 175(T)/2013 is cancelled

Department of Transport WA Notice 111/2011 (AA649470)

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

20° 41'.93 S 115° 29'.52 E

20° 41'.93 S 115° 30'.09 E

20° 42'.47 S 115° 30'.09 E

20° 42'.47 S 115° 29'.80 E

20° 42'.20 S 115° 29'.80 E

20° 42'.20 S 115° 29'.51 E.

Mariners are advised to navigate with caution in the area.

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

**428(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island to Ashburton Road - Dredging operations; exclusion zones**

*Date* - Until 31 March 2016

Department of Transport WA Notices 57/2013, 58/2013, Chevron (AA666513, AA666514), Dampier Port Authority Notice 8/2013 (AA666508)

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

21° 40'.44 S 114° 58'.81 E

21° 39'.36 S 114° 58'.81 E

21° 33'.43 S 114° 58'.07 E

21° 30'.54 S 115° 02'.14 E

21° 30'.95 S 115° 03'.96 E

21° 39'.40 S 115° 01'.77 E  
21° 41'.14 S 115° 01'.77 E.

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

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

All vessels will monitor VHF Ch 14 and Ch 16.

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

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

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

#### **Chart temporarily affected - Aus 64 - Aus 743**

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

*Former Notice* - 946(T)/2008 is cancelled

Geraldton Port Authority (AA666328, AA666329)

Available depths as at 31 January 2013:

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

#### **Chart temporarily affected - Aus 81**

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

*Date* - Until 10 April 2014

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

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

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

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

*Date* - On or about 3 May 2013

Port Hedland Port Authority, BHP Billiton (AA669057)

#### **Chart which will be affected - Aus 54**

#### **486(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Gregory - Shoaling**

Department of Transport WA Notice 66/2012 (AA668957)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 84**

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

*Former Notice* - 421(T)/2013 is cancelled

*Date* - Until 31 March 2014

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

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

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

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

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

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

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

*Former Notice* - 315(T)/2013 is cancelled

*Date* - Until 29 February 2016

Department of Transport WA Notice 70/2013 (AA672344)

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

21° 19'.66 S 115° 23'.45 E  
21° 19'.66 S 115° 09'.50 E  
21° 27'.04 S 115° 02'.00 E  
21° 28'.93 S 115° 01'.54 E  
21° 30'.02 S 114° 50'.23 E  
21° 30'.11 S 114° 55'.27 E  
21° 31'.73 S 114° 46'.25 E  
21° 33'.85 S 115° 00'.45 E  
21° 34'.69 S 114° 54'.30 E  
21° 35'.20 S 114° 56'.38 E  
21° 37'.84 S 114° 41'.51 E  
21° 43'.17 S 114° 46'.17 E.

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

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

*Date* - Until 1 August 2013

Apache Energy Ltd (AA629433, AA671444 - AA671446)

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

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

A 500m exclusion zone exists around the vessel.

Mariners are advised to navigate with caution in the area.

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

**563(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Seismic survey**

*Date* - Until 30 April 2014

Petroleum Geo-Services (AA672403 - AA672405)

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

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

**Chart temporarily affected - Aus 319 - Aus 320 - Aus 322 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00319U - AX 00322U - AX 04721U - AX 04722U**

**564(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Light buoys**

*Date* - Until 1 March 2014

Dampier Port Authority Notice 19/2013 (AA675281)

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

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

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

**Chart temporarily affected - Aus 59**

**568(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Rock dumping**

*Date* - Until 1 March 2014

Department of Transport WA (AA675333)

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

20° 41'.32 S 115° 24'.73 E  
20° 41'.37 S 115° 24'.72 E  
20° 35'.58 S 115° 09'.51 E  
20° 35'.14 S 115° 09'.31 E.

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

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

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

*Former Notice* - 526(T)/2013 is cancelled

*Date* - Until 15 August 2013

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

Drill rig *Nan Hai 6* is conducting drilling operations in position 21° 31'.36 S 114° 07'.42 E.

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

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

*Date* - On or about 17 June 2013

Port Hedland Port Authority (AA678191)

Leading lights, *F.Bu*, have been established in positions 20° 20'.27 S 118° 33'.67 E and 20° 20'.23 S 118° 33'.70 E bearing 216.4°.

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

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

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

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

**Chart which will be affected - Aus 54**

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

*Former Notice* - 418(T)/2013 is cancelled

*Date* - Until 30 June 2014

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

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

20° 30'.48 S 115° 33'.86 E  
20° 43'.96 S 115° 29'.31 E  
20° 47'.30 S 115° 30'.30 E  
20° 47'.66 S 115° 29'.24 E  
20° 49'.85 S 115° 30'.40 E  
20° 51'.56 S 115° 29'.54 E  
20° 51'.62 S 115° 31'.96 E  
20° 54'.09 S 115° 27'.74 E  
20° 57'.75 S 115° 28'.07 E  
21° 05'.94 S 115° 30'.83 E.

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

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

BHP Billiton Petroleum Pty Ltd (AA677207)

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

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

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

*Former Notice* - 1288(T)/2012 is cancelled

*Date* - Until 30 September 2013

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

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

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

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

*Date* - Until 31 October 2013

MetOcean Engineers (AA679768)

Scientific instruments exist as follows:

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

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

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

*Date* - Until 31 October 2013

MetOcean Engineers (AA679768)

Scientific instruments exist as follows:

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

**Chart temporarily affected - Aus 327**

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

*Date* - Until 16 September 2013

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

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

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

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

*Former Notice* - 1294(T)/2012 is cancelled

*Date* - Until 30 June 2014

Australian Maritime Safety Authority Auscoast Warning 190/2013 (AA686193), MODU *Deepwater Frontier* (AA686194)

Drill rig *Deepwater Frontier* is conducting drilling operations in position 19° 47'.55 S 114° 38'.95 E.

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

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

*Date* - Until 1 November 2013

Department of Transport WA Notice 104/2013 (AA686394)

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

**Chart temporarily affected - Aus 64 - Aus 743**

**831(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Harbour works**

*Date* - Until 10 December 2013

Dampier Port Authority Notice 28/2013 (AA688922)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 59**

**832(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Middle Channel to South Channel - Scientific instruments**

*Former Notice* - 616(T)/2013 is cancelled

*Date* - Until 30 November 2013

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

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

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

**835(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Light buoy northwards**

*Date* - Until 28 February 2014

MetOcean Engineers (AA688078)

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

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

**837(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments**

*Former Notice* - 360(T)/2013 is cancelled

*Date* - Until 6 March 2016

MetOcean Engineers (AA688078)

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

21° 22'.07 S 114° 50'.93 E

21° 31'.74 S 115° 01'.82 E

21° 31'.79 S 115° 01'.76 E

21° 31'.81 S 115° 01'.74 E

21° 34'.97 S 115° 01'.28 E

21° 34'.97 S 115° 01'.33 E

21° 35'.01 S 115° 01'.22 E

21° 39'.29 S 115° 00'.07 E

21° 39'.32 S 115° 00'.14 E  
21° 39'.33 S 115° 00'.19 E.

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

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

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

*Former Notice - 723(T)/2013 is cancelled*

Port Hedland Port Authority Notices 16/2012, 10/2013 (AA691324, AA683335)

Available depths as at 30 August 2012:

<i>Berth</i>	<i>Metres</i>
* PHPA berth 1	13.2
* PHPA berth 2	13.2
* PHPA berth 3	13.2
* PHPA berth 4 (Utah Point)	14.5
* BHP Billiton Nelson Point berth A	18.7
* BHP Billiton Nelson Point berth B	18.3
* BHP Billiton Nelson Point berth C	19.1
* BHP Billiton Nelson Point berth D	19.2
* BHP Billiton Finucane Island berth A	19.2
* BHP Billiton Finucane Island berth B	19.2
* BHP Billiton Finucane Island berth C	18.6
* BHP Billiton Finucane Island berth D	19.2
* Anderson Point berth 1	19.8
* Anderson Point berth 2	19.8
* Anderson Point berth 3	19.6
* Anderson Point berth 4	18.7
* Indicates new or revised entry.	

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

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

*Former Notice - 726(T)/2013 is cancelled*

*Date - Until 1 October 2013*

Chevron Australia Pty Ltd (AA691881), Australian Maritime Safety Authority Auscoast Warning 208/2013 (AA691881)

Drill rig *Atwood Osprey* is conducting drilling operations in position 20° 31'.19 S 114° 49'.43 E.

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

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

*Date - Until 30 August 2015*

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

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

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

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

*Date - Until 4 December 2013*

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

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

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

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

*Former Notice - 782(T)/2013 is cancelled*

*Date - Until 30 September 2013*

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

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



shipping channel.

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

Mariners are advised to navigate with caution in the area.

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

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

*Date* - Until 15 October 2013

EGS Survey Pty Ltd (AA693283)

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

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

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

*Date* - Until 24 November 2013

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

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

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

**988(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drilling operations**

*Date* - Until 18 October 2013

EGS Survey Pty Ltd (AA694525)

MV *Nor Captain* is conducting drilling operations in the area bounded by the following positions:

19° 38'.05 S 115° 54'.43 E

19° 40'.08 S 115° 56'.17 E

19° 45'.77 S 115° 48'.65 E

19° 53'.22 S 115° 38'.29 E

19° 51'.36 S 115° 37'.08 E

19° 41'.69 S 115° 48'.31 E.

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

## SOUTH AUSTRALIA

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

*Former Notice* - 240(T)/2006 is cancelled

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

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

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

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

**Chart temporarily affected - Aus 137**

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

*Former Notice* - 534(T)/2011 is cancelled

Fugro LADS Corporation (AA534581)

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

**Chart temporarily affected - Aus 781**

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

*Former Notice* - 176(T)/2009 is cancelled

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

Available depths as at 24 August 2010:

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

**Chart temporarily affected - Aus 133**

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

*Date* - Until 31 December 2013

MetOcean Engineers (AA643598)

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

**Chart temporarily affected - Aus 4727 (INT 727)**

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

*Former Notice* - 769(T)/2012 is cancelled

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

Available depths as at 29 July 2013:

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

**Chart temporarily affected - Aus 137**

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

*Former Notice* - 617(T)/2013 is cancelled

*Date* - Until 31 December 2013

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

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

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

A floating pipeline exists between berth No4 (34° 46'.48 S 138° 29'.04 E) and berth No8 (34° 45'.99 S 138° 29'.60 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 137**

## VICTORIA

### **796(T)/2007 AUSTRALIA - VICTORIA - Port Phillip - South channel - Obstruction**

Victorian Notice 103(T)/2007 (AA282029)

An obstruction marked by 3 special light buoys, *Fl.Y.3s*, exists in position 38° 18'. 36 S 144° 46'. 47 E  
Mariners are advised to navigate with caution in the area.

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

### **514(T)/2008 AUSTRALIA - VICTORIA - Western Port - Phillip Island - Shoaling northwards**

Victorian Notice 64(T)/2008 (AA333884)

Shoaling, least depth *13.4 metres*, exists at position 38° 25'.53 S 145° 13'.90 E extending 100 metres into the shipping channel .

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 150 - Aus 151**

### **942(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Depth information**

*Former Notice* - 465(T)/2009 is cancelled

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

Available depths as at 19 August 2010:

<i>Berth</i>	<i>Metres</i>
Bulk Grain Pier 1	9.0
Bulk Grain Pier 2	11.0
Point Wilson Jetty North	8.6
Point Henry Pier Alcoa	11.6

\*Indicates new or revised entry.

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

### **1291(T)/2010 AUSTRALIA - VICTORIA - Ninety Mile Beach - Obstructions**

*Former Notice* - 458(T)/2007 is cancelled

Victorian Notice 51(T)/2007 (AA242065)

Suspended well heads exists within a 300m radius of position 38° 37'.65 S 146° 53'.75 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 357**

### **723(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Great Ship Channel - Shoaling**

Victorian Notice 89(T)/2011 (AA543561)

Shoaling, with a least depth of *16.7m*, exists in position 38° 18'.04 S 144° 37'.69 E.

Mariners are advised to navigate with caution in the area.

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

### **1346(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Exclusion zones**

Victorian Notice 146(T)/2011 (AA571787)

As a result of shoaling, exclusion zones exists in the areas bounded by the following positions:

38° 17'.50 S 144° 39'.08 E  
38° 17'.50 S 144° 39'.45 E  
38° 17'.56 S 144° 39'.45 E  
38° 17'.55 S 144° 39'.08 E,  
and  
38° 17'.65 S 144° 41'.13 E

38° 17'.88 S 144° 42'.27 E  
 38° 17'.90 S 144° 42'.27 E  
 38° 17'.67 S 144° 41'.13 E,  
 and  
 38° 17'.99 S 144° 42'.65 E  
 38° 18'.01 S 144° 42'.72 E  
 38° 18'.02 S 144° 42'.72 E  
 38° 18'.00 S 144° 42'.65 E,  
 and  
 38° 17'.80 S 144° 42'.85 E  
 38° 18'.14 S 144° 44'.52 E  
 38° 18'.17 S 144° 44'.51 E  
 38° 17'.83 S 144° 42'.84 E,  
 and  
 38° 18'.18 S 144° 45'.07 E  
 38° 18'.37 S 144° 46'.35 E  
 38° 18'.38 S 144° 46'.35 E  
 38° 18'.19 S 144° 45'.07 E.

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

**76(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Scientific instruments**

Victorian Notice 156(T)/2011 (AA575139)

Special light buoys, *Fl. Y. 2s*, exist in positions 38° 20'.15 S 144° 52'.78 E and 38° 20'.12 S 144° 54'.54 E.

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

**131(T)/2012 AUSTRALIA - VICTORIA - Anderson Inlet - Shoaling**

*Former Notice* - 1300(T)/2009 is cancelled

Victorian Notice 8(T)/2012 (AA577182)

Shoaling exists in the outer entrance channel of the Anderson Inlet entrance bar (38° 39'.0 S 145° 43'.0 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 801**

**132(T)/2012 AUSTRALIA - VICTORIA - Port Albert - Light unlit**

Victorian Notice 11(T)/2012 (AA578170)

The light, *Oc. 3s 12m 11M* (38° 43'.62 S 146° 39'.00E (WGS84 datum)), is unlit.

**Chart temporarily affected - Aus 181 - Aus 357**

**579(T)/2012 AUSTRALIA - VICTORIA - Shoaling**

*Former Notice* - 1301(T)/2009 is cancelled

Victorian Notice 88/2012 (AA602669)

Shoaling, with a least depth of *5.2m*, exists in the Barry Beach Channel (38° 43'.00 S 146° 22'.77 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 182**

**772(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Werribee South - Harbour works**

*Date* - Until 30 January 2014

Victorian Notice 106(T)/2012 (AA613718)

Harbour works associated with the construction of a new marina are in progress in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
37° 58'.29 S 144° 42'.27 E	special conical buoy, without topmark
37° 58'.31 S 144° 42'.36 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.32 S 144° 42'.46 E	special conical buoy, without topmark
37° 58'.28 S 144° 42'.55 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.23 S 144° 42'.63 E	special conical buoy, without topmark

37° 58'.17 S 144° 42'.69 E	special conical light buoy, <i>Fl.Y.7s</i> , with topmark
37° 58'.10 S 144° 42'.75 E	special conical buoy, without topmark
37° 58'.04 S 144° 42'.81 E	special conical light buoy, <i>Fl.Y.7s</i> , with topmark
37° 57'.97 S 144° 42'.86 E	special conical buoy, without topmark
37° 57'.89 S 144° 42'.85 E	special conical light buoy, <i>Fl.Y.7s</i> , with topmark
37° 57'.81 S 144° 42'.82 E	special conical buoy, without topmark.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 155**

**74(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Short Road Wharf - Harbour works**

*Date* - Until 30 June 2013

Victorian Notice 184(T)/2012 (AA643612)

Works associated with the remediation of the wharf are in progress (37° 50'.15 S 144° 53'.93 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**75(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Appleton Dock - Harbour works**

*Former Notice* - 77(T)/2011 is cancelled

*Date* - Until 30 June 2014

Victorian Notice 183(T)/2012 (AA643590)

Works associated with the remediation of berths B to F are in progress (37° 49'.02 S 144° 55'.31 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**275(T)/2013 AUSTRALIA - VICTORIA - Otway Basin - Pipeline**

*Date* - Until 15 April 2013

Origin Energy (AA620979, AA654442 - AA654445)

*Vessel Normand Clough* and support vessel *Mermaid Vision* are conducting pipe lay operations between positions 39° 06'.94 S 142° 56'.00 E and 39° 06'.49 S 142° 57'.10 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 349 - Aus 787**

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

*Date* - Until 21 June 2013

Victorian Notice 73(T)/2013 (AA674856)

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**663(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works**

*Former Notice* - 1064(T)/2012 is cancelled

*Date* - Until 31 July 2013

Victorian Notices 135(T)/2012, 80(T)/2013 (AA630011, AA678930)

Harbour works associated with the rehabilitation of Ann St Pier (37° 51'.63 S 144° 54'.59 E) including the demolition of the pier end are in progress.

The light *F.G* (37° 51'.58 S 144° 54'.61 E) has been repositioned to 37° 51'.59 S 144° 54'.61 E.

Two mooring piles marked by lights exist in the vicinity of position 37° 51'.56 S 144° 54'.63 E and two light buoys exist in the vicinity of position 37° 51'.55 S 144° 54'.64 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**731(P)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne Channel - Light beacons to be established; light buoys to be withdrawn**

*Date* - On or about 9 September 2013

Victorian Notice 87(T)/2013 (AA683154)

Special light beacons, VQ(4)Y.4s, will be established as follows:

<i>Number</i>	<i>Position</i>
T1	38° 00'.00 S 144° 55'.66 E
T2	38° 00'.00 S 144° 54'.87 E
T9	37° 57'.81 S 144° 55'.73 E
T10	37° 57'.77 S 144° 55'.03 E
T15	37° 55'.62 S 144° 55'.80 E
T16	37° 55'.60 S 144° 55'.19 E
T20	37° 54'.54 S 144° 55'.22 E
T26	37° 52'.68 S 144° 55'.28 E.

Special light buoys, VQ(4)Y.4s, will be withdrawn as follows:

<i>Number</i>	<i>Position</i>
T1	38° 00'.00 S 144° 55'.66 E
T2	38° 00'.01 S 144° 55'.04 E
T3	37° 59'.44 S 144° 55'.68 E
T4	37° 59'.43 S 144° 55'.06 E
T5	37° 58'.87 S 144° 55'.69 E
T6	37° 58'.86 S 144° 55'.08 E
T7	37° 58'.30 S 144° 55'.71 E
T8	37° 58'.29 S 144° 55'.10 E
T9	37° 57'.81 S 144° 55'.73 E
T10	37° 57'.80 S 144° 55'.12 E
T11	37° 57'.32 S 144° 55'.75 E
T12	37° 57'.31 S 144° 55'.13 E
T13	37° 56'.58 S 144° 55'.77 E
T14	37° 56'.57 S 144° 55'.16 E
T15	37° 55'.91 S 144° 55'.79 E
T16	37° 55'.89 S 144° 55'.17 E
T17	37° 55'.40 S 144° 55'.81 E
T18	37° 55'.39 S 144° 55'.20 E
T20	37° 54'.54 S 144° 55'.22 E
T22	37° 53'.85 S 144° 55'.25 E
T24	37° 53'.18 S 144° 55'.27 E
T26	37° 52'.68 S 144° 55'.29 E
T28	37° 52'.31 S 144° 55'.19 E.

**Chart which will be affected - Aus 143 - Aus 154 - Aus 155**

**732(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Victoria Dock - Harbour works**

*Date* - Until 31 March 2014

Victorian Notice 94(T)/2013 (AA682953)

Rehabilitation works and diving operations are in progress at Victoria Dock (37° 49'.09 S 144° 55'.74 E).

Barges and pontoons are on site.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**878(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Harbour works**

*Date* - Until 28 September 2013

Victorian Notice 112(T)/2013 (AA690741)

Harbour works associated with the upgrade of the berth (38° 15'.88 S 144° 40'.30 E) are in progress.

Barges and a support vessel are on site and will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143**

**879(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Harbour works**

*Former Notice* - 532(T)/2013 is cancelled

*Date* - Until 20 December 2013

Victorian Notice 19(T)/2013, 46(T)/2013, 66(T)/2013, 116(T)/2013 (AA649627, AA664916, AA671811, AA691479)

Works associated with the development of a new marina are in progress.

Temporary landings will be installed in positions 37° 51'.63 S 144° 57'.95 E, 37° 51'.83 S 144° 57'.85 E and 37° 51'.64 S 144° 57'.76 E.

A temporary groyne will be installed between positions 37° 51'.64 S 144° 58'.17 E and 37° 51'.63 S 144° 57'.95 E. Special light buoys, *Fl.Y.5s*, which mark the groyne exist in positions 37° 51'.61 S 144° 57'.94 E and 37° 51'.67 S 144° 57'.97 E.

Lit piles and special light buoys, *Fl.Y.5s*, which mark the construction zone exist in the following positions:

37° 51'.641 S 144° 57'.743 E  
37° 51'.644 S 144° 57'.862 E  
37° 51'.642 S 144° 57'.941 E  
37° 51'.609 S 144° 57'.837 E  
37° 51'.612 S 144° 57'.830 E  
37° 51'.616 S 144° 57'.824 E  
37° 51'.619 S 144° 57'.818 E  
37° 51'.622 S 144° 57'.811 E  
37° 51'.626 S 144° 57'.805 E  
37° 51'.629 S 144° 57'.798 E  
37° 51'.633 S 144° 57'.791 E.

Works associated with the demolition and reconstruction of the jetty are in progress in an area marked by special conical lights buoys, *Fl.Y.5s*, bounded by the following positions:

37° 51'.80 S 144° 57'.98 E  
37° 51'.83 S 144° 57'.99 E  
37° 51'.87 S 144° 57'.99 E  
37° 51'.87 S 144° 57'.94 E  
37° 51'.87 S 144° 57'.93 E  
37° 51'.83 S 144° 57'.92 E.

All hazards to navigation will be marked by lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 155**

**935(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Shoaling**

Victorian Notice 119(T)/2013 (AA693049)

Shoaling, with least depth *0.5m*, exists within the entrance to Patterson River (38° 04'.41 S 145° 07'.17 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143**

**936(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Gellibrand Pier - Harbour works**

Victorian Notice 117(T)/2013 (AA693380)

Harbour works associated with the rehabilitation of the pier (37° 51'.80 S 144° 54'.87 E) are in progress.

Mariners are advised to navigate with caution in the area.

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



**937(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling; virtual AIS**

*Former Notice* - 1063(T)/2012 is cancelled

Victorian Notices 141(T)/2012, 28(T)/2013, 122(T)/2013 (AA630248, AA655972, AA694016)

Virtual AIS exist as follows:

<i>Identification message</i>	<i>Position</i>
TB1	38° 18'.11 S 144° 43'.86 E
TB2	38° 18'.23 S 144° 44'.39 E
TB3	38° 18'.29 S 144° 45'.51 E

Shoaling with a least depth of *14.8m* exists in the vicinity and north of the virtual buoys. Deep draught vessels should pass to the south of the buoys.

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

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

*Former Notice* - 839(P)/2013 is cancelled

*Date* - On or about 25 September 2013

Victorian Notice 127(T)/2013 (AA695799)

Light beacons will be established as follows:

	<i>Position</i>	<i>Remarks</i>
No23	38° 18'.81 S 144° 55'.95 E	<i>Fl(3)G.10s 5M</i>
No24	38° 17'.93 S 144° 53'.92 E	<i>Fl.5s 11M</i>
No25	38° 17'.93 S 144° 55'.95 E	<i>Fl(4)G.12s 8M</i>

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

## TASMANIA

### 91(T)/2010 AUSTRALIA - TASMANIA - Georges Bay - Wreck

*Former Notice* - 1204(T)/2009 is cancelled

Marine and Safety Tasmania Notice M3/2010 (AA447779)

A stranded wreck exists in position 41° 16'.24 S 148° 20'.07 E, with a floating line marked by a white poly-float leading to an anchor in position 41° 16'.20 S 148° 20'.13 E.

Mariners are advised to navigate with caution in the area.

### Chart temporarily affected - Aus 169

### 1291(T)/2011 AUSTRALIA - TASMANIA - Adventure Bay to Pitt Water - Scientific instruments

*Date* - Until 30 March 2013

Marine and Safety Tasmania Notice M150/2011 (AA570022)

Subsurface scientific instruments exist in the following positions:

43° 31'.43 S 147° 17'.77 E	43° 27'.49 S 147° 13'.39 E
43° 18'.05 S 147° 23'.62 E	43° 14'.53 S 147° 47'.71 E
43° 06'.26 S 147° 41'.81 E	43° 05'.12 S 147° 29'.17 E
43° 02'.37 S 147° 28'.49 E	42° 57'.96 S 147° 33'.29 E
42° 57'.85 S 147° 33'.84 E	42° 57'.73 S 147° 34'.44 E
42° 57'.62 S 147° 34'.99 E	42° 57'.49 S 147° 35'.60 E
42° 57'.39 S 147° 36'.19 E	42° 57'.26 S 147° 36'.79 E
42° 57'.15 S 147° 37'.41 E	42° 57'.14 S 147° 39'.22 E
42° 57'.04 S 147° 38'.01 E	42° 56'.98 S 147° 39'.67 E
42° 56'.42 S 147° 32'.59 E	42° 55'.81 S 147° 40'.74 E
42° 55'.80 S 147° 34'.87 E	42° 55'.42 S 147° 36'.65 E
42° 55'.36 S 147° 40'.76 E	42° 55'.12 S 147° 31'.82 E
42° 54'.92 S 147° 40'.78 E	42° 54'.64 S 147° 33'.74 E
42° 54'.47 S 147° 40'.80 E	42° 54'.33 S 147° 30'.50 E
42° 54'.19 S 147° 35'.44 E	42° 53'.86 S 147° 37'.19 E
42° 53'.71 S 147° 32'.59 E	42° 52'.87 S 147° 34'.22 E
42° 52'.60 S 147° 36'.25 E	42° 52'.35 S 147° 32'.09 E
42° 53'.23 S 147° 31'.15 E	42° 51'.82 S 147° 30'.91 E
42° 51'.80 S 147° 33'.36 E	42° 51'.70 S 147° 34'.84 E
42° 51'.40 S 147° 36'.01 E	42° 51'.06 S 147° 32'.08 E
42° 50'.90 S 147° 36'.92 E	42° 50'.73 S 147° 35'.11 E
42° 50'.69 S 147° 33'.58 E	42° 49'.79 S 147° 36'.18 E
42° 49'.17 S 147° 34'.70 E	42° 48'.72 S 147° 32'.46 E
42° 48'.72 S 147° 34'.04 E	42° 48'.43 S 147° 29'.38 E
42° 48'.43 S 147° 29'.59 E	42° 48'.43 S 147° 29'.80 E
42° 48'.43 S 147° 30'.02 E	42° 48'.41 S 147° 33'.19 E
42° 48'.29 S 147° 31'.42 E	42° 48'.25 S 147° 29'.27 E
42° 48'.25 S 147° 29'.48 E	42° 48'.25 S 147° 29'.69 E
42° 48'.25 S 147° 29'.91 E	42° 48'.25 S 147° 30'.13 E
42° 48'.07 S 147° 29'.69 E	42° 48'.07 S 147° 29'.91 E
42° 48'.07 S 147° 30'.13 E	42° 47'.99 S 147° 28'.66 E
42° 47'.87 S 147° 29'.80 E	42° 47'.87 S 147° 30'.02 E

### Chart temporarily affected - Aus 171 - Aus 173 - Aus 796

### 1292(T)/2011 AUSTRALIA - TASMANIA - Flinders Island - Lady Barron - Light unreliable

*Date* - Until 20 December 2011

Marine and Safety Tasmania Notice M144/2011 (AA569730)

The light, *F.WRG.48m 10M* (40° 12'.45 S 148° 14'.76 E), is unreliable.

### Chart temporarily affected - Aus 179 - Aus 800

### 576(T)/2012 AUSTRALIA - TASMANIA - Frederick Henry Bay - Scientific instruments

*Former Notice* - 1229(T)/2011 is cancelled

*Date* - Until 20 September 2013

Marine and Safety Tasmania (AA602526)

Scientific instruments marked by special conical light buoys exist as follows:

<i>Position</i>	<i>Characteristic</i>
42° 56'.2 S 147° 37'.2 E	<i>Iso.4s</i>
42° 58'.2 S 147° 34'.0 E	<i>Oc.3s.</i>

**Chart temporarily affected - Aus 171 - Aus 796**

**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**

**122(T)/2013 AUSTRALIA - TASMANIA - Maria Island - Scientific instruments**

*Date* - Until 28 February 2014

University of Tasmania (AA647460, AA647461)

Subsurface scientific instruments exist on the seabed in the following positions:

42° 40'.08 S 147° 58'.04 E  
42° 39'.99 S 147° 58'.60 E  
42° 39'.91 S 147° 59'.16 E  
42° 39'.82 S 147° 59'.72 E  
42° 39'.74 S 148° 00'.28 E.

Subsurface scientific instruments exist 30m below the surface in the following positions:

42° 39'.08 S 148° 10'.40 E

42° 39'.28 S 148° 10'.92 E  
42° 39'.48 S 148° 11'.44 E  
42° 39'.68 S 148° 11'.96 E  
42° 39'.88 S 148° 12'.49 E  
42° 40'.08 S 148° 13'.01 E  
42° 40'.28 S 148° 13'.53 E  
42° 40'.48 S 148° 14'.05 E  
42° 40'.68 S 148° 14'.57 E  
42° 40'.88 S 148° 15'.10 E  
42° 41'.08 S 148° 15'.62 E  
42° 41'.28 S 148° 16'.14 E  
42° 41'.48 S 148° 16'.66 E  
42° 41'.68 S 148° 17'.18 E  
42° 41'.88 S 148° 17'.71 E  
42° 42'.08 S 148° 18'.23 E  
42° 42'.28 S 148° 18'.75 E  
42° 42'.48 S 148° 19'.27 E  
42° 42'.68 S 148° 19'.79 E  
42° 42'.87 S 148° 20'.32 E  
42° 43'.07 S 148° 20'.84 E  
42° 43'.26 S 148° 21'.26 E.

**Chart temporarily affected - Aus 170 - Aus 766 - Aus 797**

**179(T)/2013 AUSTRALIA - TASMANIA - Hobart - New Town Bay - Wreck**  
Marine and Safety Tasmania Notice M22/2013 (AA650422)

A wreck exists in position 42° 50'.66 S 147° 19'.21 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 171 - Aus 172**

**233(T)/2013 AUSTRALIA - TASMANIA - Cape Sonnerat - Wreck**  
Marine and Safety Tasmania Notice M25/2013 (AA653456)

A wreck exists in position 42° 20'.67 S 148° 19'.99 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 169 - Aus 766**

**276(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Marine farm**  
Marine and Safety Tasmania Notice M26/2013 (AA656380)

Mariners are advised the marine farm has extended its boundaries as follows:

42° 15'.54 S 145° 18'.75 E  
42° 15'.11 S 145° 19'.57 E  
42° 15'.71 S 145° 20'.13 E  
42° 16'.14 S 145° 19'.30 E.

**Chart temporarily affected - Aus 177**

**277(T)/2013 AUSTRALIA - TASMANIA - Hawkers Point - Pipeline**  
*Date* - Until 3 December 2013  
Marine and Safety Tasmania Notice M34/2013 (AA655987)

Pipe laying operations are in progress in an area, marked by special buoys, bounded by the following positions:

43° 20'.19 S 147° 00'.93 E  
43° 20'.17 S 147° 00'.87 E  
43° 20'.47 S 147° 00'.81 E  
43° 20'.44 S 147° 00'.75 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 173**

**364(T)/2013 AUSTRALIA - TASMANIA - River Tamar - Light beacon destroyed**

Marine and Safety Tasmania Notices M45/2013, M47/2013 (AA662937, AA663470)

No10 light beacon, Q(2)R.4s (41° 23'.71 S 147° 06'.15 E), has been destroyed; a port lateral light buoy, Q(2)R.4s, exists in situ.

**Chart temporarily affected - Aus 168**

**662(T)/2013 AUSTRALIA - TASMANIA - Stanley - North Point - Beacon destroyed**

Marine and Safety Tasmania Notice M70/2013 (AA680160)

The beacon (40° 42'.60 S 145° 16'.25 E) has been destroyed.

**Chart temporarily affected - Aus 790**

**880(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Marine farm**

*Date* - Until 31 October 2013

Marine and Safety Tasmania Notice M81/2013 (AA691365)

Mariners are advised the marine farm has extended its boundaries as follows:

42° 19'.58 S 145° 21'.44 E

42° 20'.14 S 145° 20'.71 E

42° 20'.50 S 145° 21'.16 E

42° 19'.93 S 145° 21'.89 E.

**Chart temporarily affected - Aus 177**

**940(T)/2013 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Beacon destroyed**

Marine and Safety Tasmania Notice M87/2013 (AA693024)

The south cardinal beacon (43° 03'.50 S 147° 19'.81 E) has been destroyed.

**Chart temporarily affected - Aus 171 - Aus 173 - Aus 174**

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

*Former Notice* - 840(T)/2013 is cancelled

Marine and Safety Tasmania Notice M91/2013 (AA697019)

No11 light beacon, F.R (41° 10'.76 S 146° 21'.91 E), has been destroyed.

**Chart temporarily affected - Aus 164**

## PAPUA NEW GUINEA and SOUTH PACIFIC

### 404(T)/2008 PAPUA NEW GUINEA - Port Moresby - Fish aggregation device southwards

*Former Notice* - 665(T)/2006 is cancelled

Department of Transport and Civil Aviation PNG Notice 8/2004 (AA84295)

A fish aggregation device, marked by a buoy, exists in position 9° 44'.5 S 147° 17'.5 E (datum unknown).

**Chart temporarily affected - Aus 379 - Aus 505 - Aus 4620 (INT 620)**

### 66(T)/2011 PAPUA NEW GUINEA - Caution Bay - Harbour works

*Date* - Until 31 January 2013

National Maritime Safety Authority PNG Notice 46/2010 (AA511164)

Works associated with the construction of a jetty are in progress within an area bounded by the following positions:

9° 20'.01 S 146° 58'.80 E

9° 21'.27 S 146° 59'.22 E

9° 21'.21 S 146° 59'.84 E

9° 20'.58 S 146° 59'.61 E

9° 20'.50 S 147° 00'.43 E

9° 19'.97 S 147° 00'.23 E.

A 2M exclusion zone exists from the outside this area and a 0.25M exclusion zone exists around all vessels associated with the works.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 379**

### 709(P)/2011 PAPUA NEW GUINEA - Eastern Fields - Reef delineation

*Date* - On or about 15 July 2011

LADS Flight (AA543779)

Mariners are advised that a survey being undertaken within the Eastern Fields region (10° 05'.0 S 145° 35'.0 E) indicates that the dangers are not in their charted positions. The whole reef system is out of position by up to 1000 metres in a non-uniform direction.

**Chart which will be affected - Aus 377 - Aus 379 - AX 60377**

### 1286(T)/2011 PAPUA NEW GUINEA - Bougainville Island - Lights unlit

*Former Notice* - 1159(T)/2011 is cancelled

National Maritime Safety Authority PNG Notices 22/2011, 46/2011, 52/2011 (AA535709, AA565338, AA569723)

The following lights are unlit:

<i>Location</i>	<i>Position</i>
Otua Island (K4886)	6° 27'.50 S 155° 58'.40 E
Takanupei Island (K4884.4)	6° 08'.86 S 155° 34'.31 E
Dokome Point (K4885.2)	6° 10'.91 S 155° 32'.94 E
Kerekerina Point (K4885)	6° 11'.30 S 155° 33'.56 E
Arawa Bay (K4884.6)	6° 13'.74 S 155° 34'.37 E
Banaru Reef (K4885.7)	6° 08'.30 S 155° 39'.03 E
Moto Reef (K4885.8)	6° 08'.77 S 155° 39'.52 E
Wogoromodo Reef (K4885.6)	6° 10'.12 S 155° 39'.03 E
Cape Laverdy (K4884)	5° 32'.49 S 155° 03'.88 E

**Chart temporarily affected - Aus 399 - Aus 683 - Aus 4622 (INT 622)**

### 609(P)/2012 PAPUA NEW GUINEA - Caution Bay - Nav aids to be established

*Date* - On or about 1 November 2012

ExxonMobil Australia (AA604216, AA604217)

Light beacons and light buoys will be established as follows:

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

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

**904(T)/2012 PAPUA NEW GUINEA - Lae - Dredging operations**

Date - Until 31 January 2014

PNG Ports Corporation Ltd (AA622596 - AA622602)

Dredges *Tianji* and *Jinhangjun* 406 and support vessels are conducting dredging operations associated with the new harbour development in an area bounded by the following:

Position	Remarks
6° 43'.81 S 146° 58'.15 E	
6° 43'.57 S 146° 58'.83 E	
6° 44'.21 S 146° 58'.84 E	
6° 44'.24 S 146° 58'.92 E	
6° 44'.53 S 146° 58'.86 E	special pillar light buoy, Q.Y
6° 44'.83 S 146° 59'.06 E	special pillar light buoy, Q.Y
6° 44'.83 S 146° 58'.51 E	special pillar light buoy, Q.Y
6° 44'.35 S 146° 58'.56 E.	

An exclusion zone exists within this area.

A lit floating pipeline exists between positions 6° 44'.54 S 146° 58'.84 E and 6° 44'.22 S 146° 58'.69 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 643**

**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**

**164(T)/2013 PAPUA NEW GUINEA - Nuakata Passage - Oreore Channel - Light beacon destroyed**

National Maritime Safety Authority PNG Notice 2(T)/2013 (AA650413)

The port lateral light beacon, *Q.R* (10° 13'.69 S 150° 52'.77 E), has been destroyed.

**Chart temporarily affected - Aus 628**

**166(T)/2013 PAPUA NEW GUINEA - Condor Point - Light unlit**

National Maritime Safety Authority PNG Notice 4(T)/2013 (AA649248)

The light, *Fl(2)8s 15m 10M* (4° 07'.12 S 144° 51'.70 E), is unlit.

**Chart temporarily affected - Aus 388 - Aus 4622 (INT 622)**

**351(T)/2013 PACIFIC OCEAN - Scientific instruments**

Former Notice - 873(T)/2012 is cancelled

JAMSTEC (AA660644)

Scientific instruments, Triton buoys, exist as follows:

<i>Number</i>	<i>Position</i>
4	0° 00'.97 N 156° 02'.50 E
5	2° 01'.03 S 155° 57'.52 E
6	5° 02'.01 S 156° 01'.54 E
9	0° 03'.54 N 147° 00'.68 E.

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

**771(T)/2013 PAPUA NEW GUINEA - Cape Sueusat - Light unlit**

National Maritime Safety Authority PNG Notice 34(T)/2013 (AA686044)

The light, *Fl.5s 9m 10M* (2° 37'.02 S 150° 46'.60 E), is unlit.

**Chart temporarily affected - Aus 392 - Aus 393 - Aus 543 - Aus 666**

**824(T)/2013 PAPUA NEW GUINEA - Cape Croisilles - Light unlit**

National Maritime Safety Authority PNG Notice 37/2013 (AA688010)

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

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

**918(T)/2013 PAPUA NEW GUINEA - Port Moresby - Lark Patch - Light beacon destroyed**

National Maritime Safety Authority PNG Notice 39(T)/2013 (AA692723)

The light beacon, *Fl.R.3s 7m 4M* (9° 31'.56 S 147° 08'.53 E), has been destroyed.

**Chart temporarily affected - Aus 505 - Aus 621**

**981(T)/2013 PAPUA NEW GUINEA - Cape St George - Light unlit**

National Maritime Safety Authority PNG Notice 40(T)/2013 (AA695289)

The light, *Fl.5s 101m 10M* (4° 50'.86 S 152° 52'.61 E), is unlit.

**Chart temporarily affected - Aus 397 - Aus 398 - Aus 554 - Aus 668 - Aus 4060 (INT 60) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - AX 04604U**



EAST TIMOR

NIL

## MISCELLANEOUS

### **738(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES**

*Former Notice* - 371(T)/2013 is cancelled

Australian Hydrographic Service (AA667596)

TEMPORARY AND PRELIMINARY NOTICES

**Chart temporarily affected -**