

# Supplement IV

## TEMPORARY AND PRELIMINARY NOTICES In force on 28 June 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**

#### **748(T)/2011 AUSTRALIA - NEW SOUTH WALES - Cape Baily to Ben Buckler - Scientific instruments**

*Former Notice - 49(T)/2010 is cancelled*

*Date - Until 30 June 2013*

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

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

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

**Chart temporarily affected - Aus 197 - Aus 808 - Aus 809 - AX 0808S - AX 0809S**

#### **750(T)/2011 AUSTRALIA - NEW SOUTH WALES - Manly - Scientific instruments**

*Former Notice - 1009(T)/2009 is cancelled*

*Date - Until 30 June 2013*

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

Subsurface scientific instruments exist in positions:

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

**Chart temporarily affected - Aus 197 - Aus 200 - Aus 201 - AX 6201F - AX 63200**

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

*Date - **Until 30 April 2013***

Sydney Ports Corporation (AA562429)

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 198 – Aus 199**

**297(T)/2013 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Hayes Dock - Light buoy established**

Sydney Ports Corporation Notice 7/2013 (AA657928)

A north cardinal light buoy, Q, exists in position 33° 57'.53 S 151° 12'.05 E.

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

**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

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

Former Notice - 395(T)/2013 is cancelled  
Newcastle Port Corporation (AA672872)

Available depths as at 16 May 2013:

Berth	Metres	Remarks
* Eastern Basin 1	11.3	
Eastern Basin 2 North of Ch 450	11.6	
Eastern Basin 2 South of Ch 450	11.6	
Western Basin 3	11.6	
Western Basin 4	11.6	
Channel Berth	9.7	
Dyke 1	12.8	
Dyke 2	12.8	
Dyke 4	16.5	
Dyke 5	15.9	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.8	
BHP Wharf 6 to Ch 1050	7.3	
Kooragang 2	11.6	
Kooragang 2 North Dolphin Ch 182 to 228	11.6	
Kooragang 2 South Dolphin Ch -92 to 00	11.0	
Kooragang 3	13.2	
Kooragang 4	16.5	
Kooragang 5	16.5	
Kooragang 6	16.4	
Kooragang 7	16.5	
Kooragang 8	16.2	
Kooragang 9	16.0	
* Kooragang 10	16.3	
Throsby 1	8.4	
Carrington Wharf		To be sounded as and when required
Foreshore Park Berth	5.9	
Elgo Wharf		To be sounded as and when required
<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 revised entry.

**Chart temporarily affected - Aus 207 - Aus 208**

**593(T)/2013 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Garden Island - Mooring buoys**

*Date* - Until 22 July 2013

MAGI (AA678056)

No3 mooring buoy (33° 51'.51 S 151° 14'.31 E) will be repositioned to 33° 51'.63 S 151° 14'.20 E and renumbered to No2.

No3B mooring buoy (33° 51'.51 S 151° 14'.46 E) will be repositioned to 33° 51'.58 S 151° 14'.52 E and renumbered to No3.

A lit mooring buoy, *Fl. Y.2.5s No4*, will be established in position 33° 51'.85 S 151° 14'.17 E.

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

**594(T)/2013 AUSTRALIA - NEW SOUTH WALES - Lake Macquarie - Moon Island - Light altered**

*Date* - Until 30 November 2013

NSW Roads and Maritime Services (AA678011, AA678012)

The light (33° 05'.21 S 151° 40'.40 E) has been temporarily altered to *Is. WR.2s* with sectors White 078° - 010° (292°), Red 010° - 078° (68°).

**Chart temporarily affected – Aus 489 – Aus 809 – AX 00809S**

**644(P)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Precautionary area**

*Date* - On or about 12 July 2013

Newcastle Port Corporation (AA679287)

A precautionary area exists in an area bounded by the following positions:

32° 57'.87 S 151° 50'.54 E

32° 59'.58 S 151° 52'.72 E

32° 58'.85 S 151° 53'.53 E

32° 57'.14 S 151° 51'.35 E.

The precautionary area centred on 32° 57'.5 S 151° 52'.5 E has been revoked.

*Note:* A block update will be issued in due course.

**Chart which will be affected – Aus 207 – Aus 809 – AX 00809S**

## QUEENSLAND

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

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

Maritime Safety Queensland Notice 389/2008 (AA345287)

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

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

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

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

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

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

20° 16'.070 S 148° 42'.400 E

20° 16'.070 S 148° 42'.402 E

20° 16'.056 S 148° 42'.401 E

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

### **667(T)/2009 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Wreck**

Maritime Safety Queensland Notice 332(T)/2009 (AA408578)

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

**Chart temporarily affected – Aus 257**

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

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

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

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

### **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**

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

*Former Notice* - 1196(T)/2010 is cancelled  
Maritime Safety Queensland Notice 980(T)/2010 (AA503397)

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

**Chart temporarily affected - Aus 830**

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242**

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

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

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

**Chart temporarily affected - Aus 254**

**223(T)/2011 AUSTRALIA - QUEENSLAND - Dugong Island - Wreck**  
Maritime Safety Queensland Notice 164(T)/2011 (AA518402)

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 246**

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

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

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

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

23° 45'.0 S 151° 09'.8 E

23° 45'.0 S 151° 10'.0 E

23° 46'.4 S 151° 10'.4 E

23° 46'.4 S 151° 10'.0 E.

Mooring buoys exist within the area.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 245**

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

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

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

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

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

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

*Date - Until 30 June 2013*

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

Subsurface scientific instruments exist in positions:

23° 45'.91 S 151° 10'.93 E

23° 45'.81 S 151° 11'.11 E

23° 45'.33 S 151° 10'.48 E

23° 45'.23 S 151° 10'.66 E

23° 42'.44 S 151° 08'.84 E

23° 42'.34 S 151° 09'.05 E

23° 41'.39 S 151° 08'.20 E

23° 41'.29 S 151° 08'.41 E.

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

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

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

*Date - Until 21 July 2011*

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

AA395818, AA396377, AA492668, AA532382, AA540981)

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

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

Nav aids exist as follows:

<i>Position</i>	<i>Remarks</i>
27° 15'.84 S 153° 04'.62 E	port beacon
27° 15'.95 S 153° 04'.75 E	starboard buoy
27° 15'.97 S 153° 04'.74 E	port buoy
27° 16'.56 S 153° 04'.29 E	lit starboard buoy, <i>Fl.G.2.5s</i>
27° 16'.60 S 153° 04'.26 E	lit port buoy, <i>Fl.R.2.5s</i>
27° 16'.57 S 153° 04'.11 E	lit starboard buoy, <i>Fl.G.2.5s</i>
27° 16'.59 S 153° 04'.09 E	lit port buoy, <i>Fl.R.2.5s</i>

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

Mariners should navigate with caution in the area.

#### **Chart temporarily affected – Aus 236**

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

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

*Date* - Until 31 July 2011

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

*Former Notice* - 444(T)/2010 is cancelled

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

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

Mariners are advised to navigate with caution in the area.

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

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

*Former Notice* - 1052(T)/2006 is cancelled

Maritime Safety Queensland Notice 685/2011 (AA546595)

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

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

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

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

*Former Notice* - 474(T)/2011 is cancelled

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

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

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

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

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

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

Available depths as at 29 July 2011:

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

\* Indicates revised entry.

**Chart temporarily affected – Aus 258**

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

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

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

**Chart temporarily affected - Aus254 - Aus825**

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

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

*Date - Until 30 June 2013*

Australian Institute of Marine Science (AA546309)

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

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

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

Maritime Safety Queensland Notice 871/2011 (AA556300)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**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**

**1154(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Smiths Creek - Wreck**

Maritime Safety Queensland Notice 1021(T)/2011 (AA562436)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 264**

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

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

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

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

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

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

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

20° 15'.87 S 148° 42'.60 E  
20° 15'.88 S 148° 42'.60 E  
20° 15'.87 S 148° 42'.56 E.

**Chart temporarily affected - Aus 268**

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 270**

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

*Date* - Until 30 June 2013

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

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

**Chart temporarily affected – Aus 255 – Aus 826**

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

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

Available depths as at 2 January 2012:

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

\* Indicates revised entry.

**Chart temporarily affected – Aus 293 – Aus 299**

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

*Date* - Until 30 September 2013

CSIRO (AA586284)

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

**Chart temporarily affected - Aus 814**

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

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

*Date* - Until 31 December 2012

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

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

23° 46'.87 S 151° 10'.14 E  
23° 46'.69 S 151° 10'.70 E  
23° 46'.68 S 151° 11'.06 E  
23° 46'.94 S 151° 11'.59 E  
23° 47'.06 S 151° 11'.96 E  
and  
23° 47'.06 S 151° 11'.96 E  
23° 46'.77 S 151° 11'.65 E  
and  
23° 46'.56 S 151° 10'.03 E  
23° 46'.65 S 151° 10'.71 E  
23° 46'.64 S 151° 10'.88 E  
23° 46'.56 S 151° 11'.12 E  
23° 46'.38 S 151° 11'.38 E  
and

23° 46'.65 S 151° 10'.71 E  
23° 46'.31 S 151° 10'.98 E  
23° 46'.07 S 151° 11'.07 E  
and  
23° 46'.18 S 151° 09'.95 E  
23° 45'.49 S 151° 10'.34 E  
23° 45'.40 S 151° 10'.55 E  
and  
23° 48'.52 S 151° 12'.98 E  
23° 49'.14 S 151° 12'.61 E.

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

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

*Date - Until 1 May 2012*

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

**Chart temporarily affected - Aus 6**

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

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

The light beacon, *Fl.R.2.5s* (20° 04'.71 S 148° 54'.05 E) has been destroyed.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 252 – Aus 254**

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 236**

**602(T)/2012 AUSTRALIA - QUEENSLAND - Curtis Channel - Wreck**  
Maritime Safety Queensland Notice 579(T)/2012 (AA603887)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 818**

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

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

*Date* - Until 15 November 2012

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

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

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

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

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

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

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

**Chart temporarily affected - Aus 236**

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

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

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

Available depths as at 20 June 2012:

	<i>Metres</i>	<i>Remarks</i>
* Entrance Channel	14.8	Between No 4 beacon and the northern end.
	15.0	Seaward of beacon No 4.
HPS Berth No 1	16.5	
HPS Berth No 2	16.7	
* DBCT Berth No 1	17.7	
* DBCT Berth No 2	18.1	
DBCT Berth No 3	18.1	
* DBCT Berth No 4	17.9	
* Tug Harbour entrance channel	5.1	Lesser depths exist close to the outer edges of the channel and around tug berths and piers.

\* Indicates revised entry.

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

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

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

*Former Notice* - 1142(T)/2011 is cancelled

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

Available depths as at 4 July 2012:

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

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

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

**Chart temporarily affected - Aus 230**

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

Date - Until 10 July 2013  
Maritime Safety Queensland Notice 693(T)/2012 (AA610813)

Subsurface scientific instruments exist in the following positions:

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 230**

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

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

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

**Chart temporarily affected – Aus 236**

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

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

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

**Chart temporarily affected – Aus 246 – Aus 819**

**749(T)/2012 AUSTRALIA - QUEENSLAND - Taylor Point - Obstruction**

Maritime Safety Queensland Notice 734(T)/2012 (AA612981)

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

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

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

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

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

**Chart temporarily affected – Aus 240 – Aus 241**

**858(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Shoaling**

Maritime Safety Queensland Notice 886(T)/2012 (AA620069)

Shoaling, with a least depth of 8.4m, exists in position 21° 06'.36 S 149° 15'.05 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 250**

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

*Former Notice* - 508(T)/2012 is cancelled

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

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

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

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

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

*Date* - Until 31 August 2013

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

Barges *MB 2448* and *MB 2421* and support vessels *MT Fury* and split hopper dumb barges are conducting piling and dredging operations at berths 8 and 10 in areas bounded by the following:

<i>Position</i>	<i>Remarks</i>
19° 15'.04 S 146° 49'.96 E	
19° 15'.02 S 146° 49'.97 E	
19° 15'.03 S 146° 50'.00 E	
19° 15'.13 S 146° 49'.96 E	special light buoy, <i>Fl.Y.4s</i>
19° 15'.14 S 146° 49'.98 E	special light buoy, <i>Fl.Y.4s</i>
19° 15'.15 S 146° 50'.00 E,	
and	
19° 15'.15 S 146° 49'.85 E	
19° 15'.10 S 146° 49'.87 E	special light buoy, <i>Fl.Y.4s</i> .
19° 15'.07 S 146° 49'.88 E	special light buoy, <i>Fl.Y.4s</i> .
19° 15'.04 S 146° 49'.89 E	special light buoy, <i>Fl.Y.4s</i>
19° 15'.01 S 146° 49'.90 E	special light buoy, <i>Fl.Y.4s</i> .
19° 14'.98 S 146° 49'.91 E	special light buoy, <i>Fl.Y.4s</i> .
19° 14'.95 S 146° 49'.91 E	special light buoy, <i>Fl.Y.4s</i> .
19° 14'.94 S 146° 49'.88 E	special light buoy, <i>Fl.Y.4s</i> .
19° 14'.96 S 146° 49'.85 E	special light buoy, <i>Fl.Y.4s</i> .
19° 15'.01 S 146° 49'.84 E.	

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

During the works the berths are closed to shipping.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 257**

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

*Former Notice* - 204(T)/2012 is cancelled

Maritime Safety Queensland (AA616388)

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

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

**864(T)/2012 AUSTRALIA - QUEENSLAND - Cairns - Depth information**

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

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

Available depths as of 14 August 2012:

	<i>Metres</i>	<i>Remarks</i>
* Entrance Channel	8.3	
Crystal Swing Basin at:		
360 metre diameter	6.8	
380 metre diameter	6.4	
Swing Basin at:		

310 metre diameter	8.7	
320 metre diameter	7.8	
Marlin Marina	4.2	
Berths:		
No 1	8.4	
No 2	8.5	
No 3	8.4	
No 4	8.4	
No 5	8.2	
No 6	8.1	between 500 metres and 550 metres
No 6	7.7	between 550 metres and 600 metres
No 7	9.9	
No 8	10.0	
No 10	9.3	
No 12	10.5	
Smiths Creek 1	4.7	
* Indicates revised entry.		

**Chart temporarily affected - Aus 262 - Aus 263 - Aus 264 - Aus 830**

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

*Former Notice - 609(T)/2011 is cancelled*

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

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

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

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

*Date - Until 31 March 2013*

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

Light buoys exist in the following positions:

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

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

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

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

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

**Chart temporarily affected - Aus 236**

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

*Former Notice - 999(T)/2012 is cancelled*

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

An exclusion zone exists in an area bounded as follows:

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

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

**1090(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Depth information**

*Former Notice - 955(T)/2012 is cancelled*

Maritime Safety Queensland Notice 1170(T)/2012 (AA633129)

Available depths as at 6 September 2012:

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

**Chart temporarily affected - Aus 250**

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

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

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

**Chart temporarily affected - Aus 270**

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

*Former Notice - 417(T)/2011 is cancelled*

*Date - Until 15 June 2014*

Maritime Safety Queensland (AA639719)

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 252 – Aus 253**

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

*Former Notice - 1036(T)/2011 is cancelled*

*Date - Until 5 November 2013*

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

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

**Chart temporarily affected – Aus 256**

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 236**

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

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

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

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

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

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

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

Available depths as at 6 December 2012:

*Metres*

* 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**

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

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

**Chart temporarily affected - Aus 819**

**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>
Sea Channels:	
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
Inner Channels:	
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
Berths:	
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

##### 205(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations

*Former Notice* - 1049(T)/2012 is cancelled

*Date* - Until 30 May 2013

Maritime Safety Queensland Notices 122(T)/2013, 123(T)/2013 (AA653160, AA653161)

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

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

A 50m exclusion zone exists around the dredge.

Mariners are advised to navigate with caution in the area.

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

##### 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:

Number	Position	Characteristic
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**

**209(T)/2013 AUSTRALIA - QUEENSLAND - Keppel Bay - Sea Hill Point - Light buoy**

*Date* - Until 18 April 2013

Maritime Safety Queensland Notice 137(T)/2013 (AA653495)

A starboard lateral light buoy, Q.G, exists in position 23° 28'.40 S 150° 57'.23 E.

**Chart temporarily affected - Aus 247 - Aus 265 - Aus 819**

**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**

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

*Date* - Until 30 June 2013

Maritime Safety Queensland Notices 131(T)/2013, 181(T)/2013 (AA653501, AA654025)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
16° 46'.84 S 145° 48'.60 E	subsurface
16° 48'.58 S 145° 48'.32 E	subsurface
16° 51'.28 S 145° 49'.04 E	special light buoy, <i>Q. Y</i>
16° 52'.15 S 145° 48'.53 E	unlit buoy.

**Chart temporarily affected - Aus 262 - Aus 830 - AX 63262 - AX A0830T**

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

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**

**304(T)/2013 AUSTRALIA - QUEENSLAND - Greering Shoals - Buoy off station Northwards**  
Maritime Safety Queensland Notice 230(T)/2013 (AA657910)

The north cardinal light buoy (26° 36'.64 S 153° 10'.11 E) is off station.

**Chart temporarily affected - Aus 815**

**307(T)/2013 AUSTRALIA - QUEENSLAND - Fitzroy Island - Light buoy off station**  
Maritime Safety Queensland Notice 237(T)/2013 (AA658517)

The light buoy, *Fl.G.2.5s*, (16° 55'.83 S 145° 59'.15 E) is off station.

**Chart temporarily affected - Aus 830**

**308(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Light buoys**  
Maritime Safety Queensland Notice 235(T)/2013 (AA658519)

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

- 16° 56'.35 S 145° 46'.79 E
- 16° 56'.33 S 145° 46'.82 E
- 16° 56'.31 S 145° 46'.79 E.

**Chart temporarily affected - Aus 262 - Aus 263 - Aus 830**

**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**

**342(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Dredging operations**  
*Former Notice* - 201(T)/2013 is cancelled  
*Date* - Until 28 February 2014  
Maritime Safety Queensland Notice 243(T)/2013 (AA662217)

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.

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**

**344(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Hamilton Point to North Passage Island - Scientific instruments**  
*Date* - Until 20 May 2013  
Maritime Safety Queensland Notice 251(T)/2013 (AA662943)

Subsurface scientific instruments exist in positions 23° 47'.97 S 151° 12'.81 E and 23° 46'.27 S 151° 11'.19 E.

**Chart temporarily affected - Aus 245**

**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)/2013 (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**

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

Former Notice - 864(T)/2012 is cancelled

Maritime Safety Queensland Notice 304(T)/2013 (AA666666)

Available depths as of 12 April 2013:

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

\* Indicates revised entry.

**Chart temporarily affected - Aus 262 - Aus 263 - Aus 264 - Aus 830**

**460(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Light buoy repositioned**

Former Notice - 259(T)/2013 is cancelled

Date - Until 24 May 2013

Maritime Safety Queensland Notice 322(T)/2013 (AA668447)

NE2 port lateral light buoy, *Fl.R.2.5s* (26° 57'.46 S 153° 20'.51 E), has been repositioned to 26° 57'.60 S 153° 20'.33 E.

**Chart temporarily affected - Aus 235 - Aus 814 - Aus 815**

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

Date - Until 30 June 2013

Maritime Safety Queensland Notice 321(T)/2013 (AA668451)

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**

**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**

**464(T)/2013 AUSTRALIA - QUEENSLAND - Keppel Bay - Scientific instrument**

*Date* - Until 5 June 2013

Maritime Safety Queensland Notice 341(T)/2013 (AA668942)

A subsurface scientific instrument marked by 3 white poly floats exists in position 23° 27'.18 S 150° 55'.02 E.

**Chart temporarily affected - Aus 247 - Aus 265 - Aus 819**

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

*Former Notice* - 347(T)/2013 is cancelled

*Date* - Until 30 June 2013

Maritime Safety Queensland Notice 335(T)/2013 (AA668921)

Diving operations are in progress in the vicinity position 21° 15'.88 S 149° 18'.77 E.

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

Mariners are advised to navigate with caution in the area.

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

**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

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

*Former Notice* - 458(T)/2013 is cancelled

*Date* - Until 30 June 2014

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

Construction works on the Gold Coast bridge are in progress.

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

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

Mariners are advised to navigate with caution in the area.

#### Chart temporarily affected - Aus 230

##### **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

##### **597(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Peel Island - Artificial reef**

*Date* - Until 30 June 2013

Maritime Safety Queensland Notice 458(T)/2013 (AA677929)

An artificial reef is being developed in an area bounded by the following positions:

27° 29'.84 S 153° 18'.64 E

27° 29'.84 S 153° 18'.94 E

27° 30'.38 S 153° 18'.94 E

27° 30'.38 S 153° 18'.64 E.

#### Chart temporarily affected - Aus 236

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

*Former Notice* - 104(T)/2013 is cancelled

Maritime Safety Queensland Notice 460(T)/2013 (AA678135)

Available depths as at 12 June 2013:

	<i>Metres</i>
* Sea Reach	6.5
* Middle Reach	6.5
* Inner Reach	6.5
* Swing Basin	5.5
* Oil Berth	7.2
* BST Berth	8.7
* Deep draught departure channel	6.5

\* Indicates revised entry.

**Chart temporarily affected – Aus 242 – Aus 243**

**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**

**601(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - Harbour works**

*Date - Until 23 July 2013*

Maritime Safety Queensland Notice 462(T)/2013 (AA678154)

Construction works are in progress in position 21° 17'.49 S 149° 18'.00 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 250**

**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**

**603(T)/2013 AUSTRALIA - QUEENSLAND - Weipa - Dredging operations**

*Date - Until 24 July 2013*

Maritime Safety Queensland Notice 405(T)/2013 (AA674286)

The dredge *Brisbane* is conducting dredging operations in the South Channel (12° 41'.2 S 141° 45'.0 E) and harbour.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 4**

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

*Former Notice - 596(T)/2013 is cancelled*

Brisbane Port Corporation (AA680904)

Available depths and under keel clearances (UKC) at 26 June 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No12	13.9	
Fisherman Islands No11	13.3	
* Fisherman Islands No10	13.2	
Fisherman Islands No9	13.2	
* Fisherman Islands No8	13.0	
Fisherman Islands No7	13.2	
Fisherman Islands No6	13.6	
Fisherman Islands No5	13.2	
Fisherman Islands No4	13.0	
Fisherman Islands No3	12.9	
Fisherman Islands No2	13.0	
Fisherman Islands No1	12.9	

Fisherman Islands Grain and Woodchip	12.1
Caltex Fisherman Islands	14.3
* Fisherman Islands Coal	14.0
* Fisherman Islands General Purpose	10.5
BP Luggage Point	13.7
Caltex Products	10.0
* Cement Australia Co Wharf	9.6
BP Products	10.3
* Shell	10.5
Pacific Terminals	10.5
Incitec North	10.0
* Incitec South	9.9
Pinkenba 1	10.4
Pinkenba 2	10.4
Riverside Marina	-
Sugar Terminal	9.8
Cairncross Fitting Out Wharf	7.4
Cairncross Breasting Wharf	5.5
Brisbane Naval Wharf	4.3
Maritime No1	8.5
Hamilton No4	10.0
Hamilton No1	8.3
Brisbane Cruise Ship Terminal	8.2

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

<i>Brisbane River:</i>		
Outer Bar Cutting	14.0	1.46
* Inner Bar Cutting	13.8	1.46
Fisherman Islands Swing Basin	13.9	1.3
* River	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	8.5	0.6 / 0.9 (draft/tide)

\* Indicates new or revised entry.

#### **Chart temporarily affected – Aus 235 – Aus 236 – Aus 237 – Aus 238 – Aus 814 – Aus 815**

#### **646(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Russell Island - Pile driving**

*Date* - Until 16 July 2013

Maritime Safety Queensland Notice 481(T)/2013 (AA680391)

The barges *Gosford* and *Todkills Barge* are conducting pile driving operations in the vicinity of position 27° 38'.73 S 153° 22'.88 E.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected – Aus 236**

#### **647(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling**

*Former Notice* - 343(T)/2013 is cancelled

Maritime Safety Queensland Notice 468(T)/2013 (AA678935)

A least depth of 3.2m exists within the main channel to Mooloolah River.

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

#### **Chart temporarily affected – Aus 235**

#### **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	<i>Q (F Day) &amp; Fl.G.4s</i>	Front lead
IRAR	24° 45'.900 S 152° 22'.746 E	<i>Iso.2s (F Day)</i>	Rear lead
No22	24° 45'.833 S 152° 22'.949 E	<i>Fl.R.4s</i>	No24 renumbered
No24	24° 45'.994 S 152° 22'.893 E	<i>Fl.R.4s</i>	No26 renumbered

Light buoys have been established as follows:

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

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

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

#### **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:

<i>Position</i>	<i>Remarks</i>
23° 09'.14 S 150° 47'.75 E	special light buoy, <i>Fl.Y.2s</i>
23° 09'.15 S 150° 47'.46 E	
23° 09'.24 S 150° 47'.42 E	special light buoy, <i>Fl.Y.2s</i>
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**

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

Date - Until 16 August 2013

Maritime Safety Queensland Notice 442(T)/2013 (AA677073)

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

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

22° 21'.20 S 150° 10'.52 E	22° 20'.35 S 150° 12'.00 E
22° 16'.94 S 150° 12'.07 E	22° 14'.92 S 150° 20'.06 E
22° 14'.76 S 150° 20'.31 E	22° 12'.28 S 150° 25'.00 E
22° 09'.00 S 150° 25'.00 E	22° 09'.00 S 150° 37'.00 E
22° 14'.38 S 150° 37'.00 E	22° 19'.92 S 150° 45'.05 E
22° 29'.13 S 150° 49'.71 E	22° 40'.48 S 150° 55'.01 E
22° 46'.87 S 150° 53'.01 E	22° 46'.20 S 150° 48'.51 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 260 – Aus 261 – Aus 367 – Aus 820 – Aus 822 – AX 67248 – AX 67261 – AX 00260S – AX 00260T – AX 00367S – AX 00820S – AX 00822S**

#### **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**

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

*Former Notice - 402(T)/2013 is cancelled*

Maritime Safety Queensland Notice 477(T)/2013 (AA678924)

Available depths as at 17 June 2013:

	<i>Metres</i>	<i>Remarks</i>
* Sea Channel	11.8	
Platypus Channel	12.0	
Outer Harbour:		
* Arrival Channel	6.7	Less depth at southern end
Departure Channel	10.8	
Inner Harbour:		
Harbour	11.9	
Berths:		
No 1	12.1	
No 2	12.5	
No 3	12.0	
No 4	10.5	
No 7	10.6	
Between No 7 and No 8	10.6	Seaward of 0 mark at No 7
No 8	-	Works in progress
No 9	11.6	
* Between No 9 and No 10	8.1	Seaward of 0 mark at No 10
* No 10	11.0	
No 11	10.8	
Ross River Channel	1.8	Based on survey results dated 20 December 2012
Ross River	-	Upstream of bridge
Ross Creek	-	From Reef HQ to swing basin

\* Indicates revised entry.

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

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

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

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

Available depths as at 24 June 2013:

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

\* Indicates revised entry.

**Chart temporarily affected – Aus 270**

## NORTHERN TERRITORY

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

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

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

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

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

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

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

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

*Date* - Until 31 August 2014

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

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

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

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

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

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

The following nav aids are off station:

11° 51'.65 S 130° 35'.07 E	starboard lateral light buoy, <i>Fl.G.5s</i>
11° 49'.87 S 130° 36'.69 E	starboard lateral light buoy, <i>Fl.G.5s</i>
11° 48'.90 S 130° 38'.08 E	starboard lateral light buoy, <i>Fl.G.5s</i>
11° 48'.00 S 130° 39'.06 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 46'.35 S 130° 39'.99 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 46'.01 S 130° 39'.88 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 44'.22 S 130° 37'.69 E	port lateral light buoy, <i>Fl.R.5s</i>

11° 43'.85 S 130° 36'.08 E starboard lateral light buoy, *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**

**410(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Channel Island to Preston Point - Scientific instruments**  
*Former Notice - 1095(T)/2012 is cancelled*  
Darwin Port Corporation (AA667317)

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

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

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

**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**

**605(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Light buoys**  
*Former Notice - 562(T)/2013 is cancelled*  
*Date - Until 31 July 2013*  
Darwin Port Corporation Notice 91(T)/2013 (AA677924)

Special spar light buoys, *Q.Y.*, exist in positions 12° 30'.234 S 130° 52'.728 E and 12° 30'.288 S 130° 52'.728 E.

**Chart temporarily affected – Aus 26 – Aus 27 – Aus 28 – AX 00026T**

**606(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Quail Island - Military exercise**  
*Date - Until 19 June 2013*  
Gibson Nominees Pty Ltd (AA675446)

Explosive demolitions will be conducted on the 17 and 18 June 2013. An exclusion zone exists within a 5500m radius of position 12° 31'.14 S 130° 26'.13 E.

**Chart temporarily affected – Aus 29 – Aus 309 – Aus 316 – Aus 722 – AX 00309T – AX 00309U – AX 00722T**

**654(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - West Point to Elizabeth River - Light buoys**  
*Former Notice - 519(T)/2013 is cancelled*  
*Date - Until 30 November 2014*  
Darwin Port Corporation Notice 97(T)/2013 (AA680168)

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

12° 26'.12 S 130° 46'.20 E  
12° 29'.25 S 130° 48'.00 E  
12° 29'.48 S 130° 48'.16 E  
12° 32'.88 S 130° 50'.75 E  
12° 29'.82 S 130° 52'.41 E  
12° 33'.05 S 130° 52'.41 E  
12° 30'.69 S 130° 54'.07 E.

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

12° 29'.27 S 130° 51'.42 E  
12° 29'.78 S 130° 52'.08 E  
12° 29'.74 S 130° 53'.10 E  
12° 31'.77 S 130° 56'.14 E.

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

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

*Former Notice - 476(T)/2013 is cancelled*

Darwin Port Corporation Notice 99(T)/2013 (AA680123)

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'.62 S 130° 55'.90 E  
12° 31'.02 S 130° 55'.99 E  
12° 31'.13 S 130° 55'.74 E  
12° 30'.57 S 130° 55'.28 E  
12° 30'.97 S 130° 54'.50 E  
12° 30'.71 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.

Mariners are advised to navigate with caution in the area.

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

## WESTERN AUSTRALIA

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

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

Department for Planning and Infrastructure WA (AA400740)

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

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

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

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

Department of Transport WA (AA465142)

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

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

Mariners are not to use these buoys as moorings.

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

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

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

MetOcean Engineers (AA472066)

Scientific instruments exist as follows:

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

**Chart temporarily affected - Aus 327**

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

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

Port Hedland Port Authority Notice 5/2010 (AA477996)

Available depths as at 31 March 2010:

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

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

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

*Date* - Until 31 August 2012

CSIRO (AA520991, AA520995)

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

**Chart temporarily affected – Aus 755 – AX 0755S – AX 66002**

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

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

*Date* - Until 10 December 2011

Department of Transport WA Notice 93/2011 (AA546427)

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

*Date* - Until 31 May 2012

MetOcean Engineers (AA552557)

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

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

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

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

Dampier Port Authority Notice 1/2012 (AA578115)

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

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

**Chart temporarily affected – Aus 57 – Aus 58**

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

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

*Date* - Until 30 June 2013

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

Available depths as of 11 April 2012:

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 119****474(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Koombana Bay - Scientific Instrument**

*Date - Until 30 January 2014*

Department of Transport WA Notice 46/2012 (AA596083)

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

**Chart temporarily affected – Aus 115****524(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Harbour works**

*Date - Until 14 December 2012*

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 113****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:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
13° 07'.66 S 128° 11'.59 E	subsurface
12° 56'.11 S 128° 23'.90 E	subsurface
12° 48'.03 S 128° 25'.46 E	<i>Fl(5)Y.20s</i>
12° 47'.66 S 128° 25'.83 E	<i>Fl(5)Y.20s</i>
12° 47'.64 S 128° 25'.06 E	subsurface
12° 47'.26 S 128° 25'.43 E	<i>Fl(5)Y.20s.</i>

**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**

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

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

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

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

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

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

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

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

Available depths as at 17 October 2012:

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

\* Indicates revised entry.

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

**Chart temporarily affected – Aus 113**

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

*Date* - Until 31 October 2014

Department of Transport WA (AA631861, AA831862)

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

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

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

*Date* - Until 30 April 2013

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

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

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

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

*Date* - Until 31 August 2013

Department of Transport WA Notice 98/2012 (AA630905)

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

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

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

**Chart temporarily affected - Aus 116**

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

*Date* - Until 15 January 2013

Department of Transport WA Notice 103/2012 (AA634951)

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 109**

**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**

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

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

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

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

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

**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**

**111(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Lambert - Light beacons to be established**

Date - On or about 15 June 2013

Department of Transport WA Notice 140/2012 (AA644892)

Light beacons exist as follows:

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

**Chart which will be affected - Aus 55 - Aus 56**

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

Date - Until 31 January 2014

Department of Transport WA Notice 10/2013 (AA645987)

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

21° 27'.92 S 115° 10'.19 E

21° 29'.91 S 115° 06'.16 E

21° 34'.01 S 115° 01'.10 E

21° 36'.17 S 115° 08'.97 E

21° 36'.31 S 115° 04'.62 E

21° 36'.45 S 115° 04'.01 E

21° 36'.86 S 115° 04'.49 E

21° 40'.02 S 115° 00'.63 E.

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

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

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

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

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

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

**221(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Light beacons removed**

*Former Notice - 1157(T)/2012 is cancelled*  
Dampier Port Authority Notice 7/2013 (AA652949)

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

Name	Position	Light buoy characteristic
No 13	20° 34'.72 S 116° 45'.51 E	Fl.R.3s
No 14	20° 34'.80 S 116° 45'.67 E	Fl.Y.1-5s.

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

**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 - AX A0754S**

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

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

Australian Maritime Safety Authority Aus coast 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**

**356(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwards**

Australian Maritime Safety Authority Aus coast Warning 103/2013 (AA664930)

Drill rig *ENSCO 109* is conducting drilling operations in position 20° 00'.38 S 115° 38'.29 E.

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

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

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

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**

**360(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments**

*Former Notice* - 1301(T)/2012 is cancelled

*Date* - Until 31 December 2013

MetOcean Engineers (AA663524)

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

21° 22'.08 S 114° 50'.93 E  
21° 31'.75 S 115° 01'.82 E  
21° 34'.97 S 115° 01'.28 E  
21° 35'.00 S 115° 01'.28 E  
21° 39'.27 S 115° 00'.04 E  
21° 39'.29 S 115° 00'.09 E.

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

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

*Former Notice* - 223(T)/2013 is cancelled

Chevron Australia Pty Ltd (AA666496)

Drill rig *Atwood Osprey* is conducting drilling operations in position 20° 24'.50 S 114° 50'.98 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

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**

**427(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Airlie Island - Drill rig westwards**

Date - Until 7 June 2013

Australian Maritime Safety Authority Aus coast Warning 111/2013 (AA666723), MODU *ENSCO 104* (AA666721)

Drill rig *ENSCO 104* is conducting drilling operations in position 21° 19'.51 S 115° 06'.45 E.

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

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

Date - Until 31 March 2016

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

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:

Berth	Metres
* 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

#### Channel

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 - AX A0754S

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

Date - On or about 3 May 2013

Port Hedland Port Authority, BHP Billiton (AA669057)

Leading lights have been altered/established as follows:

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

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

A new edition of Aus 54 is in production.

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

#### 480(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Drilling operations

Date - Until 20 June 2013

Department of Transport WA Notice 64/2013 (AA668443)

Jack-up barge *Driller 1* and support vessel *Southern Image* are conducting drilling operations in the following positions:

20° 50'.52 S 116° 13'.38 E  
20° 50'.44 S 116° 13'.39 E  
20° 50'.35 S 116° 13'.40 E  
20° 50'.22 S 116° 13'.41 E  
20° 50'.12 S 116° 13'.42 E  
20° 50'.01 S 116° 13'.43 E  
20° 49'.89 S 116° 13'.45 E  
20° 49'.61 S 116° 13'.45 E  
20° 49'.34 S 116° 13'.48 E  
20° 49'.33 S 116° 13'.23 E.

Vessels 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 68 - Aus 742 - Aus 743

#### 481(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig westwards

Former Notice - 420(T)/2013 is cancelled

Date - Until 4 July 2013

Australian Maritime Safety Authority Auscoast Warning 110/2013 (AA666329), MODU *Ocean America* (AA666330)

Drill rig *Ocean America* is conducting drilling operations in position 20° 45'.41 S 114° 44'.00 E.

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

**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**

**489(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Emu Point - Light established**

*Date* - On or about 31 July 2013

Albany Port Authority Notice 1(P)/2013 (AA663443)

A light *Iso.WRG.2s 10m 11M* with sectors Red 167° - 164.5° (2.5°), White 164.5° - 160.5° (4°), Green 160.5° - 158° (2.5°) has been established in position 34° 59'.96 S 117° 56'.76 E. This light will be trialled for three months.

**Chart which will be affected - Aus 110 - Aus 118 - AX 00110S - AX 00118S**

**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**

**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.

Mariners are advised to navigate with caution in the area.

**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**

**565(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey northeastwards**

*Date* - Until 20 July 2013

Karoon Gas Australia Ltd (AA670206 - AA670208)

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

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

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

**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

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

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

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

**607(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seismic survey westwards**

*Former Notice* - 413(T)/2013 is cancelled

*Date* - Until 26 June 2013

Shell Australia (AA666956, AA666957, AA677123, AA677124)

MV *Viking Vision* with a 6000m towed array and support vessels MV *Offshore Quest* and MV *Northern Odyssey* are conducting a survey in the area bounded by the following positions:

13° 56'.93 S 120° 54'.77 E  
13° 44'.83 S 121° 07'.51 E  
14° 04'.44 S 121° 27'.05 E  
14° 15'.37 S 121° 29'.76 E  
14° 30'.30 S 121° 23'.37 E  
14° 42'.77 S 121° 10'.21 E  
14° 17'.94 S 120° 45'.48 E  
14° 09'.85 S 120° 43'.50 E and

two survey lines will be run between:

14° 17'.94 S 120° 45'.48 E and 14° 42'.03 S 120° 20'.94 E  
14° 30'.00 S 120° 57'.47 E and 15° 25'.64 S 120° 36'.40 E.

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

**608(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Rowley Shoals - Seismic survey westwards**

*Former Notice* - 521(T)/2013 is cancelled

*Date* - Until 15 July 2013

Repsol (AA668692, AA677011)

SV *Polarcus Alima* with a 8100m towed array and support vessels *Sealink 161*, *Limitless* and *Empress* are conducting a survey in the area bounded by the following positions:

17° 06'.19 S 118° 17'.47 E  
17° 06'.19 S 117° 37'.69 E  
17° 35'.61 S 117° 37'.69 E  
17° 35'.61 S 118° 17'.47 E.

**Chart temporarily affected – Aus 326 – Aus 4722 (INT 722) – AX 04722U**

**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**

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

*Date* - Until 11 July 2013

Port Hedland Port Authority Notice 7(T)/2013 (AA678157)

Drill rig *Driller One* and support vessels are conducting drilling operations in an area bounded by the following positions:

20° 19'.51 S 118° 34'.17 E

20° 20'.17 S 118° 33'.65 E

20° 20'.09 S 118° 33'.61 E

20° 19'.47 S 118° 34'.10 E.

A 50m exclusion zone exists around the drill rig.

Vessels will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 54**

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

*Date* - Until 23 July 2013

Australian Maritime Safety Authority Auscoast Warning 163/2013 (AA677714), MODU *Atwood Eagle* (AA677691)

Drill rig *Atwood Eagle* is conducting drilling operations in position 20° 01'.79 S 115° 12'.05 E.

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

**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

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

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**

**616(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Middle Channel to South Channel - Scientific instruments**

*Date* - Until 30 November 2013

Albany Port Authority Notice 1(T)/2013 (AA677823)

Subsurface scientific instruments exist in positions 35° 04'.03 S 118° 05'.41 E and 35° 04'.89 S 118° 00'.47 E.

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

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

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

*Date* - Until 30 September 2013

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

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**

## SOUTH AUSTRALIA

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

*Former Notice - 240(T)/2006 is cancelled*

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

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

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

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

### **Chart temporarily affected - Aus 137**

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

*Former Notice - 534(T)/2011 is cancelled*

Fugro LADS Corporation (AA534581)

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

### **Chart temporarily affected – Aus 781**

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

*Former Notice - 176(T)/2009 is cancelled*

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

Available depths as at 24 August 2010:

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

### **Chart temporarily affected – Aus 133**

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

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

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

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

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

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

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

Available depths as at 16 July 2012:

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

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

### **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)**

**318(T)/2013 AUSTRALIA - Great Australian Bight - Seismic survey**

Fugro Multi Client Services Pty Ltd (AA658218, AA660553)

MV *Fugro Supporter*, will be conducting a survey in the area bounded by the following positions:

33° 16' S 128° 13' E

33° 19' S 131° 35' E

35° 21' S 131° 38' E

35° 16' S 130° 38' E.

**Chart temporarily affected - Aus 4709 (INT 709) - Aus 4727 (INT 727)**

**437(P)/2013 AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Lights**

*Date* - On or about 3 May 2013

Department of Planning, Transport and Infrastructure SA Notice 13/2013 (AA665361)

The light (33° 02'.49 S 137° 34'.96 E) has been altered to *Iso.Bu.6s 18m* and repositioned to 33° 02'.35 S 137° 35'.46 E.

The light (33° 02'.20 S 137° 35'.99 E) has been altered to *Iso.Bu.2s*.

The light beacon (33° 02'.14 S 137° 35'.83 E) has been altered to *Iso.Y.2s 15m* and repositioned to 33° 02'.13 S 137° 35'.75 E.

The light (33° 02'.10 S 137° 35'.56 E) has been altered to *Iso.Y.6s*.

**Chart which will be affected - Aus 135 - Aus 136**

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

*Date* - Until 31 August 2013

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

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

Available depths as at 19 August 2010:

<i>Berth</i>	<i>Metres</i>
Bulk Grain Pier 1	9.0
Bulk Grain Pier 2	11.0
Point Wilson Jetty North	8.6
Point Henry Pier Alcoa	11.6

\* Indicates new or revised entry.

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

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

### **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**

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

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

*Date - Until 31 July 2012*

McDermott Australia Pty Ltd (AA527057)

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

Vessels can be contacted on VHF Ch 16.

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

### **723(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Great Ship Channel - Shoaling**

Victorian Notice 89(T)/2011 (AA543561)

Shoaling, with a least depth of *16.7m*, exists in position 38° 18'.04 S 144° 37'.69 E.

Mariners are advised to navigate with caution in the area.

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

**1346(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Exclusion zones**  
Victorian Notice 146(T)/2011 (AA571787)

As a result of shoaling, exclusion zones exist 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**

**365(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Point Nepean - Wreck**  
MV *Lady Cheryl*, Victorian Notices 66(T)/2012, 69(T)/2012 (AA590836, AA592525, AA592526)

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

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

Mariners are advised to navigate with caution in the area.

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

**479(T)/2012 AUSTRALIA - VICTORIA - Toora Channel - Light beacon destroyed; light buoy established**  
Victorian Notice 85(T)/2012 (AA596048)

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

**Chart temporarily affected – Aus 181**

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

*Former Notice* - 1301(T)/2009 is cancelled  
Victorian Notice 88/2012 (AA602669)

Shoaling, with a least depth of 5.2m, exists in the Barry Beach Channel (38° 43'.00 S 146° 22'.77 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 182**

**772(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Werribee South - Harbour works**

*Date* - Until 30 January 2014  
Victorian Notice 106(T)/2012 (AA613718)

Harbour works associated with the construction of a new marina are in progress in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
37° 58'.29 S 144° 42'.27 E	special conical buoy, without topmark
37° 58'.31 S 144° 42'.36 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.32 S 144° 42'.46 E	special conical buoy, without topmark
37° 58'.28 S 144° 42'.55 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.23 S 144° 42'.63 E	special conical buoy, without topmark
37° 58'.17 S 144° 42'.69 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.10 S 144° 42'.75 E	special conical buoy, without topmark
37° 58'.04 S 144° 42'.81 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 57'.97 S 144° 42'.86 E	special conical buoy, without topmark
37° 57'.89 S 144° 42'.85 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 57'.81 S 144° 42'.82 E	special conical buoy, without topmark.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 143 – Aus 155**

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

*Former Notice* - 963(T)/2012 is cancelled  
Victorian Notice 141(T)/2012 (AA630248)

Virtual AIS exist as follows:

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

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

Mariners are advised to navigate with caution in the area.

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

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

Victorian Notice 170/2012 (AA640540)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 157**

**74(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Short Road Wharf - Harbour works**

*Date* - Until 30 June 2013  
Victorian Notice 184(T)/2012 (AA643612)

Works associated with the remediation of the wharf are in progress (37° 50'.15 S 144° 53'.93 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 154**

**75(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Appleton Dock - Harbour works**

*Former Notice - 77(T)/2011 is cancelled*

*Date - Until 30 June 2014*

Victorian Notice 183(T)/2012 (AA643590)

Works associated with the remediation of berths B to F are in progress (37° 49'.02 S 144° 55'.31 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 154**

**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**

**319(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Mordialloc - Shoaling**

Victorian Notice 36(T)/2013 (AA657634)

Shoaling, with a least depth of -1m, exists within the entrance to Mordialloc Creek (38° 00'.69 S 145° 05'.05 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 155**

**365(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Station Pier - Harbour works**

*Date - Until 4 July 2013*

Port of Melbourne Corporation Notice 41(T)/2013 (AA663039)

Works associated with the remediation of the pier (37° 50'.54 S 144° 55'.85 E) are in progress.

A barge and support vessel *Warneet* are onsite and will display appropriate lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

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

*Former Notice - 181(T)/2013 is cancelled*

*Date - Until 31 May 2013*

Victorian Notice 44/2013 (AA664839)

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

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

**439(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Harbour works**

*Date - Until 31 May 2013*

Victorian Notice 51(T)/2013 (AA666337)

Works are in progress at West Gate Bridge (37° 49'.77 S 144° 53'.89 E) resulting in a reduction in the permissible air draught of transiting vessels.

Vessels with air draught less than 43.5m no restrictions apply. Incoming vessels report to Melbourne VTS on passing breakwater pier and departing vessels report to Melbourne VTS on departing from berths upstream of the West Gate Bridge.

Vessels with air draught 43.5m to 47.5m are permitted to transit subject to evacuation of all personnel from platform. Incoming vessels report to Melbourne VTS 30 minutes prior to arrival Fawkner beacon and departing vessels report to Melbourne VTS 30 minutes prior to departing from berths upstream of the West Gate Bridge.

Vessels with air draught 47.5m to 50.1m are permitted to transit subject to evacuation of all personnel and the removal of the platform from the channel. Incoming vessels report to Melbourne VTS at Hovell pile and departing vessels report to Melbourne VTS 2 hours prior to departing from berths upstream of the West Gate Bridge.

#### **Chart temporarily affected - Aus 154**

#### **491(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Station Pier - Harbour works**

*Date* - Until 14 May 2013

Victorian Notice 61(T)/2013 (AA669337)

Works associated with the remediation of the lighthouse (37° 50'.53 S 144° 55'.76 E) are in progress.

A barge is onsite and will display appropriate lights.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 154**

#### **532(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Harbour works**

*Former Notice* - 366(T)/2013 is cancelled

*Date* - Until 30 October 2013

Victorian Notices 19(T)/2013, 46(T)/2013, 66(T)/2013 (AA649627, AA664916, AA671811)

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.

All hazards to navigation will be marked by lights.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 155**

#### **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**

#### **620(T)/2013 AUSTRALIA - VICTORIA - Western Port - Rutherford Inlet - Mooring piles**

*Date* - Until 10 July 2013

Victorian Notice 76(T)/2013 (AA677824)

28 unlit mooring piles will be established between positions 38° 14'.08 S 145° 18'.47 E and 38° 13'.78 S 145° 18'.38 E.

**Chart temporarily affected – Aus 151 – Aus 152**

**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**

## TASMANIA

### 91(T)/2010 AUSTRALIA - TASMANIA - Georges Bay - Wreck

Former Notice - 1204(T)/2009 is cancelled

Marine and Safety Tasmania Notice M3/2010 (AA447779)

A stranded wreck exists in position 41° 16'.24 S 148° 20'.07 E, with a floating line marked by a white poly-float leading to an anchor in position 41° 16'.20 S 148° 20'.13 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 169**

### 1291(T)/2011 AUSTRALIA - TASMANIA - Adventure Bay to Pitt Water - Scientific instruments

Date - Until 30 March 2013

Marine and Safety Tasmania Notice M150/2011 (AA570022)

Subsurface scientific instruments exist in the following positions:

43° 31'.43 S 147° 17'.77 E	43° 27'.49 S 147° 13'.39 E
43° 18'.05 S 147° 23'.62 E	43° 14'.53 S 147° 47'.71 E
43° 06'.26 S 147° 41'.81 E	43° 05'.12 S 147° 29'.17 E
43° 02'.37 S 147° 28'.49 E	42° 57'.96 S 147° 33'.29 E
42° 57'.85 S 147° 33'.84 E	42° 57'.73 S 147° 34'.44 E
42° 57'.62 S 147° 34'.99 E	42° 57'.49 S 147° 35'.60 E
42° 57'.39 S 147° 36'.19 E	42° 57'.26 S 147° 36'.79 E
42° 57'.15 S 147° 37'.41 E	42° 57'.14 S 147° 39'.22 E
42° 57'.04 S 147° 38'.01 E	42° 56'.98 S 147° 39'.67 E
42° 56'.42 S 147° 32'.59 E	42° 55'.81 S 147° 40'.74 E
42° 55'.80 S 147° 34'.87 E	42° 55'.42 S 147° 36'.65 E
42° 55'.36 S 147° 40'.76 E	42° 55'.12 S 147° 31'.82 E
42° 54'.92 S 147° 40'.78 E	42° 54'.64 S 147° 33'.74 E
42° 54'.47 S 147° 40'.80 E	42° 54'.33 S 147° 30'.50 E
42° 54'.19 S 147° 35'.44 E	42° 53'.86 S 147° 37'.19 E
42° 53'.71 S 147° 32'.59 E	42° 52'.87 S 147° 34'.22 E
42° 52'.60 S 147° 36'.25 E	42° 52'.35 S 147° 32'.09 E
42° 53'.23 S 147° 31'.15 E	42° 51'.82 S 147° 30'.91 E
42° 51'.80 S 147° 33'.36 E	42° 51'.70 S 147° 34'.84 E
42° 51'.40 S 147° 36'.01 E	42° 51'.06 S 147° 32'.08 E
42° 50'.90 S 147° 36'.92 E	42° 50'.73 S 147° 35'.11 E
42° 50'.69 S 147° 33'.58 E	42° 49'.79 S 147° 36'.18 E
42° 49'.17 S 147° 34'.70 E	42° 48'.72 S 147° 32'.46 E
42° 48'.72 S 147° 34'.04 E	42° 48'.43 S 147° 29'.38 E
42° 48'.43 S 147° 29'.59 E	42° 48'.43 S 147° 29'.80 E
42° 48'.43 S 147° 30'.02 E	42° 48'.41 S 147° 33'.19 E
42° 48'.29 S 147° 31'.42 E	42° 48'.25 S 147° 29'.27 E
42° 48'.25 S 147° 29'.48 E	42° 48'.25 S 147° 29'.69 E
42° 48'.25 S 147° 29'.91 E	42° 48'.25 S 147° 30'.13 E
42° 48'.07 S 147° 29'.69 E	42° 48'.07 S 147° 29'.91 E
42° 48'.07 S 147° 30'.13 E	42° 47'.99 S 147° 28'.66 E
42° 47'.87 S 147° 29'.80 E	42° 47'.87 S 147° 30'.02 E.

**Chart temporarily affected - Aus 171 - Aus 173 - Aus 796**

### 1292(T)/2011 AUSTRALIA - TASMANIA - Flinders Island - Lady Barron - Light unreliable

Date - Until 20 December 2011

Marine and Safety Tasmania Notice M144/2011 (AA569730)

The light, *F.WRG.48m 10M* (40° 12'.45 S 148° 14.76 E), is unreliable.

**Chart temporarily affected - Aus 179 - Aus 800**

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

Date - Until 31 May 2012

Marine and Safety Tasmania Notice M7/2011 (AA578071)

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

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

## Chart temporarily affected – Aus 178

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

Former Notice - 84(T)/2012 is cancelled

Australian Bureau of Meteorology (AA581659)

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

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

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

Date - Until 30 June 2013

Marine and Safety Tasmania Notice 48/2012

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

## Chart temporarily affected – Aus 171 – Aus 796

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

Date - Until 9 July 2012

Marine and Safety Tasmania Notice 51/2012 (AA598382)

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

Mariners are advised to navigate with caution in the area.

## Chart temporarily affected – Aus 168

### 576(T)/2012 AUSTRALIA - TASMANIA - Frederick Henry Bay - Scientific instruments

Former Notice - 1229(T)/2011 is cancelled

Date - Until 20 September 2013

Marine and Safety Tasmania (AA602526)

Scientific instruments marked by special conical light buoys exist as follows:

Position	Characteristic
42° 56'.2 S 147° 37'.2 E	<i>Iso.4s</i>
42° 58'.2 S 147° 34'.0 E	<i>Oc.3s.</i>

## Chart temporarily affected – Aus 171 – Aus 796

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

Date - Until 30 November 2013

Marine and Safety Tasmania Notice 95/2012 (AA630000)

Subsurface scientific instruments exist on the seabed in the following positions:

40° 26'.38 S 148° 28'.97 E	40° 26'.51 S 148° 29'.51 E
40° 26'.65 S 148° 30'.05 E	40° 26'.78 S 148° 30'.59 E

Subsurface scientific instruments exist 30m below the surface in the following positions:

40° 26'.91 S 148° 31'.12 E	40° 27'.05 S 148° 31'.66 E
40° 27'.18 S 148° 32'.20 E	40° 27'.31 S 148° 32'.74 E
40° 27'.44 S 148° 33'.27 E	40° 27'.58 S 148° 33'.81 E
40° 27'.71 S 148° 34'.35 E	40° 27'.84 S 148° 34'.89 E
40° 27'.97 S 148° 35'.43 E	40° 28'.11 S 148° 35'.96 E
40° 28'.24 S 148° 36'.50 E	40° 28'.37 S 148° 37'.04 E
40° 28'.50 S 148° 37'.58 E	40° 28'.64 S 148° 38'.12 E
40° 28'.77 S 148° 38'.65 E	40° 28'.90 S 148° 39'.19 E
40° 29'.03 S 148° 39'.73 E	40° 29'.16 S 148° 40'.27 E
40° 29'.30 S 148° 40'.81 E	40° 29'.43 S 148° 41'.35 E
40° 29'.56 S 148° 41'.88 E	40° 29'.69 S 148° 42'.42 E
40° 29'.82 S 148° 42'.96 E	40° 29'.96 S 148° 43'.50 E
40° 30'.09 S 148° 44'.04 E	40° 30'.22 S 148° 44'.58 E
40° 30'.35 S 148° 45'.12 E	40° 30'.48 S 148° 45'.65 E
40° 30'.61 S 148° 46'.19 E	40° 30'.75 S 148° 46'.73 E
40° 30'.88 S 148° 47'.27 E	40° 31'.01 S 148° 47'.81 E
40° 31'.14 S 148° 48'.35 E	40° 31'.27 S 148° 48'.89 E
40° 31'.40 S 148° 49'.40 E	40° 31'.52 S 148° 49'.90 E.

**Chart temporarily affected – Aus 487 – Aus 798 – Aus 800**

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

*Date - Until 31 January 2013*

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

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

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

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

**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**

## PAPUA NEW GUINEA and SOUTH PACIFIC

### **404(T)/2008 PAPUA NEW GUINEA - Port Moresby - Fish aggregation device southwards**

*Former Notice - 665(T)/2006 is cancelled*

Department of Transport and Civil Aviation PNG Notice 8/2004 (AA84295)

A fish aggregation device, marked by a buoy, exists in position 9° 44'.5 S 147° 17'.5 E (datum unknown).

**Chart temporarily affected - Aus 379 - Aus 505 - Aus 4620 (INT 620)**

### **66(T)/2011 PAPUA NEW GUINEA - Caution Bay - Harbour works**

*Date - Until 31 January 2013*

National Maritime Safety Authority PNG Notice 46/2010 (AA511164)

Works associated with the construction of a jetty are in progress within an area bounded by the following positions:

9° 20'.01 S 146° 58'.80 E  
9° 21'.27 S 146° 59'.22 E  
9° 21'.21 S 146° 59'.84 E  
9° 20'.58 S 146° 59'.61 E  
9° 20'.50 S 147° 00'.43 E  
9° 19'.97 S 147° 00'.23 E.

A 2M exclusion zone exists from the outside this area and a 0.25M exclusion zone exists around all vessels associated with the works.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 379**

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

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

Australian Bureau of Meteorology (AA521187)

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

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

### **709(P)/2011 PAPUA NEW GUINEA - Eastern Fields - Reef delineation**

*Date - On or about 15 July 2011*

LADS Flight (AA543779)

Mariners are advised that a survey being undertaken within the Eastern Fields region (10° 05'.0 S 145° 35'.0 E) indicates that the dangers are not in their charted positions. The whole reef system is out of position by up to 1000 metres in a non-uniform direction.

**Chart which will be affected – Aus 377 – Aus 379 – AX 60377**

### **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)**

### **564(T)/2012 PAPUA NEW GUINEA - Bounganville Island - Buka passage - Wrecks**

Stranded wrecks exist in the following positions

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 684**

**609(P)/2012 PAPUA NEW GUINEA - Caution Bay - Nav aids to be established**

*Date* - On or about 1 November 2012

ExxonMobil Australia (AA604216, AA604217)

Light beacons and light buoys will be established as follows:

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

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

**904(T)/2012 PAPUA NEW GUINEA - Lae - Dredging operations**

*Date* - Until 31 January 2014

PNG Ports Corporation Ltd (AA622596 - AA622602)

Dredges *Tianji* and *Jinhangjun 406* and support vessels are conducting dredging operations associated with the new harbour development in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
6° 43'.81 S 146° 58'.15 E	
6° 43'.57 S 146° 58'.83 E	
6° 44'.21 S 146° 58'.84 E	
6° 44'.24 S 146° 58'.92 E	
6° 44'.53 S 146° 58'.86 E	special pillar light buoy, <i>Q.Y</i>
6° 44'.83 S 146° 59'.06 E	special pillar light buoy, <i>Q.Y</i>
6° 44'.83 S 146° 58'.51 E	special pillar light buoy, <i>Q.Y</i>
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**

**165(T)/2013 PAPUA NEW GUINEA - Daia Point - Light unlit**  
National Maritime Safety Authority PNG Notice 3(T)/2013 (AA649248)

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

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

**166(T)/2013 PAPUA NEW GUINEA - Condor Point - Light unlit**  
National Maritime Safety Authority PNG Notice 4(T)/2013 (AA649248)

The light, *Fl(2)8s 15m 10M* (4° 07'.12 S 144° 51'.70 E), is unlit.

**Chart temporarily affected - Aus 388 - Aus 4622 (INT 622)**

**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)**

**473(T)/2013 PAPUA NEW GUINEA - Djaul Island - Light unlit**  
National Maritime Safety Authority PNG Notice 19(T)/2013 (AA668923)

The light, *Fl.10s 79m 10M* (3° 00'.04 S 150° 43'.57 E), is unlit.

**Chart temporarily affected - Aus 392 - Aus 393 - Aus 543 - Aus 4060 (INT 60) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - AX 04604U**

**514(T)/2013 PAPUA NEW GUINEA - Ava Point - Light unlit**  
National Maritime Safety Authority PNG Notice 22(T)/2013 (AA671696)

The light, *Fl.12s 188m 10M* (10° 34'.14 S 149° 52'.89 E), is unlit.

**Chart temporarily affected - Aus 507 - Aus 4604 (INT 604) - Aus 4620 (INT 620) - Aus 4621 (INT 621) - AX 04604U - AX 04620U - AX 04621U**

**515(T)/2013 PAPUA NEW GUINEA - Veale Reef - Light unlit**  
National Maritime Safety Authority PNG Notice 21(T)/2013 (AA671696)

The light, *Fl.2.5s 9m 10M* (9° 11'.94 S 149° 28'.72 E), is unlit.

**Chart temporarily affected - Aus 519 - Aus 520**

**561(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Drill rig**  
*Former Notice - 349(T)/2013 is cancelled*  
*Date - Until 25 July 2013*  
National Maritime Safety Authority PNG Notice 25/2013 (AA674767)

Drill rig *Stena Clyde* is conducting drilling operations in position 8° 35'.38 S 145° 07'.98 E. A 2000m exclusion zone exists around the vessel.

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

**EAST TIMOR**

NIL

**MISCELLANEOUS**

Nil