**TEMPORARY AND PRELIMINARY NOTICES**
**In force on 21 September 2012**

## NEW SOUTH WALES

**847(T)/2010 AUSTRALIA - NEW SOUTH WALES - Hastings River - Port Macquarie - Light discontinued**
*Former Notice* - 50(T)/2010 is cancelled
NSW Maritime (AA483333)

The light (31° 25'.61 S 152° 54'.87 E) has been temporarily discontinued and will be replaced with a new sector light.

**Chart temporarily affected - Aus 219 - Aus 219**

**1318(T)/2010 AUSTRALIA - NEW SOUTH WALES - Broken Bay - Barrenjoey Head - Light range reduced**
NSW Maritime (AA506509)

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

**Chart temporarily affected - Aus 197 - Aus 204 - Aus 215 - Aus 489 - Aus 809 - Aus 4643 - AX 0809E - AX 67215**

**258(T)/2011 AUSTRALIA - NEW SOUTH WALES - Green Cape to Ballina Head - Scientific instruments**
*Former Notice* - 708(T)/2008 is cancelled
Manly Hydraulics Laboratory (AA520737 - AA520739)

Special light buoys, *Fl(5)Y.20s,* exist in positions:
28° 51'.2 S 153° 42'.1 E
30° 21'.7 S 153° 16'.2 E
31° 49'.5 S 152° 51'.6 E
33° 46'.1 S 151° 24'.7 E
34° 28'.5 S 151° 01'.6 E
35° 42'.2 S 150° 20'.6 E
37° 18'.1 S 150° 11'.1 E

Mariners are not to use these buoys as moorings.

**Chart temporarily affected – Aus 195 – Aus 197 – Aus 806 – Aus 807 – Aus 808 – Aus 809 – Aus 810 – Aus 811 – Aus 812 – Aus 813 – AX 0808E – AX 0809E**

**410(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Spoil ground**
Port Kembla Port Corporation Notice 2/2011 (AA528983)

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

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

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

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

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

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

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

Subsurface scientific instruments exist in positions:
33° 48'.03 S 151° 18'.03 E
33° 47'.98 S 151° 17'.65 E
33° 47'.99 S 151° 17'.73 E
33° 47'.92 S 151° 17'.61 E
33° 47'.93 S 151° 17'.69 E.

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

**864(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Obstruction**
Port Kembla Port Corporation Notice 9/2011 (AA551936)

A silt curtain, marked by special light buoys *Q.Y,* exists in the outer harbour between the following positions:
34° 28'.18 S 150° 54'.15 E
34° 28'.15 S 150° 54'.27 E
34° 28'.47 S 150° 54'.33 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus194 - Aus195**

**1139(T)/2011 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Harbour works**
*Date* - Until 30 November 2012
Sydney Ports Corporation (AA562429)

Harbour works associated with the construction of Bulk Liquids berth 2 are in progress in an area bounded by the HWL and special light buoys, *Fl.Y.5s,* in the following positions:
33° 58'.84 S 151° 12'.57 E
33° 58'.83 S 151° 12'.53 E
33° 58'.79 S 151° 12'.53 E
33° 58'.75 S 151° 12'.52 E
33° 58'.70 S 151° 12'.53 E
33° 58'.67 S 151° 12'.53 E
33° 58'.62 S 151° 12'.55 E
33° 58'.58 S 151° 12'.55 E
33° 58'.54 S 151° 12'.59 E
33° 58'.52 S 151° 12'.61 E
33° 58'.50 S 151° 12'.67 E.

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

Mariners are advised to navigate with caution in the area.

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

**1197(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Hunter River - Dredging operations**
*Date* - Until 31 August 2012
Aurecon Hatch (AA567790, AA567982)

The dredge *Machiavellie* is conducting dredging operations in the area south of line 32° 52'.78 S 151° 44'.41 E to 32° 52'.63 S 151° 44'.40 E and north of line 32° 53'.37 S 151° 45'.66 E to 32° 53'.18 S 151° 45'.77 E.

A 30m exclusion zone exists around all vessels and equipment involved in the operations.

Mariners are advised to navigate with caution in the area.

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

**337(T)/2012 AUSTRALIA - NEW SOUTH WALES - Port Hacking - Hungry Point to Gorerlys Point - Shoaling; dredging operations**
*Former Notice* - 1317(T)/2011 is cancelled
*Date* - Until 12 June 2012
NSW Maritime Notice SU1110/2011 (AA572374), Roads and Maritime Services (AA591721)

Shoaling exists between Hungry Point (34° 04'.40 S 151° 08'.88 E) and Gorerlys Point (34° 04'.30 S 151° 06'.36 E).

Dredges MV *Faucon* and MV *Fredrick* are conducting dredging operations in the area.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 198**

**795(T)/2012 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depth information**
*Former Notice* - 692(T)/2012 is cancelled
Port Kembla Port Corporation Notice 1/2012 (AA608487)

Available depths as at 28 June 2012:

| | *Berth* | *Metres* | *Remarks* |
|---|---|---|---|
| | Inner Harbour | 15.1 | |
| | North West Basin | 11.2 | |
| | 101 | 11.4 | Maximum transit draft 12m |
| | 102 | 15.8 | |
| | 103 | 12.0 | |
| | 104 | 15.4 | |
| | 105 | 15.0 | |
| | 106 | 13.7 | |
| | 107 | 12.0 | |
| | 108 | - | Future Development |
| | 109 | 11.7 | |
| | 110 | 10.7 | |
| | 111 | 15.2 | |
| | 112 | 12.8 | Maximum transit draft 13.6m |
| | 113 | 11.2 | West of 7m chainage |
| | 113 | 10.5 | East of 7m chainage to eastern end of berthing box |
| | 201 | 10.4 | To 250m |
| | 201 | 10.2 | To 280m |
| | 201 | 10.1 | To 330m |
| * | 202 | 10.5 | To 205m max LOA 180m |
| * | 202 | 10.2 | To 205m max LOA 195m |
| | 202 | 10.0 | To 210m |
| | 203 | 10.1 | |
| | 204 | 4.2 | |
| | 205 | 6.8 | |
| | 206 | 11.0 | |

* Indicates new or revised entry.

**Chart temporarily affected – Aus 194**

**948(T)/2012 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information**
*Former Notice* - 850(T)/2012 is cancelled
Newcastle Port Corporation (AA624608)

Available depths as at 7 September 2012:

| *Berth* | *Metres* |
|---|---|
| * Western Basin 3 | 11.6 |
| * Western Basin 4 | 11.6 |
| * Eastern Basin 1 | 11.6 |
| Eastern Basin 2 North of Ch 450 | 11.6 |
| * Eastern Basin 2 South of Ch 450 | 11.6 |
| Channel Berth | 8.5 |
| * Dyke 1 | 12.8 |
| * Dyke 2 | 12.8 |
| Dyke 4 | 15.8 |
| * Dyke 5 | 16.5 |
| Dyke 6 | 5.0 |
| Mayfield 4 Ch 27 to 266 | 12.0 |
| 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 | 12.8 |
| Kooragang 4 | 16.5 |
| Kooragang 5 | 16.5 |
| Kooragang 6 | 16.5 |
| Kooragang 7 | 16.5 |
| Kooragang 8 | 16.5 |
| Kooragang 9 | 16.3 |

| | | |
|---|---|---|
| | Kooragang Ship Receival KSR | 7.5 |
| | Throsby 1 | 8.4 |
| | Carrington Wharf | To be sounded as and when required |
| | Foreshore Park Berth | 5.9 |
| | Elgo Wharf | To be sounded as and when required |
| *Channels* | | |
| | Entrance Approach | 17.7 |
| | Entrance Channel (18.0m) | 18.0 |
| | Entrance Channel (17.4m) | 17.4 |
| | Entrance Channel (16.8m) | 16.8 |
| | Entrance Channel (16.2m) | 16.2 |
| | Entrance Channel to Horseshoe | 15.2 |
| | Horseshoe | 15.0 |
| | Steelworks Channel to Swinging Basin | 15.2 |
| | Swinging Basin | 15.0 |
| | Hunter River South Arm (Kooragang 6 to buoy 16) | 15.0 |
| * | Hunter River South Arm (buoy 16 to buoy 18) | 14.7 |
| | Basin Cutting | 12.6 |
| | Basin Area to Eastern & Western Basin Berths | 12.3 |
| | Basin Area to 1 Throsby | 9.4 |
| | Stockton Crossing | 3.6 |

* Indicates revised entry.

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

## QUEENSLAND

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

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

Mariners are advised to navigate with caution in the area.

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

**710(T)/2008 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoys established**
*Former Notice* - 649(T)/2008 is cancelled
Maritime Safety Queensland Notice 389/2008 (AA345287)

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

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

**819(T)/2008 AUSTRALIA - QUEENSLAND - Airlie Beach - Light buoys established**
Maritime Safety Queensland Notice 452(T)/2008 (AA351934)

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

Special light buoys mark the location of the silt curtain in the following positions:
20° 16'.070 S 148° 42'.400 E
20° 16'.070 S 148° 42'.402 E
20° 16'.056 S 148° 42'.401 E

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

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

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

Mariners are advised to navigate with caution in the area.

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

**1133(T)/2009 AUSTRALIA - QUEENSLAND - Townsville - Ross Creek - Light beacons withdrawn; light buoys established**
Maritime Safety Queensland Notice 624(T)/2009 (AA429766)

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

**Chart temporarily affected – Aus 257**

**318(T)/2010 AUSTRALIA - QUEENSLAND - Hesket 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**

**380(T)/2010 AUSTRALIA - QUEENSLAND - Seaforth - Light beacon destroyed**
Maritime Safety Queensland Notice 300(T)/2010 (AA463668)

The light beacon, *Fl.R.2·5s* (20° 53'.72 S 148° 58'.69 E), has been destroyed; a port lateral light buoy, *Fl.R.2·5s,* exists in situ.

**Chart temporarily affected - Aus 251**

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

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

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

**717(T)/2010 AUSTRALIA - QUEENSLAND - Cape Ferguson - Scientific instruments**
*Date* - Until 31 March 2013
Australian Institute of Marine Science (AA478783), Maritime Safety Queensland Notice 560(T)/2010 (AA478784)

Scientific instruments marked by light buoys exist in the following positions:
19° 16'.84 S 147° 02'.98 E
19° 16'.84 S 147° 03'.26 E
19° 16'.84 S 147° 03'.55 E
19° 16'.84 S 147° 03'.83 E
19° 16'.84 S 147° 04'.09 E
19° 16'.57 S 147° 04'.09 E
19° 16'.30 S 147° 04'.09 E
19° 16'.03 S 147° 04'.09 E
19° 15'.76 S 147° 04'.09 E
19° 15'.49 S 147° 04'.09 E
19° 15'.39 S 147° 03'.93 E
19° 15'.39 S 147° 03'.70 E.

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

**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**

**1192(T)/2010 AUSTRALIA - QUEENSLAND - Whitsunday Island - Whitehaven Beach - Light beacon destroyed; light buoy established**
*Former Notice* - 323(T)/2010 is cancelled
Maritime Safety Queensland Notice 933(T)/2010 (AA500602)

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

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

**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**

**1194(T)/2010 AUSTRALIA - QUEENSLAND - Macona Inlet - Light beacon destroyed; light buoy established**
*Former Notice* - 1131(T)/2010 is cancelled
Maritime Safety Queensland Notice 923(T)/2010 (AA500702)

The starboard lateral light beacon (20° 10'.29 S 148° 55'.10 E) has been destroyed; a starboard lateral light buoy, *Fl.G.2·5s,* exists in situ.

**Chart temporarily affected - Aus 252**

**1195(T)/2010 AUSTRALIA - QUEENSLAND - Hook Island - Nara Inlet - Light beacon destroyed; light buoy established**
*Former Notice* - 512(T)/2010 is cancelled
Maritime Safety Queensland Notice 924(T)/2010 (AA500701)

The light beacon (20° 09'.81 S 148° 54'.04 E) has been destroyed; a port lateral light buoy, *Fl.R.2·5s,* exists in situ.

**Chart temporarily affected - Aus 252**

**1197(T)/2010 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Cardwell - Wreck**
Maritime Safety Queensland Notice 945(T)/2010 (AA501575)

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

Mariners are advised to navigate with caution in the area.

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

**1263(T)/2010 AUSTRALIA - QUEENSLAND - Yorkeys Knob - Wreck**
*Former Notice* - 1196(T)/2010 is cancelled
Maritime Safety Queensland Notice 980(T)/2010 (AA503397)

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

**Chart temporarily affected - Aus 830**

**1333(T)/2010 AUSTRALIA - TORRES STRAIT - Yorke Islands - Wreck**
Maritime Safety Queensland Notice 1002(T)/2010 (AA505444)

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

Mariners are advised to navigate with caution in the area.

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

**1386(T)/2010 AUSTRALIA - QUEENSLAND - Bundaberg - Anchoring prohibited**
Maritime Safety Queensland Notice 1017(T)/2010 (AA508845)

Temporary anchoring is restricted to an area bounded by the following positions:
24° 45'.47 S 152° 23'.43 E
24° 45'.53 S 152° 23'.54 E
24° 45'.48 S 152° 23'.79 E
24° 45'.38 S 152° 23'.77 E.

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242**

**1394(T)/2010 AUSTRALIA - QUEENSLAND - Whitsundays - The Narrows - Buoy off station**
Maritime Safety Queensland Notice 1042(T)/2010 (AA508738)

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

**Chart temporarily affected - Aus 254**

**161(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Scientific instrument**
Maritime Safety Queensland Notice 130(T)/2011 (AA516947)

A scientific instrument marked by a special light buoy, *Fl.Y.4s,* exists in position 27° 18'.15 S 153° 06'.17 E.

**Chart temporarily affected - Aus 236**

**209(T)/2011 AUSTRALIA - QUEENSLAND - Port Alma - Depth information**
*Former Notice* - 1019(T)/2009 is cancelled
Maritime Safety Queensland Notice 182(T)/2011 (AA518652)

Available depths as at 23 February 2011:

| *Berth* | *Metres* |
|---|---|
| Balaclava Leads | 7.6 |
| Kazatch Leads | 7.0 |
| Eupatoria Leads | 7.9 |
| Shell Point Leads | 7.0 |
| Swing Basin | 5.8 |
| Berth No 1 | 9.2 |
| Berth No 2 | 9.2 |
| Berth No 3 | 9.2 |

* Indicates revised entry.

**Chart temporarily affected - Aus 265**

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

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

Mariners are advised to navigate with caution in the area.

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

**415(T)/2011 AUSTRALIA - QUEENSLAND - Boyne River - Shoaling**
*Former Notice* - 58(T)/2011 is cancelled
Maritime Safety Queensland Notice 342(T)/2011 (AA527129)

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 246**

**417(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Bushy Islet - Scientific instrument**
*Date* - Until 15 December 2012
Maritime Safety Queensland Notice 348(T)/2011 (AA527653)

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

**Chart temporarily affected - Aus 245**

**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.*

Navaids exist as follows:

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

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

Mariners should navigate with caution in the area.

**Chart temporarily affected – Aus 236**

**653(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point - Harbour works**
*Former Notice* - 521(T)/2011 is cancelled
*Date* - Until 31 July 2011

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

Harbour works are in progress at Barney Point Wharf. An exclusion zone exists in within an area bounded by the following positions:
23° 50'.13 S 151° 16'.00 E
23° 50'.10 S 151° 16'.21 E
23° 50'.18 S 151° 16'.45 E
23° 50'.23 S 151° 16'.29 E.

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

Mariners are advised to navigate with caution in the area.

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

**757(T)/2011 AUSTRALIA - QUEENSLAND - Laguna Quays - Lights unlit; light beacons damaged**
*Former Notice* - 444(T)/2010 is cancelled
Maritime Safety Queensland Notice 686(T)/2011 (AA546594)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 252**

**758(T)/2011 AUSTRALIA - QUEENSLAND - Laguna Quays - Shoaling**
*Former Notice* - 1052(T)/2006 is cancelled
Maritime Safety Queensland Notice 685/2011 (AA546595)

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

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

**Chart temporarily affected - Aus 252**

**759(T)/2011 AUSTRALIA - QUEENSLAND - Pioneer Rocks - Light beacon unlit**
*Former Notice* - 474(T)/2011 is cancelled
Maritime Safety Queensland Notice 663(T)/2011 (AA545484)

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

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

**826(T)/2011 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information**
*Former Notice* - 766(T)/2011 is cancelled
Maritime Safety Queensland Notice 702(T)/2011 (AA547518)

Available depths as at 29 July 2011:

| | *Metres* |
|---|---|
| Departure Channel | 9.6 |
| Inner Channel | 9.6 |
| Swing Basin | 6.7 |
| Sugar Berth | 10.1 |

* Indicates revised entry.

**Chart temporarily affected – Aus 258**

**872(T)/2011 AUSTRALIA - QUEENSLAND - Bait Reef - Light beacon destroyed**
Maritime Safety Queensland Notice 750(T)/2011 (AA549635)

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

**Chart temporarily affected - Aus254 - Aus825**

**926(T)/2011 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Scientific instrument**
*Former Notice* - 114(T)/2008 is cancelled

*Date* - Until 30 June 2013
Australian Institute of Marine Science (AA546309)

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

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

**1020(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Wynnum - Wreck; light buoy**
Maritime Safety Queensland Notice 871/2011 (AA556300)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

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

Special light buoys, *Fl.Y.5s,* exist in positions:
19° 55'.92 S 148° 13'.61 E
19° 54'.39 S 148° 08'.93 E
19° 51'.29 S 148° 03'.34 E.

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

**1036(T)/2011 AUSTRALIA - QUEENSLAND - Magnetic Island - Scientific instruments**
*Date* - Until 30 September 2012
Maritime Safety Queensland Notice 954(T)/2011 (AA559338)

Scientific instruments marked by special light buoys, *Fl.Y.3s,* exist in positions:
19° 09'.32 S 146° 52'.57 E
19° 09'.34 S 146° 52'.56 E
19° 09'.40 S 146° 52'.53 E.

**Chart temporarily affected - Aus 256**

**1091(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Scientific instruments**
Maritime Safety Queensland Notice 1018(T)/2011 (AA562002)

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

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

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

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

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

The dredge will monitor VHF Ch 16 and Ch 67.

Mariners are advised to navigate with caution in the area.

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 264**

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

Refurbishment works are in progress and will be progressively conducted in the following positions:
27° 28'.48 S 153° 02'.39 E
27° 27'.69 S 153° 03'.07 E
27° 28'.41 S 153° 03'.26 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

**1204(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Rich Rocks - Light buoy**
Maritime Safety Queensland Notice 1078(T)/2011 (AA565735)

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

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

**1210(T)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Obstructions**
Maritime Safety Queensland Notice 1123(T)/2011 (AA567586)

Underwater obstructions, marked by special buoys, exist in the following positions:
20° 15'.87 S 148° 42'.60 E
20° 15'.88 S 148° 42'.60 E
20° 15'.87 S 148° 42'.56 E.

**Chart temporarily affected - Aus 268**

**1212(T)/2011 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instruments**
Maritime Safety Queensland Notice 1120(T)/2011 (AA567591)

Special light buoys, *Fl.Y.4s,* exist in the following positions:
19° 55'.80 S 148° 07'.80 E
19° 52'.79 S 148° 05'.99 E
19° 50'.39 S 148° 02'.38 E
19° 53'.42 S 148° 01'.19 E
19° 49'.20 S 148° 00'.60 E
19° 52'.81 S 147° 58'.20 E.

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

**1269(T)/2011 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information**
*Former Notice* - 1083(T)/2011 is cancelled
Maritime Safety Queensland Notice 1174(T)/2011 (AA569377)

Available depths as at 21 November 2011:

| | | *Metres* |
|---|---|---|
| | Sea Reach | 7.9 |
| | Middle Reach | 7.9 |
| | Inner Reach | 7.9 |
| * | Swing Basin | 6.6 |
| | Oil Berth | 8.3 |
| * | BST Berth | 10.6 |
| | Deep draught departure channel | 7.9m |

* Indicates revised entry.

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

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

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

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

**59(T)/2012 AUSTRALIA - QUEENSLAND - Thursday Island - Depth information**
Maritime Safety Queensland Notice 1(T)/2012 (AA574953)

Available depths as at 2 January 2012:

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

* Indicates revised entry.

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

**118(T)/2012 AUSTRALIA - QUEENSLAND - Whitehaven Bay - Lagoon Rock - Light beacon destroyed**
*Former Notice* - 317(T)/2011 is cancelled
Maritime Safety Queensland Notice 62(T)/2012 (AA578865)

The west cardinal light beacon, *Q(9)15s* (20° 16'.03 S 149° 02'.48 E), has been destroyed; a west cardinal light buoy, *Q(9)15s,* exists in situ.

**Chart temporarily affected – Aus 252 – Aus 253 – Aus 824 – Aus 825**

**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**

**249(T)/2012 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instruments**
*Date* - Until 1 February 2013
Maritime Safety Queensland Notice 103(T)/2012 (AA587706)

Subsurface scientific instruments exist in the following positions:
19° 50'.75 S 148° 03'.77 E
19° 51'.70 S 148° 02'.61 E
19° 52'.76 S 148° 05'.27 E.

**Chart temporarily affected - Aus 255**

**251(T)/2012 AUSTRALIA - QUEENSLAND - Cleveland Bay to Rowes Bay - Scientific instruments**
*Date* - Until 31 March 2013
Maritime Safety Queensland Notice 194(T)/2012 (AA586719)

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

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

**298(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Cabbage Tree Head - Dredging operations**
*Date* - Until 12 September 2012
Maritime Safety Queensland Notice 211(T)/2012 (AA587829)

The dredge *Sterling,* MT *Kiandra,*support vessel *Seaweed* and various barges are conducting dredging operations in the vicinity of position 27° 19'.85 S 153° 05'.35 E.

All vessels will display appropriate lights and shapes and will monitor VHF Ch 12 and 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**302(T)/2012 AUSTRALIA - QUEENSLAND - Bluff Rock to Wreck Point - Scientific instruments**
Maritime Safety Queensland Notice 223(T)/2012 (AA588180)

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

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

**306(T)/2012 AUSTRALIA - TORRES STRAIT - Adolphus Channel to Gannet Passage - AIS trial**
*Former Notice* - 58(T)/2012 is cancelled
Australian Maritime Safety Authority (AA567095, AA572149, AA572150, AA573831)

AIS units have been attached to navaids as follows:

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

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

**344(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Reach - Shoaling; exclusion zone**
*Former Notice* - 297(T)/2012 is cancelled
Maritime Safety Queensland Notices 220(T)/2012, 293(T)/2012 (AA588167, AA591029)

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

| *Position* | *Remarks* |
|---|---|
| 27° 25'.15 S 153° 08'.67 E | |
| 27° 25'.13 S 153° 08'.59 E | port lateral light buoy, *Q.R* |
| 27° 25'.20 S 153° 08'.52 E | port lateral light buoy, *Q.R* |
| 27° 25'.28 S 153° 08'.55 E. | |

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 237 - Aus 238**

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

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

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

Available depths as at 3 April 2012:

| | *Metres* | *Remarks* |
|---|---|---|
| *Sea Channels:* | | |
| Wild Cattle Cutting | 16.1 | |
| * Boyne Island Cutting | 16.1 | |
| Boyne Island Extension Channel | 9.0 | |
| Golding Cutting | 16.1 | |
| * South Bypass Channel | 7.3 | |
| Gatcombe Channel | 16.3 | |
| * Gatcombe Bypass Channel | 12.5 | |
| *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 | 10.6 | |
| Targinie Swing Basin East | 10.6 | |
| Targinie Swing Basin West | 9.0 | |
| *Berths:* | | |
| Boyne Smelter Wharf | 15.0 | |
| * South Trees East Wharf | 12.8 | |
| * South Trees West Wharf | 12.8 | |
| Barney Point Wharf | 13.5 | (east approach) |
| Barney Point Wharf | 11.5 | (west approach) |
| Barney Point Wharf | 15.0 | |
| Auckland Point No 1 Wharf | 11.3 | |
| Auckland Point No 2 Wharf | 11.3 | |
| * Auckland Point No 3 Wharf | 11.3 | |
| * Auckland Point No 4 Wharf | 11.4 | |
| * Clinton No 1 Wharf | 18.8 | |
| * Clinton No 2 Wharf | 18.8 | |
| * Clinton No 3 Wharf | 18.8 | |
| * Clinton No 4 Wharf | 18.8 | |
| * Fishermans Landing Wharf No 1 | 12.9 | |
| * Fishermans Landing Wharf No 2 | 12.9 | |
| * Fishermans Landing Wharf No 4 | 11.2 | |
| * Fishermans Landing Wharf No 5 | 11.2 | |

* Indicates new or revised entry.

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

**350(T)/2012 AUSTRALIA - QUEENSLAND - Abbot Point - Drilling operations**

Maritime Safety Queensland Notice 258(T)/2012 (AA589526)

The jack-up barge *Sealift 1* is conducting drilling operations in an area bounded by the following positions:

19° 51'.40 S 148° 05'.40 E
19° 51'.72 S 148° 05'.40 E
19° 51'.72 S 148° 05'.90 E
19° 51'.40 S 148° 05'.90 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 255**

**399(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Outer Bar Reach - Light buoy off station**
*Former Notice* - 812(T)/2011 is cancelled
Maritime Safety Queensland (AA594644)

No20 port lateral light buoy, *Fl.R.4s* (27° 21'.32 S 153° 10'.75 E), is off station due to dredging operations.

**Chart temporarily affected - Aus 237**

**401(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Fishermans Landing - Harbour works**
*Date* - Until 1 May 2012
Maritime Safety Queensland Notice 366(T)/2012 (AA594414)

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

The piling barge *Leonora* is onsite and has deployed anchors in the following positions:
23° 47'.28 S 151° 10'.74 E
23° 47'.40 S 151° 10'.62 E
23° 47'.28 S 151° 10'.68 E
23° 47'.34 S 151° 10'.62 E
23° 47'.34 S 151° 10'.74 E
23° 47'.40 S 151° 10'.68 E.

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

Mariners are advised to navigate with caution in the area.

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

**404(T)/2012 AUSTRALIA - QUEENSLAND - Fitzalan Passage - Light buoy off station**
Maritime Safety Queensland Notice 353(T)/2012 (AA594029)

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

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

**414(T)/2012 AUSTRALIA - QUEENSLAND - Karumba - Light beacon withdrawn**
*Former Notice* - 123(T)/2012 is cancelled
Maritime Safety Queensland Notices 362(T)/2012 (AA594401)

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

**Chart temporarily affected - Aus 6**

**458(T)/2012 AUSTRALIA - QUEENSLAND - Dudgeon Point - Scientific instruments**
*Former Notice* - 349(T)/2012 is cancelled
*Date* - Until 24 October 2012
Maritime Safety Queensland Notice 421(T)/2012 (AA596176)

Scientific instruments marked by special light buoys, *Q.Y,* exist in positions:
21° 11'.65 S 149° 15'.38 E
21° 13'.11 S 149° 17'.09 E
21° 14'.58 S 149° 16'.02 E
21° 19'.02 S 149° 19'.02 E.

**Chart temporarily affected – Aus 249 – Aus 823 – AX 00249S – AX 00823S**

**459(T)/2012 AUSTRALIA - QUEENSLAND - Schooner Rock - Light beacon destroyed; buoy established**
*Former Notice* - 1187(T)/2010 is cancelled
Maritime Safety Queensland Notice 399(T)/2012 (AA596079)

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

**Chart temporarily affected – Aus 251 – Aus 824**

**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**

**463(T)/2012 AUSTRALIA - QUEENSLAND - Port Douglas - Depth information**
*Former Notice* - 621(T)/2010 is cancelled
Maritime Safety Queensland Notice 423(T)/2012 (AA596398)
Available depths as at 28 April 2012:

| | | *Metres* |
|---|---|---|
| * | Outer Channel | 1.9 |
| | Inner Channel | 2.1 |
| | Boat ramp to marina | 1.9 |
| | Shoreline to mooring piles from southern side of boat ramp to marina | 0.0 |

* Indicates revised entry.

**Chart temporarily affected – Aus 270**

**500(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Bulimba Reach - Harbour works**
***Date* - Until 9 October 2012**
Maritime Safety Queensland Notice 484(T)/2012 (AA599470)

Harbour works associated with the demolition of the wharf and installation of a new platform are in progress in position 27° 27'.93 S 153° 03'.18 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 238**

**502(T)/2012 AUSTRALIA - QUEENSLAND - Noosa Head - Tide guage**
*Date* - Until 9 August 2012
Maritime Safety Queensland Notice 464(T)/2012 (AA598153)

A tide gauge exists in position 26° 22'.29 S 153° 06'.17 E.

**Chart temporarily affected – Aus 815**

**503(T)/2012 AUSTRALIA - QUEENSLAND - Leeper Reef - Light buoy unlit**
Maritime Safety Queensland Notice 438(T)/2012 (AA597707)

The east cardinal light buoy, *VQ(3)5s* (21° 22'.89 S 148° 19'.86 E), is unlit.

**Chart temporarily affected – Aus 249 – Aus 823**

**505(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Exclusion zone**
*Date* - Until 15 December 2013
Maritime Safety Queensland Notice 470(T)/2012 (AA599481)

An exclusion zone exists in an area bounded by the following positions:
21° 16'.24 S 149° 17'.54 E
21° 15'.69 S 149° 18'.55 E
21° 15'.53 S 149° 18'.46 E
21° 15'.48 S 149° 18'.58 E
21° 16'.16 S 149° 19'.02 E
21° 16'.37 S 149° 18'.63 E
21° 16'.17 S 149° 18'.51 E
21° 16'.53 S 149° 17'.84 E
21° 15'.68 S 149° 18'.71 E
21° 15'.86 S 149° 18'.75 E
21° 15'.91 S 149° 18'.86 E.

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

**506(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Scientific instruments**
*Date* - Until 9 June 2012
Maritime Safety Queensland Notice 457(T)/2012 (AA598385)

Scientific instruments exist on the seabed in positions 21° 15'.82 S 149° 18'.06 E and 21° 15'.93 S 149° 17'.56 E.

**Chart temporarily affected – Aus 249 – Aus 250**

**512(P)/2012 AUSTRALIA - QUEENSLAND - Eborac Island - Light altered**
*Date* - On or about 30 June 2012
Australian Maritime Safety Authority Auscoast Warning 126/2012 (AA599173, AA598389)

The light (10° 40'.93 S 142° 32'.01 E) has been temporarily altered to *Fl(2)10s 10M.* The light will be altered to *Fl(2)10s 14M* on or about 30 June 2012.

**Chart which will be affected – Aus 292 – Aus 376 – Aus 839**

**563(P)/2012 AUSTRALIA - QUEENSLAND - Albany Rock - Light altered**
*Date* - On or about 31 July 2012
Australian Maritime Safety Authority (AA600672, AA600675)

The light (10° 43'.12 S 142° 37'.75 E) been temporarily altered to *Fl.5s 10M.* On or about 31 July 2012 the light will be altered to *Fl.WRG.5s 11/8M* with sectors White 145° - 160°, Red 160° - 293°, White 293° - 301°, Green 301° - 145°.

**Chart which will be affected – Aus 292 – Aus 376 – Aus 839**

**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**

**603(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Drilling operations**
*Date* - Until 16 September 2012
Maritime Safety Queensland Notice 562(T)/2012 (AA603058)

Jack-up barges *Sealift 3, Sealift 2,* and *The Shine* and support vessels *Sea Cat, Sea Rib* and *Abyss Dive* are conducting drilling operations in areas bounded by the following positions:

23º 47'.22 S 151º 12'.49 E
23º 47'.48 S 151º 12'.69 E
23º 47'.22 S 151º 12'.69 E
23º 47'.48 S 151º 12'.49 E
23º 47'.22 S 151º 12'.49 E, and

23º 47'.47 S 151º 13'.68 E
23º 47'.80 S 151º 14'.08 E
23º 47'.71 S 151º 13'.59 E
23º 47'.65 S 151º 14'.08 E
23º 47'.79 S 151º 13'.59 E
23º 47'.47 S 151º 13'.68 E, and

23º 47'.80 S 151º 13'.63 E
23º 48'.69 S 151º 14'.04 E
23º 48'.79 S 151º 13'.84 E
23º 48'.07 S 151º 13'.41 E
23º 47'.80 S 151º 13'.87 E
23º 48'.79 S 151º 14'.04 E
23º 48'.63 S 151º 13'.69 E
23º 47'.80 S 151º 13'.63 E, and

23º 48'.80 S 151º 13'.78 E
23º 48'.93 S 151º 13'.84 E
23º 49'.68 S 151º 13'.23 E
23º 49'.87 S 151º 13'.28 E
23º 49'.37 S 151º 12'.96 E
23º 48'.81 S 151º 13'.94 E
23º 49'.38 S 151º 13'.21 E
23º 49'.76 S 151º 13'.23 E
23º 49'.83 S 151º 13'.10 E
23º 48'.80 S 151º 13'.78 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 245**

**606(T)/2012 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoys**
*Former Notice* - 406(T)/2012 is cancelled
*Date* - Until 15 November 2012
Australian Institute of Marine Science (AA603983, AA603998, AA603999), Maritime Safety Queensland Notice 606(T)/2012 (AA604440)

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

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

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

**645(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Rainbow Channel - Light beacon withdrawn**
Maritime Safety Queensland Notice 655(T)/2012 (AA607798)

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

**Chart temporarily affected - Aus 236**

**650(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Depth information**
*Former Notices* - 819(T)/2011,1027(T)/2011,504(T)/2012 are cancelled
Maritime Safety Queensland Notices 633(T)/2012, 634(T)/2012, 635(T)/2012 (AA606614 - AA606616)

Available depths as at 20 June 2012:

| | *Metres* | *Remarks* |
|---|---|---|
| * 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:

| | *Metres* |
|---|---|
| Centre line leads (255°) | 3.6 |
| Southern approach leads (291°) | 3.8 |

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

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

**Chart temporarily affected - Aus 230**

**697(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Aquarium Passage - Harbour works**
*Date* - Until 10 August 2012
Maritime Safety Queensland Notice 700(T)/2012 (AA611079)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

**700(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Drilling operations**
*Former Notice* - 555(T)/2012 is cancelled
*Date* - Until 30 September 2012
Maritime Safety Queensland Notices 533(T)/2012, 716(T)/2012 (AA601623, AA611895)

JUB *Ocean Driller II* , and support vessels *Leonora* and *Lorraine* are conducting drilling operations in an area bounded by the following positions:
23º 47'.96 S 151º 12'.88 E
23º 48'.42 S 151º 14'.34 E
23º 49'.84 S 151º 16'.21 E
23º 49'.60 S 151º 15'.49 E
23º 48'.64 S 151º 14'.00 E
23º 48'.68 S 151º 13'.80 E
23º 48'.49 S 151º 13'.33 E
23º 48'.13 S 151º 12'.91 E.

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

Mariners are advised to navigate with caution in the area.

**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**

**704(T)/2012 AUSTRALIA - QUEENSLAND - Mourilyan - Light buoy off station**
Maritime Safety Queensland Notice 691(T)/2012 (AA610814)

The special light buoy, *Fl.Y.2·5s* (17° 36'.17 S 146° 07'.50 E), is off station.

**Chart temporarily affected - Aus 258**

**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**

**741(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works; light buoys**
*Former Notice* - 646(T)/2012 is cancelled
*Date* - Until 31 December 2013
Maritime Safety Queensland Notices 905(T)/2011, 922(T)/2011, 934(T)/2011, 769(T)/2012 (AA557690, AA559085, AA559073, AA614022)

Works associated with the construction of berths 11 and 12 are in progress.

The barge *Maeve Anne* is conducting piling operations in position 27° 21'.49 S 153° 10'.83 E and has deployed three anchors westward marked by special buoys.

----------A no wash zone exists between positions 27° 21'.14 S 153° 10'.87 E and 27° 21'.54 S 153° 10'.60 E which are marked by special light buoys, *Fl.Y.2·5s.* No22 light buoy (27° 21'.54 S 153° 10'.60 E) has been withdrawn.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 237**

**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**

**744(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - South Trees Point - Pipeline**
*Date* - Until 31 August 2012
Maritime Safety Queensland Notice 772(T)/2012 (AA613999)

Works associated with pipeline installation and stabilisation are in progress in the vicinity of position 23° 51'.48 S 151° 18'.30 E.

Vessels *IBIS II, Bega* and *Steel Rover* are onsite and will monitor VHF Ch 13, Ch 15 and Ch 75.

Mariners are advised to navigate with caution in the area.

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

**745(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Auckland Point - Harbour works**
*Date* - Until 21 August 2012
Maritime Safety Queensland Notice 767(T)/2012 (AA613756)

Piling operations are in progress at the eastern end of berth No4 (23° 49'.98 S 151° 15'.84 E).

The barges *Markwell Outpost* and *Capricorn* are onsite and will display the appropriate 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**

**747(T)/2012 AUSTRALIA - QUEENSLAND - Round Top Island - Scientific instrument**
Maritime Safety Queensland Notice 770(T)/2012 (AA613993)

A special light buoy, *Fl.Y.5s,* exists in position 21° 10'.11 S 149° 15'.72 E.

**Chart temporarily affected – Aus 249 – Aus 823 – AX 00249S – AX 00823S**

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

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

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

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

Available depths as at 23 July 2012:

| | | *Metres* |
|---|---|---|
| | Entrance Channel | 1.5 |
| * | Inner Channel | 2.3 |
| * | Public Wharf | 2.0 |
| | Swing Basin | 1.4 |

* Indicates revised entry.

**Chart temporarily affected – Aus 270**

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

Available depths as at 16 July 2012:

| | *Berth* | *Metres* |
|---|---|---|
| * | Entrance Channel | 3.6 |
| | Mobil/Trinity Wharf | 6.3 |
| | Raptis Wharf | 5.3 |
| | Ruby Marine Wharf | 5.3 |
| | Gulf Freight Services Wharf | 6.2 |
| | Karumba Cold Stores Wharf | 6.2 |
| | Seaswift/Shell Wharf | 6.2 |
| | Karumba Livestock Loading Wharf | 5.4 |
| | Gulf Freight Services Ramp/Wharf | 4.6 |
| | Pasminco Export Wharf | 4.2 |

* Indicates revised entry.

**Chart temporarily affected – Aus 6**

**797(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer**
*Former Notice* - 599(T)/2012 is cancelled
*Date* - Until 15 September 2012
Maritime Safety Queensland Notice 778(T)/2012 (AA614410)

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**

**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**

**802(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Gatcombe Channel - Light beacon destroyed**
Maritime Safety Queensland Notice 816(T)/2012 (AA616595)

The special light beacon, *Q & Fl.Y.4s* (23° 53'.31 S 151° 21'.95 E), has been destroyed; a special light buoy, *Fl.Y.4s,* exists in situ.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 245 – Aus 246**

**803(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations**
*Date* - Until 26 November 2012
Maritime Safety Queensland Notice 780(T)/2012 (AA614416)

The dredge *NU Endeavour* is conducting dredging operations in an area bounded by the following positions:
23° 49'.53 S 151° 14'.84 E
23° 49'.87 S 151° 15'.05 E
23° 49'.19 S 151° 14'.15 E
23° 49'.10 S 151° 14'.20 E
23° 49'.06 S 151° 14'.39 E.

A floating pipeline is connected to the dredge.

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

Mariners are advised to navigate with caution in the area.

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

**813(T)/2012 AUSTRALIA - QUEENSLAND - Weipa - Depth information**
*Former Notice* - 60(T)/2012 is cancelled
Maritime Safety Queensland Notice 819(T)/2012 (AA616508)

Available depths as at 3 August 2012:

| | | *Metres* |
|---|---|---|
| | Weipa Approaches | 11.1 |
| | South Channel | 11.1 |
| | Departure Channel | 11.1 |
| | Cora Bank South Channel | 7.3 |
| | Humbug Point Approaches | 8.6 |
| | Humbug Point Berth | 9.5 |
| * | Evans Landing | 9.9 |
| | Lorim Point East | 12.3 |
| | Lorim Point West | 12.3 |

* Indicates revised entry

**Chart temporarily affected – Aus 4**

**857(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Light beacon destroyed; light buoy established**
*Former Notice* - 559(T)/2012 is cancelled
Maritime Safety Queensland Notice 873(T)/2012 (AA618554)

The port lateral light beacon (21° 09'.00 S 149° 13'.18 E) has been destroyed; a port lateral light buoy, *Fl.R.2·5s,* exists in situ.

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

**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:

| *Position* | *Remarks* |
|---|---|
| 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, *Fl.Y.4s* |
| 19° 15'.14 S 146° 49'.98 E | special light buoy, *Fl.Y.4s* |
| 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, *Fl.Y.4s.* |
| 19° 15'.07 S 146° 49'.88 E | special light buoy, *Fl.Y.4s.* |
| 19° 15'.04 S 146° 49'.89 E | special light buoy, *Fl.Y.4s* |
| 19° 15'.01 S 146° 49'.90 E | special light buoy, *Fl.Y.4s.* |
| 19° 14'.98 S 146° 49'.91 E | special light buoy, *Fl.Y.4s.* |
| 19° 14'.95 S 146° 49'.91 E | special light buoy, *Fl.Y.4s.* |
| 19° 14'.94 S 146° 49'.88 E | special light buoy, *Fl.Y.4s.* |
| 19° 14'.96 S 146° 49'.85 E | special light buoy, *Fl.Y.4s.* |
| 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 - Navaids**
*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:

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

* Indicates revised entry.

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

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

*Date* - On or about 14December2012
Aus coast Warning 213/2012 (AA616695), Australian Maritime Safety Authority ATH 7/2012 (AA618098)

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

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

**897(T)/2012 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations**
*Former Notice* - 852(T)/2012 is cancelled
Maritime Safety Queensland Notices 905(T)/2012, 906(T)/2012 (AA621708, AA621709)

Shoaling with a least depth of *3.3m* exists within the main channel to Mooloolah River. Shoaling with a least depth of *1.6m* exists adjacent to the end of the eastern breakwater. A shoal, with a least depth of *2.9m,* exists near the channel's centre line in the vicinity of position 26° 40'.81 S 153° 07'.98 E. A shoal, with a least depth of *1.4m,* exists in position 26° 40'.85 S 153° 07'.82 E.

The dredge *Saibai* is conducting dredging operations in the area. A floating pipeline exists from the dredge to the western breakwater. The dredge will display appropriate lights and shapes and will monitor VHF Ch 12, 16 and 73.

A shoal, with a least depth of *1.1m,* exists between No5 light beacon (26° 40'.92 S 153° 08'.09 E) and No7 light beacon (26° 41'.07 S 153° 08'.09 E) in the vicinity of position 26° 40'.99 S 153° 08'.09 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 235**

**900(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations**
*Former Notice* - 651(T)/2012 is cancelled
*Date* - Until 22 December 2012
Maritime Safety Queensland Notice 912(T)/2012 (AA621726)

Diving operations are in progress in the vicinity of the DBCT berths (21° 14'.96 S 149° 18'.31 E).

MV *Shadows* and barges *Clam* or *Shadowplay* are onsite and will display appropriate 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**

**901(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Depth information**
*Former Notice* - 807(T)/2012 is cancelled
Maritime Safety Queensland Notices 804(T)/2012, 920(T)/2012 (AA615852, AA621753)

Available depths as at 31 August 2012:

| | *Metres* | *Remarks* |
|---|---|---|
| * Sea Channel | 11.7 | |
| * Platypus Channel | 11.6 | |
| Outer Harbour: | | |
| Arrival Channel | 7.0 | |
| Departure Channel | 10.9 | |
| Inner Harbour: | | |
| Harbour | 11.7 | |
| Berths: | | |
| * No 1 | 11.9 | |
| * No 2 | 12.0 | (550 to 770 mark) |
| * No 2 | 11.7 | (770 to 790 mark) |
| * No 3 | 11.9 | |
| No 4 | 10.2 | |
| No 7 | 10.3 | |
| Between No 7 and No 8 | 9.8 | Seaward of 0 mark at No 7 |
| No 8 | - | Works in progress |
| * No 9 | 11.6 | |
| Between No 9 and No 10 | 10.0 | Seaward of 0 mark at No 10 |
| No 10 | - | Works in progress |
| * No 11 | 11.3 | |
| Ross River Channel | 1.7 | Shoaling with least depth 1.2m exists at the southern and southeastern extremity of the Marine Precinct Turning Basin. |
| Ross River | - | No declared depth |
| Ross Creek | 1.9 | From Reef HQ to swing basin |

* Indicates revised entry.

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

**905(P)/2012 AUSTRALIA - TORRES STRAIT - Goods Island - AIS trial**
*Date* - On or about 14 December 2012
Australian Maritime Safety Authority Auscoast Warning 234/2012 (AA621328)

An AIS unit MMSI 995031023 has been established at the light, *Fl.2·5s 105m 14M* (10° 33'.91 S 142° 09'.13 E).

**Chart which will be affected – Aus 292 – Aus 293 – Aus 296 – Aus 299 – Aus 376 – Aus 700**

**906(T)/2012 AUSTRALIA - QUEENSLAND - Seisia - Red Island Point - Harbour works**
*Date* - Until 31 October 2012
Maritime Safety Queensland Notice 919(T)/2012 (AA621768)

Works are in progress at Seisia jetty and barge ramp (10° 50'.79 S 142° 21'.94 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 294**

**949(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information**
*Former Notice* - 896(T)/2012 is cancelled
Brisbane Port Corporation (AA626066)

Available depths and under keel clearances (UKC) at 20 September 2012:

| | *Berth* | *Metres* | *Remarks* |
|---|---|---|---|
| | Fisherman Islands No10 | 14.1 | |
| * | Fisherman Islands No9 | 14.1 | |
| | Fisherman Islands No8 | 14.1 | |
| | Fisherman Islands No7 | 14.2 | |
| | Fisherman Islands No6 | 14.0 | |
| | Fisherman Islands No5 | 14.1 | |
| | Fisherman Islands No4 | 14.0 | |
| * | Fisherman Islands No3 | 14.0 | |
| | Fisherman Islands No2 | 14.1 | |
| | Fisherman Islands No1 | 14.0 | |
| | Fisherman Islands Grain and Woodchip | 13.4 | |
| * | Caltex Fisherman Islands | 14.4 | |
| * | Fisherman Islands Coal | 14.0 | |
| * | Fisherman Islands General Purpose | 11.5 | |
| | BP Luggage Point | 14.4 | |
| | Caltex Products | 10.1 | |
| | Cement Australia Co Wharf | 9.7 | |
| * | BP Products | 10.9 | |
| | Shell | 11.0 | |
| | Pacific Terminals | 10.7 | |
| | Incitec North | 10.0 | |
| | Incitec South | 10.5 | |
| | Pinkenba 1 | 10.4 | |
| | Pinkenba 2 | 10.4 | |
| | Riverside Marina | - | |
| | Sugar Terminal | 9.8 | |
| | Cairncross Fitting Out Wharf | 8.5 | |
| | Cairncross Breasting Wharf | 6.6 | |
| | Brisbane Naval Wharf | 4.3 | |
| * | Maritime No1 | 9.0 | |
| * | Hamilton No4 | 10.4 | |
| | Hamilton No1 | 8.8 | |
| | Brisbane Cruise Ship Terminal | 9.0 | |

| | *Metres* | *UKC/Remarks* |
|---|---|---|
| *Moreton Bay:* | | |
| North West Channel | 15.0 | 2.3 (280m width) |
| North West Bypass Channel | 9.2 | 1.6 |
| Spitfire Channel | 15.0 | 1.5 (600m width) |
| East Knoll Bypass Channel | 6.0 | 1.4 |
| East Channel | 15.0 | 1.5 (300m width from western side) |
| Main Channel (M8 - M9) | 10.0 | 1.8 |
| Entrance Channel (E5 - EBCN) | 14.7 | 1.5 |

*Brisbane River:*

| | | |
|---|---|---|
| Entrance Beacons and Inner Bar Cutting | 14.0 | 1.46 |
| Entrance Beacons and Outer Bar Cutting | 14.0 | 1.46 |
| Fisherman Islands Swing Basin | 14.0 | 1.3 |
| Pelican Banks Reach to Hamilton Reach | 9.1 | 0.6 / 0.9 (draft/tide) |
| Cement Australia Swing Basin | 9.1 | 0.6 / 0.9 (draft/tide) |
| Pinkenba Swing Basin | 9.1 | 0.6 / 0.9 (draft/tide) |
| Hamilton Swing Basin | 9.1 | 0.6 / 0.9 (draft/tide) |

* Indicates new or revised entry.

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

**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:

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

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

**952(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Mud Island - Dredging operations**
*Former Notice* - 920(T)/2011 is cancelled
*Date* - Until 2 November 2012
Maritime Safety Queensland Notice 943(T)/2012 (AA623234)

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 245**

**953(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Friend Point to Laird Point - Dredging operations**
*Date* - Until 31 January 2013
Maritime Safety Queensland Notice 979(T)/2012 (AA625209)

The dredge *Gungner R* and support vessels are conducting dredging operations between positions 23° 44'.86 S 151° 09'.44 E and 23° 44'.73 S 151° 10'.31 E.

Vessels 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 245 - Aus 819**

**954(T)/2012 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing**
*Former Notice* - 856(T)/2012 is cancelled
*Date* - Until 11 October 2012
Maritime Safety Queensland Notices 856(T)/2012, 982(T)/2012 (AA622901, AA625769)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 25 September to 10 October 2012.

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

| | |
|---|---|
| 22° 40'.00 S | 150° 38'.00 E |
| 22° 35'.87 S | 150° 28'.80 E |
| 22° 24'.75 S | 150° 17'.35 E |
| 22° 21'.11 S | 150° 17'.03 E |
| 22° 14'.76 S | 150° 20'.31 E |
| 22° 10'.02 S | 150° 30'.06 E |
| 22° 15'.28 S | 150° 38'.10 E |
| 22° 19'.65 S | 150° 37'.55 E |
| 22° 40'.00 S | 150° 38'.00 E. |

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

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

**Chart temporarily affected - Aus 260 - Aus 261 - Aus 261 - Aus 367 - Aus 822 - AX 67261 - AX 00260S - AX 00260T - AX 00367S - AX 00822S**

**955(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Depth information**
*Former Notice* - 804(T)/2012 is cancelled
Maritime Safety Queensland Notice 939(T)/2012 (AA623234)

Available depths as at 6 September 2012:

| | *Remarks* | *Metres* |
|---|---|---|
| | Entrance Channel | 8.2 |
| | Swing Basin | 8.5 |
| * | Berth No 1 | 10.5 |
| | Berth No 3 | 12.7 |
| | Berth No 3 & 4 composite | 12.4 |
| | Berth No 4 | 10.5 |
| | Berth No 5 | 12.2 |

* Indicates revised entry.

Caution: Lesser depths may occur in berthing pockets but are not considered to have an impact on shipping.

**Chart temporarily affected - Aus 250**

**956(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations**
*Date* - Until 4 November 2012
Maritime Safety Queensland Notice 937(T)/2012 (AA623245)

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

Mariners are advised to navigate with caution in the area.

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

**958(T)/2012 AUSTRALIA - TORRES STRAIT - Madge Reef - Wreck**
Maritime Safety Queensland Notice 947(T)/2012 (AA624641)

A wreck marked by a special light buoy, *Fl.Y.2·5s,* exists in position 10° 35'.69 S 142° 14'.47 E.

Mariners are advised to navigate with caution in the area.

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

**959(P)/2012 AUSTRALIA - QUEENSLAND - Weipa - Light beacons to be established; light beacons to be renumbered**
*Date* - On or about 12 October 2012
Maritime Safety Queensland Notices 942(T)/2012, 976(T)/2012 (AA625734, AA625738, AA625739 - AA625741)

Light beacons will be established as follows:

| *Name* | *Position* | *Characteristic* | *Remarks* |
|---|---|---|---|
| S1 | 12° 42'.23 S 141° 40'.04 E | *Fl.G.4s* | |
| S2 | 12° 42'.14 S 141° 40'.02 E | *Fl.R.4s* | |
| S3 | 12° 41'.96 S 141° 41'.36 E | *Fl.G.4s* | |
| S4 | 12° 41'.87 S 141° 41'.34 E | *Fl.R.4s* | Replaces charted Fairway beacon. |

Light beacons will be renumbered as follows:

| *Charted No.* | *New No.* |
|---|---|
| No1 | SC5 |

| | |
|---|---|
| No2 | SC6 |
| No3 | SC7 |
| No4 | SC8 |
| No5 | SC9 |
| No6 | SC10 |
| No7 | SC11 |
| No8 | SC12 |
| No9 | SC13 |
| No10 | SC14 |
| No11 | SC15 |
| No12 | SC16 |
| No13 | SC17 |
| No14 | SC18 |
| No15 | SC19 |
| No16 | SC20 |
| No17 | SC21 |
| No18 | SC22 |
| No19 | CS1 |
| No20 | SC24 |
| No21 | CS3 |
| No22 | CS2 |
| No23 | CS5 |
| No24 | CS4 |
| No25 | CN1 |
| No26 | CS6 |
| No27 | CN3 |
| No28 | CN2 |
| No29 | CN5 |
| No30 | CN4 |
| No31 | CN7 |
| No32 | CN6 |
| No33 | CN9 |
| No34 | CN8 |
| No35 | CN11 |
| No36 | CN10 |
| No37 | CN13 |
| No38 | CN12 |
| No40 | CN14 |
| No42 | CN16 |
| No44 | CN18 |
| Cora Bank W | CBW |
| Cora Bank E | CBE |

**Chart which will be affected - Aus 4 - Aus 301 - Aus 701**

## NORTHERN TERRITORY

**223(T)/2009 AUSTRALIA - TIMOR SEA - Sahul Banks - Navaid; racon non operational**
*Former Notice* - 671(T)/2008 is cancelled
Modec Management Services (AA384494)

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

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

**324(T)/2011 AUSTRALIA - NORTHERN TERRITORY - Apsley Strait - Light buoys off station and unlit**
Department of Lands and Planning (AA523799)

Light buoys in Apsley Strait between positions 11° 51'.61 S 130° 35'.09 E and 11° 17'.03 S 130° 17'.90 E are off station and unlit.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 22 - Aus 23 - Aus 309 - Aus 722 - AX 0309F - AX 72309 - AX 72722**

**62(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Depth information**
*Former Notice* - 173(T)/2011 is cancelled
Darwin Port Corporation (AA573905)

Available depths as at 21 December 2011:

| *Berths* | *Metres* |
|---|---|
| * DLNG | 13.1 (11.7 in Turning Basin) |
| * LNG 1-2 | 10.5 |
| * East Arm 0-100m | 11.4 |
| East Arm 100-200m | 12.4 |
| * East Arm 200-300m | 12.5 |
| * East Arm 300-400m | 12.9 |
| East Arm 400-500m | 12.8 |
| East Arm 500-600m | 13.4 |
| 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**

**124(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Light beacon destroyed**
Darwin Port Corporation Notice 2(T)/2012 (AA578762)

The light beacon, *Iso.G.4s* (12° 29'.94 S 130° 53'.19 E) has been destroyed; a special light buoy, *Q.Y,* exists in situ.

Mariners are advised to navigate with caution in the area.

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

**160(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Cape Wessels - Wreck westnorthwestward**
*Former Notice* - 617(T)/2011 is cancelled
HMAS *Melville* (AA539627, AA539628)

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

Mariners are advised to navigate with caution in the area.

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

**758(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Dredging operations**
*Date* - Until 16 November 2012
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**

**759(T)/2012 AUSTRALIA - TIMOR SEA - Margaret Harries Banks - Seismic survey**
*Date* - Until 15 December 2012
Fugro Multi Client Services Pty Ltd (AA613326, AA613327, AA613982)

MV *Geo Atlantic,* with a 6000m towed array, and support vessels *Cassandra 6 and Northern Odyssey* are conducting a survey in the area bounded by the following positions:
11° 38'.5 S 126° 39'.5 E
10° 22'.0 S 128° 10'.5 E
10° 35'.5 S 128° 23'.0 E
11° 55'.5 S 126° 50'.5 E.

**Chart temporarily affected – Aus 309 – Aus 311 – Aus 312 – Aus 315 – Aus 4721 (INT 721) – AX 00309U – AX 00311U – AX 00312U – AX 00315U – AX 04721U**

**814(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Light buoy withdrawn**
Darwin Port Corporation Notice 83(T)/2012 (AA616039)

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

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

**867(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point to Walker Shoal - Diving operations**
*Date* - Until 26 October 2012
Darwin Port Corporation Notice 94(T)/2012 (AA619924)

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

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

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

Mariners are advised to navigate with caution in the area.

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

**868(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Bathurst Island - Drill rig northwestwards**
*Date* - Until 24 October 2012
Eni Australia Ltd (AA616831), MODU *ENSCO 109* (AA619213)

Drill rig *ENSCO 109* is conducting drilling operations in position 10° 29'.15 S 128° 56'.90 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 310 - Aus 311 - Aus 4721 (INT 721) - AX 00310U - AX 00311U - AX 04721U**

**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:

| *Number* | *Position* |
|---|---|
| 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)**

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

*Former Notice* - 815(T)/2012 is cancelled
*Date* - Until 31 January 2014
Darwin Port Corporation Notices 85(T)/2012, 101(T)/2012 (AA616576, AA621847)

Works associated with the construction of the module offloading facility are in progress between the shore (12° 30'.77 S 130° 55'.47 E) and position 12° 30'.77 S 130° 55'.65 E.

All construction activity will be marked by flashing yellow lights.

The dredge *Hippopotes* and support vessels are conducting dredging operations in the area. A 250m radius safety zone exists around the dredge.

Mariners are advised to navigate with caution in the area.

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

**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**

**960(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Fenton Patches - Scientific instruments**
*Date* - Until 1 May 2013
Darwin Port Corporation Notice 108(T)/2012 (AA624680)

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**

**961(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Scientific instruments**
*Date* - Until 9 November 2012
Darwin Port Corporation Notice 114(T)/2012 (AA624885)

Special light buoys, *Fl.Y.3·5s,* exist in positions 12° 30'.24 S 130° 55'.13 E and
12° 31'.47 S 130° 56'.13 E.

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

## WESTERN AUSTRALIA

**729(T)2006 WESTERN AUSTRALIA - Albany - Light beacon; light buoy.**
List of Lights Vol K/2006 - 1803.7
Albany Port Authority (A198134).

The No 7 light beacon has been removed; a starboard lateral spar light buoy, *Fl.G.1.5s,* exists in situ.

**Chart temporarily affected - Aus 109.**

**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**

**792(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Perth Canyon - Scientific instruments westwards**
*Date* - Until 1 November 2012
CSIRO (AA414960)

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

| | |
|---|---|
| 31° 55'.30 S 115° 00'.60 E | 32° 03'.20 S 115° 04'.96 E |
| 31° 59'.00 S 115° 14'.00 E | 31° 46'.23 S 114° 56'.60 E |
| 31° 43'.16 S 115° 01'.80 E | 31° 41'.60 S 115° 07'.00 E |
| 31° 38'.80 S 115° 11'.75 E | 31° 37'.60 S 115° 14'.75 E |

**Chart temporarily affected – Aus 334 – Aus 754 – AX 0334E – AX 0754E – AX 66002**

**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:

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

**Chart temporarily affected - Aus 327**

**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:

| *Berth* | *Metres* |
|---|---|

| | | |
|---|---|---|
| | 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**

**1088(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Ant Point - Anchorage northeastwards**
Department of Transport WA Notice 89/2010 (AA497019)

An anchorage with a 300m radius swinging circle exists in position 20° 42'.2 S 115° 29'.8 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

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

**124(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument**
*Date* - Until 31 December 2011
Department of Transport WA (AA511737, AA514503, AA514504)

A scientific instrument marked by a special light buoy, *Fl(5)Y.20s,* exists in position 20° 50'.14 S 115° 30'.46 E.

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

**278(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Comet Bay - Scientific instrument**
*Date* - Until 31 August 2012
CSIRO (AA520991, AA520995)

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

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

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

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

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

**438(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information**
*Former Notice* - 70(T)/2011 is cancelled
Fremantle Ports (AA526854)

Available depths as at 12 April 2011:

| | *Berth* | *Metres* |
|---|---|---|
| | No 1 | 11.0 |
| | No 2 | 11.0 |
| * | No 4 | 14.6 |
| * | No 5 | 14.6 |
| * | No 6 | 14.6 |
| * | No 7 | 14.6 |
| * | No 8 | 14.6 |
| * | No 9 | 14.6 |
| * | No 10 | 14.6 |
| | No 11 | 10.2 |
| | No 12 | 10.8 |
| | C | 10.4 |
| | D | 11.0 |
| | E | 10.5 |
| | F | 10.4 |
| | G | 10.5 |
| | H | 10.3 |

* Indicates new or 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**

**622(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments northwards**
*Former Notice* - 577(T)/2011 is cancelled
*Date* - Until 30 November 2011
MetOcean Engineers, UKHO (AA536573, AA539590)

Scientific instruments exist as follows:

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

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

**776(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline infrastructure**
*Former Notice* - 718(T)/2011 is cancelled
*Date* - Until 10 December 2011
Department of Transport WA Notice 93/2011 (AA546427)

Works associated with pipeline infrastructure installation are in progress. An exclusion zone marked by special light buoys, *Q.Y,* exists within an area bounded by the following positions (WGS84 datum):
20° 41'.40 S 115° 23'.71 E
20° 41'.79 S 115° 24'.68 E
20° 41'.00 S 115° 25'.03 E
20° 40'.55 S 115° 24'.08 E.

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

Mariners are advised to navigate with caution in the area.

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

**941(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Scientific instruments westwards**
*Former Notice* - 574(T)/2011 is cancelled
*Date* - Until 31 May 2012
MetOcean Engineers (AA552557)

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

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

**944(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Owen Anchorage - Harbour works**
*Former Notice* - 778(T)/2011 is cancelled
*Date* - Until 31 March 2012
Department of Transport WA Notice 108/2011 (AA553618)

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

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

Mariners are advised to navigate with caution in the area.

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

**988(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument**
*Former Notice* - 434(T)/2011 is cancelled
*Date* - Until 30 November 2011
Department of Transport WA Notice 112/2011 (AA556389)

A special light buoy, *Fl(5)Y.20s,* exists in position 20° 47'.63 S 115° 29'.12 E.

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

**1098(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Cape Londonderry - Scientific instruments northeastwards**

*Date* - Until 30 September 2012
MetOcean Engineers (AA561014)

Scientific instruments exist as follows:

| *Position (WGS84 datum)* | *Remarks* |
|---|---|
| 13° 07'.66 S 128° 11'.59 E | subsurface |
| 12° 56'.11 S 128° 23'.90 E | subsurface |
| 12° 52'.69 S 128° 32'.04 E | subsurface |
| 12° 52'.25 S 128° 31'.25 E | subsurface |
| 12° 51'.97 S 128° 30'.79 E | subsurface |
| 12° 51'.84 S 128° 30'.58 E | subsurface |
| 12° 48'.03 S 128° 25'.46 E | *Fl(5)Y.20s* |
| 12° 47'.66 S 128° 25'.83 E | *Fl(5)Y.20s* |
| 12° 47'.64 S 128° 25'.06 E | subsurface |
| 12° 47'.26 S 128° 25'.43 E | *Fl(5)Y.20s.* |

**Chart temporarily affected – Aus 315 – Aus 318 – AX 0315F**

**1337(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Broome - Scientific instruments**
*Former Notice* - 977(T)/2010 is cancelled
*Date* - Until 2 December 2012
Broome Port Authority Notice 29/2011 (AA571726)

Scientific instruments marked by special light buoys exist as follows:

| *Position* | *Remarks* |
|---|---|
| 17° 59'.53 S 122° 10'.88 E | *Fl.Y.2s* |
| 18° 03'.60 S 122° 11'.90 E | *Fl.Y.2s* |
| 18° 01'.87 S 122° 12'.78 E | *Fl.Y.2s* |
| 18° 00'.66 S 122° 12'.52 E | unmarked |
| 18° 00'.35 S 122° 13'.20 E | unmarked |
| 18° 00'.09 S 122° 12'.93 E | *Fl.Y.3s* |
| 18° 00'.06 S 122° 12'.93 E | *Fl.Y.3s* |
| 17° 59'.25 S 122° 13'.96 E | *Fl.Y.3s.* |

**Chart temporarily affected – Aus 50 – Aus 51**

**69(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments**
*Former Notice* - 1340(T)/2011 is cancelled
*Date* - Until 30 November 2012
Chevron Australia Pty Ltd (AA570399 - AA570404, AA573021, AA573022), MetOcean Engineers (AA572541)

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° 28'.41 S 115° 08'.41 E
21° 28'.43 S 115° 08'.51 E
21° 31'.75 S 115° 01'.82 E
21° 35'.00 S 115° 01'.28 E
21° 39'.29 S 115° 00'.09 E.

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

**126(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instrument**
*Date* - Until 30 April 2012
Department of Transport WA Notice 13/2012 (AA5782621)

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

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

**127(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Obstructions**
*Former Notice* - 911(T)/2009 is cancelled
Dampier Port Authority Notice 1/2012 (AA578115)

Obstructions marked by special light buoys, *Q,* exist in the following positions:
20° 31'.47 S 116° 45'.16 E
20° 31'.96 S 116° 44'.57 E
20° 32'.49 S 116° 44'.51 E
20° 32'.79 S 116° 44'.51 E.

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

**258(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Dredging operations**
*Former Notice* - 1402(T)/2010 is cancelled
Department of Transport WA Notice 24/2012 (AA586422)

The dredges *Castor* and *Rotterdam* and support vessels are conducting dredging operations in areas bounded by the following positions:
20° 35'.68 S 117° 10'.18 E
20° 35'.59 S 117° 09'.74 E
20° 35'.38 S 117° 09'.74 E
20° 35'.05 S 117° 10'.18 E
20° 35'.43 S 117° 10'.18 E
and
20° 35'.25 S 117° 11'.41 E
20° 34'.70 S 117° 10'.70 E
20° 34'.19 S 117° 11'.22 E
20° 33'.33 S 117° 13'.14 E
20° 34'.67 S 117° 11'.85 E
20° 34'.77 S 117° 11'.95 E
20° 35'.25 S 117° 11'.41 E.

The dredge material will be deposited in spoil grounds in the following positions:
20° 31'.0 S 117° 13'.1 E
20° 29'.0 S 117° 14'.8 E
20° 26'.0 S 117° 21'.0 E.

All vessels will display appropriate lights and shapes and will monitor VHF Ch 19.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 55 - Aus 56 - Aus 740 - Aus 741**

**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**

**358(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seringapatam Reef - Drill rig eastwards**
*Date* - Until 31 July 2012
Australian Maritime Safety Authority Aus coast Warning 86/2012 (AA591158)

Drill rig *Transocean Legend* is conducting drilling operations in position 13° 39'.24 S 122° 17'.52 E.

**Chart temporarily affected - Aus 322 - Aus 4722 (INT 722) - AX 0322F - AX 4722U**

**360(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments**
*Former Notice* - 139(T)/2010 is cancelled

*Date* - Until 30 April 2012
Chevron Australia Pty Ltd (AA590476)

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

**362(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Scientific instruments**
*Former Notice* - 436(T)/2011 is cancelled
*Date* - Until 31 May 2012
MetOcean Engineers (AA586402)

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

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

**363(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Scientific instruments northwards**
*Former Notice* - 210(T)/2012 is cancelled
*Date* - Until 15 December 2012
Fugro Survey Pty Ltd (AA584075, AA584076)

A special light buoy, *Fl(5)Y.20s,* exists in position 20° 12'.54 S 113° 51'.39 E and a subsurface scientific instrument, 70m below the surface, exists in position 20° 12'.54 S 113° 50'.33 E.

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

**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:

| | *Location* | *Metres* |
|---|---|---|
| * | 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**

**613(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Rowley Shoals - Seismic survey**
*Date* - Until 1 February 2013

Woodside Energy Ltd (AA596324, AA604503, AA604504)

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

| | |
|---|---|
| 15° 49'.92 S 119° 53'.37 E | 15° 49'.92 S 120° 15'.08 E |
| 16° 10'.89 S 120° 15'.08 E | 17° 24'.92 S 118° 29'.30 E |
| 17° 24'.92 S 118° 25'.11 E | 17° 05'.73 S 118° 10'.08 E |
| 16° 34'.92 S 118° 10'.08 E | 16° 34'.92 S 118° 16'.46 E |
| 16° 48'.50 S 118° 27'.07 E. | |

**Chart temporarily affected – Aus 325 – Aus 4722 (INT 722) – AX 04722U**

**614(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline**
*Former Notice* - 522(T)/2012 is cancelled
*Date* - Until 15 November 2012
Department of Transport WA (AA601233)

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

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

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

Mariners are advised to navigate with caution in the area.

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

**615(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards**
*Date* - Until 9 September 2012
Apache Energy Ltd (AA604835, AA604836)

Drill rig *Atwood Falcon* is conducting drilling operations in position 20° 01'.83 S 115° 12'.10 E.

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

**619(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Locker Island to Murion Island - Pipeline**
*Date* - Until 15 December 2012
BHP Billiton (AA604285, AA604286)

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

**660(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Light beacons restored**
*Former Notice* - 164(T)/2012 is cancelled
*Date* - Until 31 July 2012
Dampier Port Authority Notice 14/2012 (AA606904)

Light beacons have been restored with a temporary light, *Fl(2)Y.5s,* as follows:

| *Name* | *Position* |
|---|---|
| No 8 | 20° 32'.75 S 116° 43'.42 E |
| No 10 | 20° 33'.24 S 116° 43'.80 E |
| No 11 | 20° 33'.65 S 116° 44'.24 E |
| No 12 | 20° 34'.20 S 116° 44'.89 E. |

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

**661(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - King Bay - Light beacon damaged**
*Former Notice* - 521(T)/2012 is cancelled
Dampier Port Authority Notice 12/2012 (AA606820)

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

**Chart temporarily affected - Aus 59**

**712(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Scientific instruments**
*Former Notice* - 255(T)/2012 is cancelled
*Date* - Until 31 March 2013
MetOcean Engineers (AA609181)

Scientific instruments exist as follows:

| *Position* | *Remarks* |
|---|---|
| 17° 31'.31 S 122° 07'.48 E | 5 poly floats |
| 17° 31'.19 S 122° 07'.51 E | *Fl(5)Y.20s* |
| 17° 31'.22 S 122° 07'.65 E | *Fl(5)Y.20s.* |

**Chart temporarily affected - Aus 324**

**713(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instrument northeastwards**
*Former Notice* - 943(T)/2011 is cancelled
MetOcean Engineers (AA609181)

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

**Chart temporarily affected - Aus 327**

**714(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Scientific instrument northwestwards**
Department of Transport WA Notice 148/2011 (AA610844), F Lawrence (AA610845, AA610846)

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

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

**715(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards**
*Former Notice* - 469(T)/2012 is cancelled
*Date* - Until 18 September 2012
Australian Maritime Safety Authority Aus coast Warning 183/2012 (AA611625)

Drill rig *Atwood Eagle* is conducting drilling operations in position 20° 23'.73 S 114° 21'.05 E.

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

**765(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Mary Anne Group to Ashbuton Road - Scientific instruments**
*Former Notice* - 473(T)/2012 is cancelled
*Date* - Until 16 July 2013
Department of Transport WA Notices 42(T)/2012, 69(T)/2012 (AA596300, AA613722)

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

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

21° 36'.49 S 114° 58'.85 E
21° 37'.87 S 114° 41'.40 E
21° 39'.09 S 114° 53'.98 E
21° 36'.55 S 114° 58'.85 E
21° 38'.93 S 114° 55'.54 E
21° 43'.09 S 114° 46'.22 E.

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

**818(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Seringapatam Reef - Drill rig eastwards**
*Former Notice* - 617(T)/2012 is cancelled
Australian Maritime Safety Authority Auscoast Warning 202/2012 (AA614790)

Drill rig *Jack Bates* is conducting drilling operations in position 13° 35'.10 S 122° 30'.00 E.

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

**819(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Coulomb Point to Cape Latreille - Scientific instruments**
*Former Notice* - 1165(T)/2011 is cancelled
*Date* - Until 30 November 2012
Department of Transport WA Notice 146/2011 (AA616089 - AA616091)

Scientific instruments marked by special buoys exist in positions:
17° 20'.70 S 122° 04'.90 E
17° 23'.35 S 122° 07'.51 E
17° 25'.00 S 122° 06'.49 E
17° 26'.38 S 122° 07'.82 E
17° 31'.00 S 122° 02'.95 E
17° 31'.41 S 122° 07'.73 E
17° 33'.94 S 122° 06'.34 E
17° 33'.95 S 122° 06'.58 E
17° 34'.96 S 122° 07'.30 E
17° 35'.26 S 122° 09'.02 E
17° 40'.25 S 122° 10'.72 E
17° 44'.75 S 122° 11'.94 E.

**Chart temporarily affected – Aus 324**

**820(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments**
*Former Notice* - 1101(T)/2011 is cancelled
*Date* - Until 15 December 2012
MetOcean Engineers (AA614767)

Scientific instruments exist as follows:

| *Position* | *Remarks* |
|---|---|
| 20° 15'.42 S 118° 33'.76 E | 5 poly floats |
| 20° 15'.41 S 118° 33'.32 E | *Fl(5)Y.20s* |
| 20° 13'.60 S 118° 30'.63 E | 5 poly floats |
| 20° 10'.62 S 118° 30'.50 E | 5 poly floats |
| 20° 08'.33 S 118° 23'.50 E | *Fl(5)Y.20s* |
| 20° 08'.05 S 118° 24'.15 E | 5 poly floats |
| 20° 08'.02 S 118° 24'.10 E | *Fl(5)Y.20s* |
| 20° 07'.85 S 118° 23'.72 E | *Fl(5)Y.20s* and 5 poly floats |
| 20° 07'.79 S 118° 23'.84 E | *Fl(5)Y.20s.* |

**Chart temporarily affected – Aus 52 – Aus 53 – Aus 54 – Aus 739 – Aus 740**

**823(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northeastwards**
*Former Notice* - 763(T)/2012 is cancelled
*Date* - Until 30 September 2012
MODU *Ocean America* (AA615982, AA615983)

Drill rig *Ocean America* is conducting drilling operations in position 19° 42'.41 S 115° 52'.55 E.

Mariners are advised to navigate with caution in the area.

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

**913(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Depth information**
*Former Notice* - 659(T)/2012 is cancelled
Dampier Port Authority Notice 20/2012 (AA621769)

Available depths as at 31 August 2012:

| | | *Metres* | *Remarks* |
|---|---|---|---|
| | 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 | |
| | 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 E 116° 44'.63 E and 20° 36'.74 E 116° 44'.90 E. |

*Indicates new or revised entry.

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

**914(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Harbour works**
Dampier Port Authority Notice 19/2012 (AA621896)
Works are in progress at Dampier Cargo Wharf and Small Craft Landing (20° 36'.80 S 116° 44'.93 E). The Small Craft Landing will be closed during the works.

Mariners are advised to navigate with caution in the area.

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

**916(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwestwards**
*Former Notice* - 822(T)/2012 is cancelled
Australian Maritime Safety Authority Auscoast Warning 232/2012 (AA620362)

Drill rig *ENSCO 104* is conducting drilling operations in position 20° 17'.01 S 116° 16'.30 E.

**Chart temporarily affected – Aus 327 – Aus 742**

**917(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands to Barrow Island - Lit mooring buoys**
*Former Notice* - 390(T)/2011 is cancelled
Chevron Australia Pty Ltd (AA622588 - AA622594)

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

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

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

**918(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards**
*Former Notice* - 468(T)/2012 is cancelled
Australian Maritime Safety Authority Auscoast Warning 230/2012 (AA620365)

Drill rig *Deepwater Frontier* is conducting drilling operations in position 19° 48'.0 S 114° 39'.0 E.

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

**919(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards**
*Former Notice* - 616(T)/2012 is cancelled
Australian Maritime Safety Authority Auscoast Warning 233/2012 (AA620360), Chevron Australia Pty Ltd (AA622024)

Drill rig *Atwood Osprey* is conducting drilling operations in position 20° 29'.91 S 114° 49'.50 E.

**Chart temporarily affected – Aus 328 – Aus 4723 (INT 723) – Aus 4725 (INT 725) – AX 04723U**

**920(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Seismic survey**

*Date* - Until 21 October 2012
NT Shipping (AA622087), TGS-NOPEC (AA621826)

MV *Ramform Sterling,* with a 6000m towed array, and support vessel MV *Pacific Crest* are conducting a survey in the area bounded by the following positions:
19° 39'.8 S 112° 58'.3 E
19° 39'.2 S 113° 41'.5 E
20° 17'.1 S 113° 42'.5 E
20° 17'.7 S 112° 59'.0 E.

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

**921(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Scientific instrument**
*Date* - Until 28 September 2012
Department of Transport WA (AA622900)

A special light buoy, *Fl(5)Y.20s,* exists in position 21° 33'.36 S 114° 25'.88 E.

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

## SOUTH AUSTRALIA

**268(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Wirrina Cove - Shoaling**
Department for Transport, Energy and Infrastructure SA Notice 9/2008 (AA315237, AA315236)

Shoaling, least depth *1.6 m*, exists in position 35° 30'.04 S 138° 14'.42 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 125**

**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**

**179(P)/2011 AUSTRALIA - SOUTH AUSTRALIA - Port Augusta - Beacons established**
*Former Notice* - 1211(T)/2010 is cancelled
Department of Transport, Energy and Infrastructure SA Notice 5/2011 (AA516339)

The following beacons have been installed :

| *Name* | *Position* | *Type* |
|---|---|---|
| Bcn21 | 32º34.03'S 137º45.91'E | Starboard Lateral beacon |
| Bcn23 | 32º33.54'S 137º46.21'E | Starboard Lateral beacon |
| Bcn24 | 32º34.05'S 137º45.76'E | Port Lateral light beacon, *Fl.R.3s* |
| Bcn25 | 32º32.90'S 137º46.57'E | Starboard Lateral beacon |
| Bcn26 | 32º33.48'S 137º46.07'E | Port Lateral beacon |
| Bcn27 | 32º32.58'S 137º46.81'E | Starboard lateral light beacon, *Fl.G.5s* |
| Bcn28 | 32º32.83'S 137º46.51'E | Port Lateral beacon |
| Bcn29 | 32º32.34'S 137º46.75'E | Starboard lateral light beacon, *Fl.G.2s* |
| Bcn30 | 32º32.59'S 137º46.71'E | Port Lateral light beacon, *Fl.R.5s* |
| Bcn31 | 32º32.04'S 137º46.35'E | Starboard lateral light beacon, *Fl.G.3s* |
| Bcn32 | 32º32.49'S 137º46.72'E | Port Lateral light beacon, *Fl.R.3s* |
| Bcn33 | 32º32.02'S 137º45.97'E | Starboard lateral light beacon, *Fl.G.5s* |
| Bcn34 | 32º32.33'S 137º46.61'E | Port Lateral beacon |
| Bcn35 | 32º31.97'S 137º45.86'E | Starboard lateral light beacon, *Fl.G.2s* |
| Bcn36 | 32º32.10'S 137º46.32'E | Port Lateral light beacon, *Q R* |
| Bcn37 | 32º31.73'S 137º45.71'E | Starboard Lateral beacon |
| Bcn38 | 32º32.07'S 137º46.05'E | Port Lateral beacon |
| Bcn39 | 32º31.57'S 137º45.76'E | Starboard Lateral beacon |
| Bcn40 | 32º32.02'S 137º45.83'E | Port Lateral beacon |
| Bcn41 | 32º31.28'S 137º45.87'E | Starboard Lateral beacon |
| Bcn42 | 32º31.93'S 137º45.69'E | Port Lateral beacon |
| Bcn43 | 32º30.81'S 137º46.07'E | Starboard lateral light beacon, *Fl.G.3s* |
| Bcn44 | 32º31.72'S 137º45.66'E | Port Lateral light beacon, *Fl.R.3s* |
| Bcn45 | 32º30.71'S 137º46.06'E | Starboard Lateral beacon |
| Bcn46 | 32º31.34'S 137º45.80'E | Port Lateral beacon |
| Bcn47 | 32º30.55'S 137º46.01'E | Starboard lateral light beacon, *Fl.G.5s* |
| Bcn48 | 32º31.15'S 137º45.89'E | Port Lateral beacon |
| Bcn49 | 32º30.26'S 137º45.65'E | Starboard lateral light beacon, *Fl.G.2s* |
| Bcn50 | 32º30.96'S 137º45.97'E | Port Lateral beacon |
| Bcn51 | 32º30.08'S 137º45.52'E | Starboard Lateral beacon |
| Bcn52 | 32º30.81'S 137º46.00'E | Port Lateral beacon |
| Bcn53 | 32º29.89'S 137º45.47'E | Starboard Lateral beacon |
| Bcn54 | 32º30.72'S 137º46.01'E | Port Lateral beacon |
| Bcn55 | 32º29.56'S 137º45.46'E | Starboard lateral light beacon, *Fl.G.5s* |
| Bcn56 | 32º30.63'S 137º45.97'E | Port Lateral beacon |
| Bcn58 | 32º30.57'S 137º45.94'E | Port Lateral beacon |
| Bcn60 | 32º30.28'S 137º45.62'E | Port Lateral light beacon, *Fl.R.5s* |
| Bcn62 | 32º30.13'S 137º45.48'E | Port Lateral light beacon, *Fl.R.2s* |

Bcn64 32º29.90'S 137º45.42'E Port Lateral light beacon, *Fl.R.5s*

Note: Charting area will be updated on rectification of the horizontal datum error in chart Aus 778

**Chart which will be affected - Aus 778**

**226(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Light beacon destroyed**
*Former Notice* - 180(T)/2011 is cancelled
HydroSurvey Australia (AA518403)

The rear lead light beacon (34° 46'.71 S 138° 21'.59 E) has been destroyed.

**Chart temporarily affected - Aus 130 - Aus 138 - Aus 781**

**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:

| | *Metres* | *Remarks* |
|---|---|---|
| * 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**

**267(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Harbour works**
*Date* - Until 30 June 2012
Department of Planning, Transport and Infrastructure SA Notice 8/2012 (AA586051)

Harbour works are in progress at berth H (34° 49'.98 S 138° 30'.41 E).

A barge, which has deployed anchors, is onsite and will display appropriate lights and shapes; the plant may extend 35m into the channel.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 137**

**767(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Great Australian Bight - Ceduna Terrace - Scientific instruments**
*Former Notice* - 1227(T)/2011 is cancelled
*Date* - Until 30 November 2012
MetOcean Engineers (AA613411)

Subsurface scientific instruments exist in positions 33° 21'.95 S 130° 39'.26 E and 34° 28'.50 S 130° 42'.08 E.

**Chart temporarily affected – Aus 4727 (INT 727)**

**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:

| *Berth* | *Metres* |
|---|---|
| Outer Harbor No1 | 11.0 |
| Outer Harbor No2 | 10.5 |
| Outer Harbor No3 | 10.5 |
| Outer Harbor No4 | 10.5 |
| Outer Harbor No6 | 13.8 |
| Outer Harbor No8 | 15.7 |
| Swinging Basin | 13.7 |
| * Inner Harbor M | 10.3 |

* Indicates new entry

**Chart temporarily affected – Aus 137**

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

*Date* - On or about 24 August 2012

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

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

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

## 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:

| *Berth* | *Metres* |
|---|---|
| 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**

**1035(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Obstruction**
*Former Notice* - 797(T)/2007 is cancelled
Victorian Notice 92(T)/2010 (AA495912)

An obstruction marked by three isolated danger light buoys, *Fl(2)4s,* exists in position 38° 19'. 08 S 144° 49'. 61 E

Mariners are advised to navigate with caution in the area.

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

**1100(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Princes Pier - Harbour works**
*Former Notice* - 223(T)/2008 is cancelled
*Date* - Until 30 June 2011
Victorian Notice 94(T)/2010 (AA496795)

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

Mariners are advised to navigate with caution in the area.

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

**1153(T)/2010 AUSTRALIA - VICTORIA - Kilcunda - Exclusion zone**
*Date* - Until 30 June 2011
Victorian Notice 99(T)/2010 (AA498000)

An exclusion zone, associated with the desalination project, exists in an area bounded by the following:

| *Position* | *Remarks* |
|---|---|
| 38° 35'.51 S 145° 30'.43 E | north cardinal light buoy, *Q* |
| 38° 35'.51 S 145° 30'.13 E | west cardinal light buoy, *Q(9)15s* |
| 38° 35'.87 S 145° 30'.26 E | west cardinal light buoy, *Q(9)15s* |
| 38° 36'.23 S 145° 30'.38 E | south cardinal light buoy, *Q(6)+LFl.15s* |
| 38° 36'.23 S 145° 30'.63 E | south cardinal light buoy, *Q(6)+LFl.15s* |

38° 36'.04 S 145° 30'.85 E east cardinal light buoy, *Q(3)10s*
38° 35'.85 S 145° 31'.07 E
38° 35'.52 S 145° 30'.73 E.

Only authorised vessels are permitted entry.

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

**1291(T)/2010 AUSTRALIA - VICTORIA - Ninety Mile Beach - Obstructions**
*Former Notice* - 458(T)/2007 is cancelled
Victorian Notice 51(T)/2007 (AA242065)

Suspended well heads exists within a 300m radius of position 38° 37'.65 S 146° 53'.75 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 357**

**1354(T)/2010 AUSTRALIA - VICTORIA - Corner Inlet - Shoaling**
*Former Notice* - 1213(T)/2008 is cancelled
Victorian Notice 128(T)/2008 (AA368471)

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

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

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

**77(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Appleton Dock - Harbour works**
*Date* - Until 31 August 2011
Victorian Notice 2(T)/2011 (AA512223)

Works associated with the remediation of berths B to D are in progress (37° 49'.07 S 144° 55'.20 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 154**

**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**

**839(T)/2011 AUSTRALIA - VICTORIA - Corner Inlet - Bentley Point - Light beacon destroyed**
Victorian Notice 100/2011 (AA549261)

The light beacon, *Fl.G.3s 7M* (38° 46'.52 S 146° 29'.51 E (WGS84 datum)), has been destroyed.

**Chart temporarily affected – Aus 181**

**991(T)/2011 AUSTRALIA - VICTORIA - Port Campbell - Lights unlit**
*Date* - Until 18 October 2011
Victorian Notice 113(T)/2011 (AA556905)

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

**Chart temporarily affected – Aus 141**

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

As a result of shoaling, exclusion zones exists in the areas bounded by the following positions:
38° 17'.50 S 144° 39'.08 E
38° 17'.50 S 144° 39'.45 E
38° 17'.56 S 144° 39'.45 E
38° 17'.55 S 144° 39'.08 E,
and
38° 17'.65 S 144° 41'.13 E
38° 17'.88 S 144° 42'.27 E
38° 17'.90 S 144° 42'.27 E
38° 17'.67 S 144° 41'.13 E,
and
38° 17'.99 S 144° 42'.65 E
38° 18'.01 S 144° 42'.72 E
38° 18'.02 S 144° 42'.72 E
38° 18'.00 S 144° 42'.65 E,
and
38° 17'.80 S 144° 42'.85 E
38° 18'.14 S 144° 44'.52 E
38° 18'.17 S 144° 44'.51 E
38° 17'.83 S 144° 42'.84 E,
and
38° 18'.18 S 144° 45'.07 E
38° 18'.37 S 144° 46'.35 E
38° 18'.38 S 144° 46'.35 E
38° 18'.19 S 144° 45'.07 E.

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

**76(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Scientific instruments**
Victorian Notice 156(T)/2011 (AA575139)

Special light buoys, *Fl.Y.2s,* exist in positions 38° 20'.15 S 144° 52'.78 E and 38° 20'.12 S 144° 54'.54 E.

**Chart temporarily affected – Aus 143 – Aus 158**

**78(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Harbour works**
*Date* - Until 30 April 2012
Victorian Notice 2/2012 (AA574924)

Harbour works associated with the construction of a new floating function centre and wave attenuator are in progress in the vicinity of position 38° 08'.48 S 144° 21'.60 E.

A barge is onsite and all hazards to navigation will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 153 – Aus 157**

**79(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light buoy established**
*Date* - Until 31 March 2012
Victorian Notice 3(T)/2012 (AA575740)

A special conical light buoy, *Fl.Y.5s,* exists in position 38° 06'.23 S 144° 22'.76 E.

**Chart temporarily affected – Aus 153 – Aus 157**

**82(T)/2012 AUSTRALIA - VICTORIA - Port Albert - Shoaling**
*Former Notice* - 800(T)/2009 is cancelled

Victorian Notice 157(T)/2011 (AA575145)

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

Mariners are advised to navigate with caution in the area.

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

**131(T)/2012 AUSTRALIA - VICTORIA - Anderson Inlet - Shoaling**
*Former Notice* - 1300(T)/2009 is cancelled
Victorian Notice 8(T)/2012 (AA577182)

Shoaling exists in the outer entrance channel of the Anderson Inlet entrance bar (38° 39'.0 S 145° 43'.0 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 801**

**132(T)/2012 AUSTRALIA - VICTORIA - Port Albert - Light unlit**
Victorian Notice 11(T)/2012 (AA578170)

The light, *Oc.3s 12m 11M* (38° 43'.62 S 146° 39'.00E (WGS84 datum)), is unlit.

**Chart temporarily affected – Aus 181 – Aus 357**

**174(T)/2012 AUSTRALIA - VICTORIA - Corner Inlet - Franklin Channel - Mooring buoy**
*Former Notice* - 81(T)/2012 is cancelled
Victorian Notice 27(T)/2012 (AA581936)

Lit mooring buoy, *Fl.Y.5s,* exists in position 38° 45'.64S 146° 24'.55E (WGS84 datum).

**Chart temporarily affected - Aus 181**

**270(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Nelson Pier - Harbour works**
*Date* - Until 31 July 2012
Victorian Notice 38(T)/2012 (AA586508)

Harbour works associated with the construction of a new dolphin are in progress at Nelson Pier.

The dolphin will be established in position 37° 51'.64 S 144° 54'.77 E and the *F* light (37° 51'.64 S 144° 54'.77 E) will be moved to this position.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**271(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Shoaling**
Victorian Notice 52(T)/2012 (AA587715)

Shoaling with a least depth of *-0.5m* exists at St Kilda Pier in position 37° 51'.87 S 144° 58'.07 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 155**

**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**

**366(T)/2012 AUSTRALIA - VICTORIA - Western Port - Hastings - Harbour works**

*Date* - Until 1 July 2012
Victorian Notice 68(T)/2012 (AA591108)

Harbour works associated with the demolition and reconstruction of the jetty, removal of the decommissioned slipway and installation of a new pontoon are in progress in position 38° 18'.49 S 145° 11'.95 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 151 - Aus 152**

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

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

**Chart temporarily affected – Aus 181**

**572(T)/2012 AUSTRALIA - VICTORIA - Otway Basin - Drilling operations**
*Former Notice* - 212(T)/2012 is cancelled
Origin Energy (AA600494)

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

The vessel will display AIS and Racon (D).

Mariners are advised to navigate with caution in the area.

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

**579(T)/2012 AUSTRALIA - VICTORIA - 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:

| *Position* | *Remarks* |
|---|---|
| 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, *Fl.Y.7s,* 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, *Fl.Y.7s,* 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, *Fl.Y.7s,* 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, *Fl.Y.7s,* 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, *Fl.Y.7s,* with topmark |
| 37° 57'.81 S 144° 42'.82 E | special conical buoy, without topmark. |

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

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

**826(T)/2012 AUSTRALIA - VICTORIA - Cape Duquesne to Port Campbell - Scientific instruments**
*Former Notice* - 128(T)/2011 is cancelled

*Date* - Until 31 January 2013
Cardno (AA617026)

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

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

**871(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Altona - Dredging operations**
*Date* - Until 3 October 2012
Victorian Notice 116(T)/2012 (AA619858)

Dredging operations are in progress in the vicinity of position 37° 52'.01 S 144° 50'.98 E.

The dredge material will be deposited for beach renourishment to the foreshore area 500m northeast of the harbour.

All hazards to navigation will be marked by flashing yellow lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 155**

**872(T)/2012 AUSTRALIA - VICTORIA - Western Port - Stony Point - Dredging operations**
*Date* - Until 30 September 2012
Victorian Notice 117(T)/2012 (AA619877)

Dredging operations are in progress between positions 38° 22'.48 S 145° 13'.55 E and 38° 22'.47 S 145° 13'.36 E.

A floating pipeline exists from the dredge to the shore and will be marked by orange buoys.

All hazards to navigation will be marked by flashing yellow lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 152**

**924(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Shoaling**
Victorian Notice 118(T)/2012 (AA622014)

Shoaling, with a least depth *0.5m,* exists within the entrance to Patterson River (38° 04'.41 S 145° 07'.17 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 143**

**963(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling**
Victorian Notice 123(T)/2012 (AA624672)

A virtual AIS with identification message TB1 exist in position 38° 18'.11 S 144° 44'.01 E.

Shoaling with a least depth of *15.3m* exists in the vicinity and deep draught vessels should pass to the south of the position.

Mariners are advised to navigate with caution in the area.

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

**964(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Williamstown Channel - Obstruction**
Victorian Notice 121(T)/2012 (AA624662)

An obstruction, least depth *14.7m,* exists in position 37° 52'.18 S 144° 55'.44 E.

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

**965(T)/2012 AUSTRALIA - VICTORIA - Western Port - Tooradin - Dredging operations**
*Date* - Until 26 October 2012
Victorian Notice 125(T)/2012 (AA624723)

Dredging operations are in progress at the boat ramp (38° 12'.81 S 145° 22'.75 E).

A floating pipeline exists from the dredge to position 38° 13'.83 S 145° 22'.70 E where the spoil will be deposited. The pipeline is marked by white floats.

All hazards to navigation will be marked by flashing lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 151**

## 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**

**529(T)/2010 AUSTRALIA - TASMANIA - Frederick Henry Bay - Whale Rock - Light beacon destroyed**
Marine and Safety Tasmania M56/2010 (AA468779)

The isolated danger light beacon (42° 52'.77 S 147° 35'.88 E) has been destroyed.

Mariners are advised to navigate with caution in the area.

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

**946(T)/2011 AUSTRALIA - TASMANIA - Hobart - Prince of Wales Bay - Harbour works**
*Date* - Until 30 June 2012
Marine and Safety Tasmania Notice M117/2011 (AA554803)

Harbour works associated with the construction of a new marina are in progress in an area bounded by the coast and special light buoys in the following positions:
42° 49'.75 S 147° 18'.15 E
42° 49'.68 S 147° 18'.12 E
42° 49'.63 S 147° 18'.14 E
42° 49'.57 S 147° 18'.22 E.

The barge will display appropriate lights and anchors deployed by the barge will be marked by orange light buoys.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 172**

**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'.29 S 147° 31'.42 E
42° 48'.25 S 147° 29'.48 E
42° 48'.25 S 147° 29'.91 E
42° 48'.07 S 147° 29'.69 E
42° 48'.07 S 147° 30'.13 E
42° 47'.87 S 147° 29'.80 E
42° 48'.41 S 147° 33'.19 E
42° 48'.25 S 147° 29'.27 E
42° 48'.25 S 147° 29'.69 E
42° 48'.25 S 147° 30'.13 E
42° 48'.07 S 147° 29'.91 E
42° 47'.99 S 147° 28'.66 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**

**73(T)/2012 AUSTRALIA - TASMANIA - Second Lookout Point - Scientific instrument**
*Date* - Until 19 December 2012
Marine and Safety Tasmania Notice M155/2011 (AA572764)

A special light buoy, *Iso.Y.2s,* exists in position 43° 36'.05 S 146° 57'.87 E.

**Chart temporarily affected – Aus 173 – Aus 794 – Aus 795**

**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**

**170(T)/2012 AUSTRALIA - TASMANIA - Bell Bay - Harbour works**
*Date* - Until 31 December 2012
Marine and Safety Tasmania Notice M16/2012 (AA581306)

Works associated with the remediation of existing dolphins and construction of a new dolphin are in progress in the vicinity of position 41° 08'·00 S 146° 52'·26 E.

**Chart temporarily affected - Aus 167**

**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)**

**419(T)/2012 AUSTRALIA - TASMANIA - Southport to Norfolk Bay - Scientific instruments**
*Date* - Until 16 October 2012
Marine and Safety Tasmania Notice 44/2012 (AA593987)

Scientific instruments marked by special conical buoys exist in the following positions:
43° 26'.29 S 147° 00'.33 E
43° 17'.27 S 147° 08'.35 E
43° 19'.62 S 147° 09'.90 E
43° 19'.28 S 147° 12'.98 E
43° 15'.30 S 147° 17'.26 E
42° 54'.00 S 147° 44'.49 E.

**Chart temporarily affected - Aus 171 - Aus 173 - Aus 174 - Aus 795 - Aus 796**

**476(T)/2012 AUSTRALIA - TASMANIA - D'entrecasteaux Channel - Marine farm**
*Date* - Until 30 May 2012
Marine and Safety Tasmania Notice 46/2012 (AA596685)

Mariners are advised the marine farm has extended it's boundaries as follows:
43° 20'.65 S 147° 07'.75 E
43° 21'.20 S 147° 07'.17 E
43° 21'.56 S 147° 07'.69 E
43° 21'.08 S 147° 08'.18 E.

**Chart temporarily affected – Aus 173**

**526(T)/2012 AUSTRALIA - TASMANIA - River Derwent - Tranmere Point - Scientific instrument**
*Date* - Until 5 November 2012
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 | *Iso.4s* |
| 42° 58'.2 S 147° 34'.0 E | *Oc.3s.* |

**Chart temporarily affected – Aus 171 – Aus 796**

**770(T)/2012 AUSTRALIA - TASMANIA - River Derwent - Store Point - Scientific instrument**
*Date* - Until 19 August 2012
Marine and Safety Tasmania Notice M67/2012 (AA613256)

A subsurface scientific instrument, marked by a red light buoy *Q.Y,* exist in position, 42° 49'.66 S 147° 18'.93 E.

**Chart temporarily affected – Aus 172**

**962(T)/2012 AUSTRALIA - TASMANIA - Sullivans Cove - Harbour works**
*Date* - Until 16 October 2012
Marine and Safety Tasmania Notice M86/2012 (AA625343)

Works associated with the installation of a public berthing facility are in progress in position 42° 53'.02 S 147° 19'.99 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 172**

## PAPUA NEW GUINEA and SOUTH PACIFIC

**967(P)/2005 PAPUA NEW GUINEA - Madang - Horizontal datum anomaly.**
AHO (A170008).

A topographic anomaly of between 50 and 80 metres may exist on chart Aus 646 in an E direction.

Mariners using ENC/RNC are advised to navigate with caution when approaching Madang.

A verification survey will be undertaken shortly.

**Chart which will be affected - Aus 646.**

**404(T)/2008 PAPUA NEW GUINEA - Port Moresby - Fish aggregation device southwards**
*Former Notice* - 665(T)/2006 is cancelled
Department of Transport and Civil Aviation PNG Notice 8/2004 (AA84295)

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

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

**66(T)/2011 PAPUA NEW GUINEA - Caution Bay - Harbour works**
*Date* - Until 31 January 2013
National Maritime Safety Authority PNG Notice 46/2010 (AA511164)

Works associated with the construction of a jetty are in progress within an area bounded by the following positions:
9° 20'·01 S 146° 58'·80 E
9° 21'·27 S 146° 59'·22 E
9° 21'·21 S 146° 59'·84 E
9° 20'·58 S 146° 59'·61 E
9° 20'·50 S 147° 00'·43 E
9° 19'·97 S 147° 00'·23 E.

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

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 379**

**283(T)/2011 AUSTRALIA - South Fiji - Light buoy withdrawn**
*Former Notice* - 134(T)/2011 is cancelled
Australian Bureau of Meteorology (AA521187)

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

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

**709(P)/2011 PAPUA NEW GUINEA - Eastern Fields - Reef delineation**
*Date* - On or about 15 July 2011
LADS Flight (AA543779)

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

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

**983(T)/2011 PAPUA NEW GUINEA - Gulf of Papua - Racon**
National Maritime Safety Authority PNG Notice 36/2011 (AA557392)

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

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

**1286(T)/2011 PAPUA NEW GUINEA - Bougainville Island - Lights unlit**
*Former Notice* - 1159(T)/2011 is cancelled
National Maritime Safety Authority PNG Notices 22/2011, 46/2011, 52/2011 (AA535709, AA565338, AA569723)

The following lights are unlit:

| *Location* | *Position* |
|---|---|
| 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**
National Maritime Safety Authority PNG Notice 25(T)/2012 (AA600496)

Stranded wrecks exist in the following positions
5° 26'.8 S 154° 39'.4 E
5° 26'.9 S 154° 39'.0 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 684**

**609(P)/2012 PAPUA NEW GUINEA - Caution Bay - Navaids to be established**
*Date* - On or about 1 November 2012
ExxonMobil Australia (AA604216, AA604217)

Light beacons and light buoys will be established as follows:

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

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

**669(T)/2012 AUSTRALIA - CORAL SEA - Light buoy recovered**
*Former Notice* - 622(T)/2012 is cancelled
*Date* - Until 31 October 2012
Bureau of Meteorology (AA607148)

The light buoy, *Fl.Y.2s,* (14° 47'.8 S 153° 34'.7 E) has been temporarily withdrawn.

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

**752(T)/2012 PAPUA NEW GUINEA - Oro Bay - Light unlit**
National Maritime Safety Authority PNG Notice 31(T)/2012 (AA613498)

The light, *Fl.10s 134m 18M* (8° 54'.25 S 148° 28'.25 E), is unlit.

**Chart temporarily affected – Aus 521 – Aus 644 – Aus 4620 (INT 620) – Aus 4621 (INT 621) – AX 04620U – AX 04621U**

**753(T)/2012 PAPUA NEW GUINEA - Cape Bredow - Light beacon unlit**
National Maritime Safety Authority PNG Notice 29(T)/2012 (AA613498)

The light beacon, *Fl(4)15s 7m 5M* (6° 32'.78 S 147° 50'.93 E), is unlit.

**Chart temporarily affected – Aus 386 – Aus 523 – Aus 653**

**754(T)/2012 PAPUA NEW GUINEA - Fortification Point - Light unlit**
National Maritime Safety Authority PNG Notice 30(T)/2012 (AA613498)

The light, *Fl(2)8s 26m 10M* (6° 19'.07 S 147° 48'.26 E), is unlit.

**Chart temporarily affected – Aus 386 – Aus 387 – Aus 4622 (INT 622)**

**873(T)/2012 PACIFIC OCEAN - Scientific instruments**
*Former Notice* - 829(T)/2012 is cancelled
JAMSTEC (AA620015, AA620016)

Scientific instruments, Triton buoys, exist as follows:

| *Number* | *Position* |
|---|---|
| 4 | 0° 00'.97 S 156° 02'.50 E |
| 5 | 2° 01'.03 S 155° 57'.52 E |
| 6 | 5° 02'.01 S 156° 01'.54 E |
| 9 | 0° 03'.54 S 147° 00'.68 E. |

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

**903(T)/2012 PAPUA NEW GUINEA - Dana Gedu Reef - Light beacon unlit**
National Maritime Safety Authority PNG Notice 34(T)/2012 (AA621721)

The light beacon, *Oc.R.4s 5m 4M* (10° 18'.75 S 150° 51'.66 E), is unlit.

**Chart temporarily affected – Aus 508 – Aus 628**

**904(T)/2012 PAPUA NEW GUINEA - Lae - Dredging operations**
*Date* - Until 31 January 2014
PNG Ports Corporation Ltd (AA622596 - AA622602)

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

| *Position* | *Remarks* |
|---|---|
| 6° 43'.81 S 146° 58'.15 E | |
| 6° 43'.57 S 146° 58'.83 E | |
| 6° 44'.21 S 146° 58'.84 E | |
| 6° 44'.24 S 146° 58'.92 E | |
| 6° 44'.53 S 146° 58'.86 E | special pillar light buoy, *Q.Y* |
| 6° 44'.83 S 146° 59'.06 E | special pillar light buoy, *Q.Y* |
| 6° 44'.83 S 146° 58'.51 E | special pillar light buoy, *Q.Y* |
| 6° 44'.35 S 146° 58'.56 E. | |

An exclusion zone exists within this area.

A lit floating pipeline exists between positions 6° 44'.54 S 146° 58'.84 E and 6° 44'.22 S 146° 58'.69 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 643**

## EAST TIMOR

NIL

## MISCELLANEOUS

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

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

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