

TEMPORARY AND PRELIMINARY NOTICES
In force on 10 February 2012

NEW SOUTH WALES

317(T)/2006 AUSTRALIA - NEW SOUTH WALES - Batemans Bay - Shoaling; buoy.
Maritime Authority NSW (A187776, A187777)

Shoaling, marked by a special spar buoy, exists inside and to the east of the entrance of the marina, in vicinity of 35° 42'.88 S 150° 11'.39 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 191.

1113(T)/2009 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Harbour works

Date - Until 31 March 2011

NSW Maritime Notice SU0807 (AA430317)

Works associated with the expansion of the container terminal at Brotherson Dock are in progress north of a line between positions 33° 58'.43 S 151° 11'.66 E and 33° 58'.19 S 151° 12'.47 E, marked by a silt curtain and special light buoys.

A designated gate marked by port and starboard lateral buoys exist at the western end of the silt curtain.

Access to Penrhyn boat ramp is via 30m wide navigation channel through the works area, marked by special light buoys.

A maximum speed limit of 8 knots applies to all vessels and wash kept to minimum. Anchoring of and drifting by recreational vessels is prohibited. Vessel operators must not enter the works area from the temporary navigation channel and vessels must keep well clear of any service craft, equipment and the actual construction area.

Scientific instruments marked by special light buoys exist in the following positions:

33° 58'.60 S 151° 11'.15 E

33° 57'.82 S 151° 10'.30 E

33° 58'.38 S 151° 11'.88 E

33° 58'.35 S 151° 12'.15 E

33° 57'.25 S 151° 11'.55 E

33° 57'.37 S 151° 11'.63 E

33° 57'.45 S 151° 11'.82 E

For further information visit www.maritime.nsw.gov.au.

Chart temporarily affected – Aus 198 – Aus 199

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

201(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Harbour works; dredging operations

Date - Until 31 January 2012

Newcastle Port Corporation (AA517200)

Works associated with the construction of berth K7 are in progress (32° 53'.17 S 151° 45'.73 E).

Dredging operations are in progress between 32° 53'.15 S 151° 45'.33 E and 32° 53'.42 S 151° 45'.85 E.

Chart temporarily affected - Aus 207 - Aus 208

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**514(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depth information***Former Notice - 157(T)/2011 is cancelled*

Port Kembla Port Corporation Notice 3/2011 (AA533657)

Available depths as at 13 May 2011:

| <i>Berth</i> | <i>Metres</i> | <i>Remarks</i> |
|------------------|---------------|--|
| Inner Harbour | 15.1 | |
| North West Basin | 11.2 | |
| 101 | 11.3 | |
| 102 | 15.7 | |
| 103 | 11.7 | |
| 104 | 15.3 | |
| 105 | 15.2 | (14.8 for vessels overhanging) |
| 106 | 13.7 | |
| 107 | 12.1 | |
| 108 | - | Future Development |
| 109 | 11.8 | |
| 110 | 10.7 | (9.0) |
| 111 | 15.4 | |
| 112 | 12.8 | |
| * 113 | 11.0 | west of chainage 5m |
| | 10.5 | east of 5m chainage to eastern end of berthing box |
| 201 | 10.3 | To 250m |
| 201 | 9.3 | To 280m |
| 201 | 9.0 | To 350m |
| 202 | 10.5 | |
| 202 | 10.4 | |
| 202 | 10.2 | |
| 203 | 10.1 | |
| 204 | 4.2 | |
| 205 | 6.8 | |
| 206 | 11.1 | |

* Indicates new or revised entry.

Chart temporarily affected - Aus 194**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 0808E - AX 0809E

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

808(T)/2011 AUSTRALIA - NEW SOUTH WALES - Wamberal - Scientific instrument

Date - Until 31 January 2012

Department of Finance and Services (AA549557, AA549558)

A special spherical light buoy, *Fl(5)Y.20s*, exists in position 33° 25'.93 S 151° 27'.12 E.

Chart temporarily affected – Aus 204

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

1141(P)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Infrastructure; nav aids

Former Notice - 515(T)/2011 is cancelled

Newcastle Port Corporation (AA562730, AA562731)

The new channel widening into Kooragang berths 8 and 9 has been completed. The channel is marked by the following nav aids:

| Position | Characteristic |
|------------------------------|----------------|
| 32° 52'.500 S 151° 44'.311 E | F.G 19m 13M |
| 32° 52'.228 S 151° 43'.831 E | F.G 33m 13M |
| 32° 52'.491 S 151° 44'.318 E | F.R 19m 13M |
| 32° 52'.219 S 151° 43'.838 E | F.R 33m 13M |
| 32° 53'.690 S 151° 46'.412 E | F.G 30m 13M |
| 32° 53'.869 S 151° 46'.728 E | F.G 38m 13M |
| 32° 53'.829 S 151° 46'.203 E | Fl.R.3s No8 |
| 32° 53'.698 S 151° 46'.132 E | Fl.R.3s No10 |
| 32° 53'.436 S 151° 45'.860 E | Fl.R.3s No12 |
| 32° 53'.273 S 151° 45'.573 E | Fl.R.3s No14 |
| 32° 53'.103 S 151° 45'.272 E | Fl.R.3s No16 |
| 32° 52'.965 S 151° 45'.120 E | Fl.R.3s No18. |

The light *Dir WRG* (32° 53'.77 S 151° 46'.41 E) has been discontinued.

A diagram showing the changes is attached. New editions of Aus 208 and ENC Cell AU5XX208 will be published shortly.

Chart which will be affected - Aus 207 - Aus 208

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

1317(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Hacking - Hungry Point to Gogerlys Point - Shoaling

NSW Maritime Notice SU1110/2011 (AA12869)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 198

1318(T)/2011 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Georges River - Taren Point - Harbour works

Date - Until 31 March 2012

NSW Maritime Notice SU1109/2011 (AA572351)

Maintenance works on Captain Cook Bridge are in progress (34° 00'.45 S 151° 07'.65 E).

Only the centre span of the bridge will remain open to vessels and the two spans closed to vessels will be marked by lights and shapes. Special light buoys exist 150m upstream and downstream of the affected spans of the bridge.

The barge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 198

46(T)/2012 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Shark Island - Wreck

Department of Defence, Sydney Ports Corporation (AA574742, AA574743)

A wreck, least depth 8m, exists in position 33° 51'.27 S 151 15'.49 E.

Chart temporarily affected – Aus 200 – Aus 201 – AX 6201F – AX 63200**110(T)/2012 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information**

Former Notice - 47(T)/2012 is cancelled

Newcastle Port Corporation (AA578691)

Available depths as at 23 January 2012:

| <i>Berth</i> | <i>Metres</i> |
|---|------------------------------------|
| Western Basin 3 | 11.3 |
| Western Basin 4 | 11.3 |
| Eastern Basin 1 | 11.3 |
| Eastern Basin 2 North of Ch 450 | 11.6 |
| Eastern Basin 2 South of Ch 450 | 11.2 |
| Channel Berth | 8.3 |
| Dyke 1 | 12.5 |
| Dyke 2 | 12.3 |
| Dyke 4 | 16.5 |
| Dyke 5 | 16.5 |
| Dyke 6 | 6.3 |
| Mayfield 4 Ch 27 to 266 | 12.2 |
| BHP Wharf 6 to Ch 1050 | 7.3 |
| Kooragang 2 | 11.3 |
| Kooragang 2 North Dolphin Ch 182 to 228 | 11.2 |
| Kooragang 2 South Dolphin Ch -92 to 00 | 11.2 |
| Kooragang 3 | 12.8 |
| Kooragang 4 | 16.5 |
| Kooragang 5 | 16.5 |
| * Kooragang 6 | 16.2 |
| Kooragang 7 | 16.1 |
| 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 |
| <i>Channels</i> | |
| Entrance Approach | 17.7 |
| Entrance Channel (18.0m) | 18.0 |
| Entrance Channel (17.4m) | 17.4 |
| Entrance Channel (16.8m) | 16.8 |
| Entrance Channel (16.2m) | 16.2 |
| Entrance Channel to Horseshoe | 15.2 |
| Horseshoe | 15.0 |
| Steelworks Channel to Swinging Basin | 15.0 |
| Swinging Basin | 15.0 |
| Hunter River South Arm (Kooragang 6 to buoy 16) | 15.2 |
| Hunter River South Arm (buoy 16 to buoy 18) | 14.9 |
| Basin Cutting | 12.8 |
| 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

1090(T)/2006 AUSTRALIA - QUEENSLAND - Brisbane River - Quarries Reach - Lights altered.
Maritime Safety Queensland Notice 625(T)/2006 (A209852).

The lights K2873.3 (27° 26'.59 S 153° 06'.65 S) and K2873.31 (27° 26'.48 S 153° 07'.15 E) are altered to *F.Bu* (*F.Y day*).

The lights K2873.5 (27° 26'.62 S 153° 06'.60 E) and K2873.51 (27° 26'.60 S 153° 06'.70 E) are altered to *F.R* (*F.Y day*).

Chart temporarily affected - Aus 238.

1244(T)/2006 AUSTRALIA - QUEENSLAND - Pioneer Bay - Airlie Beach - Harbour works; light buoys.
Former Notice - 1193(T)/2006 is cancelled
Maritime Safety Queensland Notice 745(T)/2006 (A216005).

Harbour works for marina construction, are in progress in Muddy Bay.

Special light buoys, *Fl.Y.5s*, marking a silt curtain, exist in positions:

20° 16'.028 S 148° 43'.455 E
20° 16'.028 S 148° 43'.512 E
20° 16'.027 S 148° 43'.568 E
20° 16'.027 S 148° 43'.625 E
20° 16'.026 S 148° 43'.683 E
20° 16'.100 S 148° 43'.685 E
20° 16'.173 S 148° 43'.688 E
20° 16'.247 S 148° 43'.690 E
20° 16'.320 S 148° 43'.692 E
20° 16'.394 S 148° 43'.695 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 268.

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

845(T)/2009 AUSTRALIA - QUEENSLAND - Black Island - Light beacon destroyed

Maritime Safety Queensland Notice 446(T)/2008 (AA417751, AA418222)

Special light beacon (20° 04'.56 S 148° 53'.58 S) has been destroyed; a special light buoy, *Fl.Y.2-5s*, exists in situ.

Mariners are advised to navigate with caution.

Chart temporarily affected - Aus 252 - Aus 254

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

1445(T)/2009 AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Boyne Cutting - Light beacon destroyed; light buoy established

Maritime Safety Queensland Notice 837(T)/2009 (AA445615)

S14 light beacon (23° 55'.90 S 151° 27'.42 E) has been destroyed; a port lateral light buoy, *Fl.R.4s*, has been established in situ.

Chart temporarily affected - Aus 246

66(T)/2010 AUSTRALIA - QUEENSLAND - Weipa - Albatross Bay - Obstruction

Maritime Safety Queensland Notice 860(T)/2009 (AA447000)

A lost anchor exists in anchorage A in position 12° 43'.5 S 141° 39'.0 E.

Chart temporarily affected - Aus 4

135(T)/2010 AUSTRALIA - QUEENSLAND - Mourilyan Harbour - Harbour works

Date - Until 27 August 2010

Maritime Safety Queensland Notice 51(T)/2010 (AA451605)

Harbour works associated with construction of a breakwater, boat ramp and floating walkway are in progress (17° 36'.05 S 146° 07'.50 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 258

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

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

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

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

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

381(T)/2010 AUSTRALIA - QUEENSLAND - Acacia Island - Light beacon destroyed

Former Notice - 322(T)/2010 is cancelled
Maritime Safety Queensland Notice 296(T)/2010 (AA463670)

The light beacon, *Fl.R.3s* (20° 52'.40 S 148° 55'.66 E), has been destroyed; a port lateral light buoy, *Fl.R.3s*, exists in situ.

Chart temporarily affected - Aus 251

389(T)/2010 AUSTRALIA - TORRES STRAIT - Stephens Islet - Wreck northwards

Former Notice - 1137(T)/2009 is cancelled
Australian Maritime Safety Authority (AA463913)

A wreck, *FV Poseidon*, exists in approximate position 9° 23'.4 S 143° 34'.4 E.

Mariners are advised to navigate with caution in the area.

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

445(T)/2010 AUSTRALIA - QUEENSLAND - Proserpine River - Light beacon destroyed; light beacon damaged

Maritime Safety Queensland Notice 327(T)/2010 (AA466604)

The starboard lateral light beacon, *Fl.G.3s* (20° 30'.62 S 148° 44'.03 E), has been destroyed; a light buoy exists in situ.

The starboard lateral light beacon, *Fl.G.3s* (20° 29'.88 S 148° 43'.52 E), has been damaged.

Chart temporarily affected - Aus 252 - Aus 824

621(T)/2010 AUSTRALIA - QUEENSLAND - Port Douglas - Depth information

Former Notice - 117(T)/2008 is cancelled
Maritime Safety Queensland Notice 459(T)/2010 (AA472386)

Available depths as at 19 March 2010:

| | <i>Metres</i> |
|--|---------------|
| * Outer Channel | 2.3 |
| * 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

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 30 June 2011

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

804(T)/2010 AUSTRALIA - QUEENSLAND - Colosseum Inlet - Obstruction

Maritime Safety Queensland Notice 610(T)/2010 (AA482348)

An obstruction exists in position 23° 57'.55 S 151° 26'.24 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 246 - Aus 819

929(T)/2010 AUSTRALIA - QUEENSLAND - Cooktown - Depth information

Former Notice - 876(T)/2008 is cancelled

Maritime Safety Queensland Notice 720(T)/2010 (AA490135)

Available depths as at 20 August 2010:

| | <i>Metres</i> |
|--------------------|---------------|
| * Entrance Channel | 1.7 |
| * Inner Channel | 2.1 |
| * Public Wharf | 2.6 |
| Swing Basin | 1.2 |

* Indicates new or revised entry.

Chart temporarily affected - Aus 270

971(T)/2010 AUSTRALIA - QUEENSLAND - Double Island - Scientific instrument

Former Notice - 726(T)/2009 is cancelled

Maritime Safety Queensland Notice 738(T)/2010 (AA491149)

Special light buoy, *Fl(5)Y.20s*, exist in position 16° 44'.06 S 145° 42'.60 E

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 830

1081(T)/2010 AUSTRALIA - QUEENSLAND - Gladys Inlet - Shoaling; light buoys repositioned

Former Notice - 1022(T)/2010 is cancelled

Maritime Safety Queensland Notices 802(T)/2010, 829(T)/2010 (AA494990, AA497025)

Shoaling exists in the entrance to Johnstone River (17° 30'.5 S 146° 04'.7 E).

The light buoys have been repositioned as follows:

| <i>Chartered position</i> | <i>Current position</i> |
|----------------------------|-----------------------------|
| 17° 30'.37 S 146° 04'.76 E | 17° 30'.40 S 146° 04'.86 E |
| 17° 30'.51 S 146° 04'.50 E | 17° 30'.44 S 146° 04'.44 E. |

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 258

1187(T)/2010 AUSTRALIA - QUEENSLAND - Schooner Rock - Light beacon destroyed; light buoy established

Former Notice - 319(T)/2010 is cancelled

Maritime Safety Queensland Notice 925(T)/2010 (AA500697)

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

Chart temporarily affected - Aus 251 - Aus 824

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, FI(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, FI.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, FI.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, FI.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

1395(T)/2010 AUSTRALIA - QUEENSLAND - Cape Cleveland - Scientific instrument

Former Notice - 134(T)/2010 is cancelled

Maritime Safety Queensland Notice 1061(T)/2010 (AA508933)

A special light buoy, *F(5)Y.20s*, exists in position 19° 09'.58 S 147° 03'.46 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected - Aus 256 - Aus 827

51(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 837(T)/2009 is cancelled

Maritime Safety Queensland Notice 1101(T)/2010 (AA511199)

Shoaling, with a least depth of 2.6m, exists in the North Channel between 27° 55'.86 S 153° 25'.30 E and 27° 55'.66 S 153° 25'.09 E.

Deeper water to 3.5m is found on the eastern side of the channel centre line.

Shoaling, with a least depth of 3.6m, exists in the South Channel between 27° 56'.20 S 153° 25'.49 E and 27° 56'.11 S 153° 26'.01 E.

Deeper water to 4.5m 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

60(T)/2011 AUSTRALIA - QUEENSLAND - Fitzroy River - Light buoys off station
Maritime Safety Queensland Notice 1089(T)/2010 (AA511745)

Nav aids in the Fitzroy River (23° 31'.0 S 150° 50'.0 E) may be off station due to flooding.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 247 – Aus 819

62(P)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Light beacons established

Date - On or about 14 January 2011

Maritime Safety Queensland Notice 1109/2010 (AA511360)

Light beacons exist as follows:

| <i>Positions</i> | <i>Remarks</i> |
|---------------------------|---|
| 20° 16'.06 S 148° 43'.63E | special light beacon with topmark, <i>Fl.Y.2.5s</i> , |
| 20° 16'.17 S 148° 43'.68E | light beacon with starboard lateral topmark, <i>Fl.R.2.5s</i> , |
| 20° 16'.16 S 148° 43'.64E | light beacon with starboard lateral topmark, <i>Fl.G.2.5s</i> , |
| 20° 16'.27 S 148° 43'.66E | light beacon with port lateral topmark, <i>Fl.R.2.5s</i> , |
| 20° 16'.22 S 148° 43'.62E | special light beacon with topmark, <i>Fl.Y.2.5s</i> , |
| 20° 16'.32 S 148° 43'.66E | light beacon with port lateral topmark, <i>Fl.R.2.5s</i> , |
| 20° 16'.32 S 148° 43'.60E | light beacon with starboard lateral topmark, <i>Fl.G.2.5s</i> , |
| 20° 16'.40 S 148° 43'.60E | light beacon with port lateral topmark, <i>Fl.R.2.5s</i> . |

Note: a block update will be applied in due course on receipt of survey data.

Chart which will be affected – Aus 252 – Aus 253 – Aus 268

113(T)/2011 AUSTRALIA - QUEENSLAND - Lisa Jane Shoals - Scientific instrument

Former Notice - 613(T)/2010 is cancelled

Maritime Safety Queensland Notice 53(T)/2011 (AA514094)

A special light buoy, *Fl(5)Y.20s*, exists in position 23° 18'.36 S 151° 04'.32 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 247 – Aus 819 – Aus 820

117(T)/2011 AUSTRALIA - QUEENSLAND - Karumba - Norman River - Light buoy withdrawn

Maritime Safety Queensland Notice 38(T)/2011 (AA514017)

The special light buoy, *Fl.Y.4s* (17° 29'.51 S 140° 49'.67 E), has been temporarily withdrawn.

Chart temporarily affected – Aus 6

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

165(T)/2011 AUSTRALIA - QUEENSLAND - Gloucester Passage - Light beacon damaged

Maritime Safety Queensland Notice 97(T)/2011 (AA515728)

The light beacon, *Q(9) 15s* (20° 03'.5 S 148° 26'.6 E), has been damaged.

Chart temporarily affected - Aus 268

206(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Scientific instrument

Former Notice - 673(T)/2010 is cancelled

Maritime Safety Queensland Notice 186(T)/2011 (AA518650)

A special light buoy, *Fl(5)Y.20s*, exists in position 23° 53'.78 S 151° 30'.22 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected - Aus 246

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

Former Notice - 1019(T)/2009 is cancelled
Maritime Safety Queensland Notice 182(T)/2011 (AA518652)

Available depths as at 23 February 2011:

| <i>Berth</i> | <i>Metres</i> |
|-------------------|---------------|
| Balacava 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

212(T)/2011 AUSTRALIA - QUEENSLAND - Bird Island to Groper Point - Nav aids

Former Notice - 1132(T)/2010 is cancelled
Maritime Safety Queensland Notices 254(T)/2010, 894(T)/2010, 147(T)/2011 (AA461978, AA498765, AA517390)

The south cardinal light beacon (20° 05'.76 S 148° 52'.59 E) has been destroyed; a south cardinal light buoy, Q(6)+LFl. 15s, exists in position 20° 05'.79 S 148° 52'.63 E.

The light beacon, Fl.G.4s (20° 04'.25 S 148° 53'.45 E), has been damaged.

The light beacon, Fl.G.2.5s (20° 04'.33 S 148° 53'.77 E), has been damaged.

The light buoy, Fl.G.6s (20° 03'.86 S 148° 54'.23 E), is off station.

Chart temporarily affected - Aus 252 - Aus 254 - Aus 825

221(T)/2011 AUSTRALIA - QUEENSLAND - South Barnard Islands - Light buoys off station

Maritime Safety Queensland Notice 143(T)/2011 (AA517194)

The special light buoys, Fl.Y.2.5s (17° 45'.40 S 146° 08'.93 E and 17° 45'.73 S 146° 09'.19 E), are off station.

Chart temporarily affected - Aus 258 - Aus 829

222(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Wreck

Maritime Safety Queensland Notice 146(T)/2011 (AA517387)

A dangerous wreck exists in position 16° 55'.40 S 145° 47'.18 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 263

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

267(T)/2011 AUSTRALIA - QUEENSLAND - Bowen - Light buoy off station

Former Notice - 213(T)/2011 is cancelled
Maritime Safety Queensland Notice 217(T)/2011 (AA520692)

The light buoy, Fl.R.4s (20° 02'.39 S 148° 15'.70 E), is off station

Chart temporarily affected – Aus 268

372(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Shoaling

Former Notice - 1252(T)/2010 is cancelled
Maritime Safety Queensland Notice 303(T)/2011 (AA526146)

Shoaling with a least depth of 2.0m exists within the entrance channel, 75m north of beacon No4 in the vicinity of 27° 11'.25 S 153° 06'.17 E. A least depth of 1.6m exists 10m from the toeline between beacon No6 and No8.

Shoaling with a least depth of 1.5m exists within the internal western channel, close to the marina berths in the vicinity of 27° 11'.64 S 153° 06'.28 E.

Shoaling with a least depth of 0.7m exists within the internal channel, approaching the eastern boat ramp.

The depth at the toe of the eastern boat ramp is dry and a least depth of 0.5m exists at the toe of the western boat ramp.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

373(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - North Banks - Scientific instruments

Former Notices - 128(T)/2010, 312(T)/2011 are cancelled
Maritime Safety Queensland Notice 295(T)/2011 (AA525823)

Special light buoys, *Fl(5)Y.20s*, exist in positions:

26° 53'.93 S 153° 16'.89 E

27° 00'.93 S 153° 15'.38 E.

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 235 - Aus 236

378(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Light beacon damaged

Maritime Safety Queensland Notice 277(T)/2011 (AA525895)

C11 light beacon, *Fl.G.4s* (16° 52'.14 S 145° 48'.53 E), has been damaged.

Chart temporarily affected - Aus 262 - AX 63262

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

519(T)/2011 AUSTRALIA - QUEENSLAND - Burnett River - Dredging operations; pipeline

Maritime Safety Queensland Notice 448(T)/2011 (AA534723)

A pipeline is being laid between positions 24° 46'.20 S 152° 22'.90 E and 24° 46'.24 S 152° 22'.81 E. The western end of the pipeline will be marked by special light buoys *Fl. Y.*

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

24° 46'.40 S 152° 22'.75 E
24° 46'.19 S 152° 22'.70 E
24° 46'.07 S 152° 22'.73 E
24° 46'.13 S 152° 22'.80 E
24° 46'.40 S 152° 22'.84 E

The dredge will display appropriate lights and shapes and will monitor VHF Ch 16 and UHF Ch 25.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

522(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone Harbour - Hamilton Point - Harbour works northwestwards

Date - Until 30 June 2011

Maritime Safety Queensland Notice 444(T)/2011 (AA534374)

Construction of a barge ramp (23° 47'.39 S 151° 12'.66 E) is in progress.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 245

566(T)/2011 AUSTRALIA - QUEENSLAND - Lucinda - Exclusion zone

Former Notice - 320(T)/2011 is cancelled

Maritime Safety Queensland Notice 495(T)/2011 (AA537225)

A 200m exclusion zone exists around the Bulk Sugar Terminal (18° 31'.25 S 146° 23'.17 E); including the mooring dolphins. A 100m exclusion zone exists around either side of the trestle leading to the wharf from the mainland.

Chart temporarily affected - Aus 259 - Aus 267

609(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone –Clinton Channel - Light buoys

Maritime Safety Queensland Notice 519(T)/2011 (AA539248)

Special light buoys, *Fl.Y.2.5s*, exist in positions 23° 49'.25 S 151° 14'.37 E and 23° 49'.60 S 151° 14'.95 E.

Chart temporarily affected – Aus 244 – Aus 245

610(T)/2011 AUSTRALIA - QUEENSLAND - Hamilton Point to Friend Point - Dredging operations

Date - Until 15 December 2011

Maritime Safety Queensland Notice 517(T)/2011 (AA539251)

Dredging operations are being conducted in an area bounded by the following positions:

23° 45'.10 S 151° 10'.65 E
23° 45'.10 S 151° 10'.15 E
23° 47'.50 S 151° 11'.60 E
23° 47'.83 S 151° 12'.46 E
23° 47'.95 S 151° 13'.30 E.

A 50m exclusion zone exists around all dredging plants.

Dredge spoil will be deposited at East Bank spoil ground (23° 52'.55 S 151° 28'.50 E).

The dredges will monitor VHF Ch 13 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 245 – Aus 246

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

Former Notice - 465(T)/2011 is cancelled

Date - Until 21 July 2011

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

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

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

Nav aids exist as follows:

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

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

Mariners should navigate with caution in the area.

Chart temporarily affected – Aus 236

651(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Obstruction

Date - Until 26 August 2011

Maritime Safety Queensland Notice 542(T)/2011 (AA539769)

Anchorage N5 (23° 49'.2 S 151° 29'.0 E) is closed due to a lost anchor.

Chart temporarily affected – Aus 819

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

662(T)/2011 AUSTRALIA - QUEENSLAND - Albatross Bay - Scientific instrument

Former Notice - 729(T)/2009 is cancelled

Maritime Safety Queensland Notice 576(T)/2011 (AA541254)

A special light buoy, *Fl(5)Y.20s*, exists in position 12° 41'.29 S 141° 41'.07 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 4 – Aus 701

702(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Hamilton Point to Friend Point - Light buoys

Former Notice - 654(T)/2011 is cancelled

Maritime Safety Queensland Notice 609(T)/2011 (AA543879)

Light buoys exist in the following positions:

| <i>Number</i> | <i>Position</i> | <i>Characteristic</i> |
|---------------|----------------------------|-----------------------|
| PIC1 | 23° 47'.28 S 151° 12'.25 E | <i>Fl.G.2.5s</i> |
| PIC2 | 23° 47'.59 S 151° 12'.41 E | <i>Fl.R.2.5s</i> |
| PIC3 | 23° 47'.16 S 151° 12'.11 E | <i>Fl.G.2.5s</i> |
| PIC4 | 23° 47'.37 S 151° 12'.18 E | <i>Fl.R.2.5s</i> |
| PIC5 | 23° 46'.95 S 151° 11'.98 E | <i>Fl.G.2.5s</i> |
| PIC6 | 23° 47'.11 S 151° 11'.85 E | <i>Fl.R.2.5s</i> |
| PIC7 | 23° 46'.85 S 151° 11'.79 E | <i>Fl.Y.2.5s</i> |
| PIC8 | 23° 46'.86 S 151° 11'.53 E | <i>Fl.R.2.5s</i> |
| PIC9 | 23° 46'.76 S 151° 11'.64 E | <i>Fl.G.2.5s</i> |
| PIC10 | 23° 46'.61 S 151° 11'.25 E | <i>Fl.R.2.5s</i> |
| PIC11 | 23° 46'.52 S 151° 11'.42 E | <i>Fl.G.2.5s</i> |
| PIC12 | 23° 46'.28 S 151° 11'.06 E | <i>Fl.R.2.5s</i> |
| PIC13 | 23° 46'.21 S 151° 11'.19 E | <i>Fl.G.2.5s</i> |
| PIC14 | 23° 46'.05 S 151° 10'.91 E | <i>Fl.R.2.5s</i> |
| PIC15 | 23° 45'.95 S 151° 11'.11 E | <i>Fl.G.2.5s</i> |
| PIC16 | 23° 45'.73 S 151° 10'.69 E | <i>Fl.R.2.5s</i> |
| PIC17 | 23° 45'.68 S 151° 10'.91 E | <i>Fl.G.2.5s</i> |
| PIC18 | 23° 45'.44 S 151° 10'.50 E | <i>Fl.R.2.5s</i> |
| PIC19 | 23° 45'.40 S 151° 10'.65 E | <i>Fl.Y.2.5s</i> |
| PIC20 | 23° 45'.09 S 151° 10'.29 E | <i>Fl.Y.2.5s</i> |
| PIC21 | 23° 45'.18 S 151° 10'.49 E | <i>Fl.G.2.5s</i> |

Chart temporarily affected – 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

812(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Outer Bar Reach - Light buoy repositioned

Maritime Safety Queensland Notice 724(T)/2011 (AA548558)

No20 port lateral light buoy (27° 21'.32 S 153° 10'.75 E) has been repositioned to 27° 21'.42 S 153° 10'.68 E.

Chart temporarily affected – Aus 237

819(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Shoaling

Maritime Safety Queensland Notice 704(T)/2011 (AA547516)

Shoaling exists in an area south of berth 1 in an area bounded by the following positions:

21° 15'.89 S 149° 18'.85 E
21° 16'.30 S 149° 19'.40 E
21° 16'.40 S 149° 19'.09 E
21° 15'.95 S 149° 18'.80 E
21° 15'.90 S 149° 18'.79 E.

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

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

Former Notice - 766(T)/2011 is cancelled
Maritime Safety Queensland Notice 702(T)/2011 (AA547518)

Available depths as at 29 July 2011:

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

* Indicates revised entry.

Chart temporarily affected – Aus 258

871(T)/2011 AUSTRALIA - QUEENSLAND - Arkwright Point - Scientific instrument

Former Notice - 110(T)/2011 is cancelled
Maritime Safety Queensland Notice 53(T)/2011 (AA514094)

A special light buoy, *Fl(5)Y.20s*, exists in position 26° 33'.81 S 153° 10'.96 E.

Mariners are not to use the buoy as a mooring.

Chart temporarily affected - Aus815

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

916(T)/2011 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Elimbah Creek - Beacon destroyed
Maritime Safety Queensland Notice 811(T)/2011 (AA553624)

The special beacon (27° 01'.20 S 153° 05'.55E) has been destroyed; a special light buoy, *Fl. Y.3s*, exists in situ.

Chart temporarily affected - Aus 235 - Aus 236

918(T)/2011 AUSTRALIA - QUEENSLAND - Gneering Shoals - Obstruction
Former Notice - 870(T)/2011 is cancelled
Maritime Safety Queensland Notices 783(T)/2011; 828/2011 (AA551902, AA553382)

A lost anchor and cable exists in position 26° 39'.56 S 153° 16'.53 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235 - Aus 815

919(P)/2011 AUSTRALIA - QUEENSLAND - Burnett River - Nav aids; shoaling
Former Notice - 520(P)/2011 is cancelled
Maritime Safety Queensland Notice 208(T)/2011, 435(T)/2011 (AA520626, AA533810, AA554621, AA554622, AA554633)

Port lateral light buoys, *Fl.R.4s*, exist in situ for light beacons as follows:

| No | Position |
|----|-----------------------------|
| 16 | 24° 45'.36 S 152° 23'.77 E |
| 18 | 24° 45'.53 S 152° 23'.28 E |
| 20 | 24° 45'.76 S 152° 23'.00 E |
| 22 | 24° 45'.84 S 152° 22'.94 E. |

Starboard lateral light buoys, *Fl.G.4*, exist in situ for light beacons as follows:

| No | Position |
|----|-----------------------------|
| 19 | 24° 45'.61 S 152° 23'.05 E |
| 23 | 24° 45'.82 S 152° 22'.83 E. |

No27, 29 and 31 special light buoys have been temporarily withdrawn. Special light buoys, *Fl. Y.2-5s*, exist in the following positions:

| |
|-----------------------------|
| 24° 46'.36 S 152° 22'.85 E |
| 24° 46'.25 S 152° 22'.81 E |
| 24° 46'.15 S 152° 22'.77 E |
| 24° 46'.12 S 152° 22'.73 E |
| 24° 46'.04 S 152° 22'.74 E |
| 24° 45'.97 S 152° 22'.76 E. |

The starboard lateral light beacon No37, (24° 47'.88 S 152° 22'.28 E), has been altered to a port lateral light beacon, *Fl.R.2.5s*.

The starboard lateral light beacon No41, (24° 49'.32 S 152° 22'.22 E), has been altered to a port lateral light beacon, *Fl.R.6s*.

Buoy No32 (24° 49'.40 S 152° 22'.20 E) has been withdrawn.

Two starboard lateral light buoys have been established in the following positions

| Position | Light characteristic |
|----------------------------|----------------------|
| 24° 49'.22 S 152° 22'.18 E | <i>Fl.G.3s</i> |
| 24° 48'.78 S 152° 21'.70 E | <i>Fl.G.5s.</i> |

All other buoys and beacons now have relevant day marks and lights affixed, nav aids will be renumbered shortly.

Shoaling with a least depth of *0.5m* exists in the vicinity of light beacon No41 (24° 49'.32 S 152° 22'.21 E).

Shoaling, with a least depth of *0.2m*, exists in the vicinity of 24° 46'.55 S 152° 22'.90 E.

Note: a new edition of Aus 242 is in production.

Chart which will be affected - Aus 242

920(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point to Grahams Creek - Dredging operations
Former Notice - 523(T)/2011 is cancelled
Maritime Safety Queensland Notice 846(T)/2011 (AA554339)

Dredges and support vessels are conducting dredging operations between Barney Point (23° 50'.0 S 151° 16'.5 E) and

Grahams Creek (23° 44'.5 S 151° 10'.0 E).

A 50m exclusion zone exists around all dredges associated with the operations.

All vessels will display appropriate lights and shapes 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 - Aus 819

924(T)/2011 AUSTRALIA - QUEENSLAND - Dudgeon Point - Scientific instruments

Date - Until 29 February 2012

Maritime Safety Queensland Notice 799(T)/2011 (AA552293)

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

21° 14'.35 S 149° 16'.01 E

21° 14'.15 S 149° 17'.53 E

21° 11'.39 S 149° 15'.23 E.

Chart temporarily affected - Aus 249 - Aus 250 - Aus 823 - AX 0249E – AX 0823E

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

1021(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works; light buoys

Former Notice - 1123(T)/2010 is cancelled

Date - Until 31 December 2013

Maritime Safety Queensland Notices 905(T)/2011, 922(T)/2011, 934(T)/2011 (AA557690, AA559085, AA559073)

Works associated with the construction of berth 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 special light buoy, *Fl. Y.2-5s* (27° 21'.14 S 153° 10'.87 E), and No22 light buoy (27° 21'.54 S 153° 10'.60 E) which been altered to a special light buoy, *Fl. Y.2-5s*.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237

1024(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Dredging operations

Date - Until 29 February 2012

Maritime Safety Queensland Notice 919(T)/2011 (AA559121)

The dredge *Ruby* is conducting dredging operations in the waterways and marina (27° 11'.5 S 153° 06'.0 E).

The dredge will display appropriate lights and shapes. It will monitor VHF Ch 16 and can be contacted on 0418 451 183.

Deep draft vessels are advised to contact the dredge before passing.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

1027(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Depth information

Former Notice - 820(T)/2011 is cancelled

Maritime Safety Queensland Notice 894(T)/2011 (AA557518)

The available depth for the navigation channel in Hay Point tug harbour is 5.3m.

Lesser depths exist close to the outer edge of the channel and at the southern end of the tug berths.

Mariners are advised to keep to the centre of the channel when approaching and leaving the tug berths.

Chart temporarily affected - Aus 249 - Aus 250

1030(T)/2011 AUSTRALIA - QUEENSLAND - Mackay - Depth information

Former Notice - 821(T)/2011 is cancelled

Maritime Safety Queensland Notice 921(T)/2011 (AA558853)

Available depths as at 27 September 2011:

| <i>Remarks</i> | <i>Metres</i> |
|----------------------------|---------------|
| Entrance Channel | 8.8 |
| * Swing Basin | 8.7 |
| * Berth No 1 | 10.8 |
| * Berth No 3 | 12.7 |
| * Berth No 3 & 4 composite | 12.4 |
| * Berth No 4 | 10.7 |
| * Berth No 5 | 12.4 |

* Indicates new or 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

1031(T)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Harbour works

Maritime Safety Queensland Notice 898(T)/2011 (AA557519)

Piling operations are in progress in the vicinity of position 20° 16'.19 S 148° 43'.64 E. A light, Q. Y, has been established on the outer most pile.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 268

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

1033(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Marina established

Maritime Safety Queensland (AA558958 - AA558962)

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

19° 15'.53 S 146° 50'.62 E

19° 15'.70 S 146° 50'.50 E

19° 15'.70 S 146° 50'.19 E.

Note: A block update for Aus 256 and Aus 257 will be issued on receipt of survey data.

Chart temporarily affected - Aus 256 - Aus 257

1034(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Harbour works

Date - Until 30 June 2013

Maritime Safety Queensland Notice 946(T)/2011 (AA559067)

Harbour works at berths 8 (19° 15'.11 S 146° 49'.96 E) and 10 (19° 15'.05 S 146° 49'.85 E) are in progress and the berths are closed to shipping.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

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

1037(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Marlin Marina - Harbour works

Maritime Safety Queensland Notice 936(T)/2011 (AA559219)

Works associated with the construction of G finger jetty (16° 55'.06 S 145° 46'.90 E) are in progress.

Mariners are advised that during the works some piles may be unlit and to navigate with caution in the area.

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

1042(T)/2011 AUSTRALIA - QUEENSLAND - Karumba - Depth information

Former Notice - 985(T)/2011 is cancelled

Maritime Safety Queensland Notice 943(T)/2011 (AA559067)

Available depths as at 3 October 2011:

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

* Indicates revised entry.

Chart temporarily affected - Aus 6

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

1142(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 910(T)/2011 is cancelled

Maritime Safety Queensland Notice 1070(T)/2011 (AA565511)

Available depths as at 24 October 2011:

| <i>Metres</i> | |
|--------------------------------|-----|
| Centre line leads (255°) | 4.8 |
| Southern approach leads (291°) | 3.9 |

A shoal area, with a least depth of 3.9m, is drifting northwards immediately east of the southern break wall towards the centreline leads.

Mariners are advised to navigate with caution when using the southern approach leads as breaking waves may be experienced when seas rise above 1.5m.

Chart temporarily affected - Aus 230

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

1150(T)/2011 AUSTRALIA - QUEENSLAND - Percy Isles - South Island - Wreck

Maritime Safety Queensland Notice 1074(T)/2011 (AA565504)

A wreck exists in position 21° 48'.18 S 150° 23'.70 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 822 - Aus 823 - AX 0822E - AX 0823E

1151(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Depth information

Former Notice - 1090(T)/2011 is cancelled

Maritime Safety Queensland Notice 1055(T)/2011 (AA564549)

Available depths as at 27 October 2011:

| | <i>Metres</i> |
|------------------|---------------|
| * HPS Berth No 1 | 16.0 |
| HPS Berth No 2 | 16.4 |
| DBCT Berth No 1 | 17.8 |
| DBCT Berth No 2 | 17.6 |
| DBCT Berth No 3 | 18.1 |
| DBCT Berth No 4 | 17.5 |

* Indicates revised entry.

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

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 264

1156(T)/2011 AUSTRALIA - QUEENSLAND - Thursday Island - Light beacon destroyed

Maritime Safety Queensland Notice 1026(T)/2011 (AA565110)

The light beacon, *Fl. Y.2-5s* (10° 34'.88 S 142° 11'.91 E (WGS84 datum)), has been destroyed.

Chart temporarily affected - Aus 293 - Aus 299

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

1203(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Depth information

Former Notice - 1085(T)/2011 is cancelled

Maritime Safety Queensland Notice 1100(T)/2011 (AA566568)

Available depths as at 8 November 2011:

| | <i>Metres</i> |
|------------------------------------|---------------|
| <i>Sea Channels:</i> | |
| Wild Cattle Cutting | 16.1 |
| Boyne Island Cutting | 16.3 |
| Boyne Island Extension Channel | 9.0 |
| Golding Cutting | 16.1 |
| South Bypass Channel | 7.4 |
| Gatcombe Channel | 16.3 |
| Gatcombe Bypass Channel | 13.4 |
| <i>Inner Channels:</i> | |
| * Auckland Channel | 15.8 |
| Auckland Bypass Channel | 6.8 |
| Clinton Channel | 16.0 |
| Clinton Bypass Channel | 10.6 |
| Clinton Swing Basin | 10.6 |
| Targinie Channel | 10.6 |
| Targinie Swing Basin East | 10.6 |
| Targinie Swing Basin West | 9.0 |
| <i>Berths:</i> | |
| Boyne Smelter Wharf | 15.0 |
| South Trees East Wharf | 13.8 |
| South Trees West Wharf | 13.0 |
| Barney Point Wharf (east approach) | 13.5 |
| Barney Point Wharf (west approach) | 11.5 |
| Barney Point Wharf | 15.0 |
| Auckland Point No 1 Wharf | 11.3 |
| Auckland Point No 2 Wharf | 11.3 |
| Auckland Point No 3 Wharf | 11.4 |
| Auckland Point No 4 Wharf | 11.3 |
| Clinton No 1 Wharf | 19.2 |
| Clinton No 2 Wharf | 18.4 |
| Clinton No 3 Wharf | 18.6 |
| Clinton No 4 Wharf | 19.1 |
| Fishermans Landing Wharf No 1 | 13.6 |
| Fishermans Landing Wharf No 2 | 13.3 |
| Fishermans Landing Wharf No 4 | 11.4 |
| Fishermans Landing Wharf No 5 | 11.4 |

* Indicates new or revised entry.

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

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

1205(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Hamilton Point - Light buoys

Maritime Safety Queensland Notice 1081(T)/2011 (AA565736)

Special light buoys, *Fl. Y. 2-5s*, exist in positions 23° 48'.00 S 151° 13'.31 E and 23° 47'.72 S 151° 12'.88 E.

Chart temporarily affected - 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

1211(T)/2011 AUSTRALIA - QUEENSLAND - Bowen - Obstruction

Maritime Safety Queensland Notice 1101(T)/2011 (AA566565)

An obstruction, least depth *0.2m*, exists in position 20° 01'.33 S 148° 15'.39 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

1267(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Hays Inlet - Obstructions

Maritime Safety Queensland Notice 1147(T)/2011 (AA569506)

Obstructions exist at the entrance to Hays Inlet (27° 15'.84 S 153° 04'.79 E). The channel is closed to navigation.

Chart temporarily affected - Aus 236

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:

| | <i>Metres</i> |
|--------------------------------|---------------|
| 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

1270(T)/2011 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Rocky Reach - Obstruction

Maritime Safety Queensland Notice 1180(T)/2011 (AA569479)

An obstruction marked by a special light buoy, *Fl.Y.2.5s*, exists in position 24° 47'.87 S 152° 21'.91 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

1272(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island - Light buoys

Maritime Safety Queensland Notice 1176(T)/2011 (AA569485)

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

23° 45'.50 S 151° 10'.29 E
23° 45'.42 S 151° 10'.27 E
23° 45'.42 S 151° 10'.46 E
23° 45'.34 S 151° 10'.41 E.

Chart temporarily affected - Aus 245

1275(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point to Bailey Islet - Scientific instruments

Former Notice - 374(T)/2011 is cancelled

Maritime Safety Queensland Notice 1190(T)/2011 (AA569630)

Special light buoys, *Fl(5)Y.20s*, exist in positions:

21° 16'.28 S 149° 18'.56 E

21° 02'.36 S 149° 32'.70 E.

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 249 - Aus 250 - Aus 251 - AX 0249E

1277(T)/2011 AUSTRALIA - QUEENSLAND - Abbot Bay - Clark Shoal - Drilling operations

Date - Until 31 December 2011

Maritime Safety Queensland Notice 1179(T)/2011 (AA569387)

Jack-up barges *Sealift 1* and *Sealift 2* and support vessels are conducting drilling operations in an area bounded by the following positions:

19° 53'.45 S 148° 02'.51 E

19° 52'.22 S 148° 02'.45 E

19° 50'.41 S 148° 03'.44 E

19° 50'.46 S 148° 03'.59 E

19° 52'.18 S 148° 04'.41 E

19° 52'.60 S 148° 03'.52 E

19° 53'.16 S 148° 03'.09 E.

All vessels will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 255

1278(T)/2011 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoy off station

Date - Until 31 January 2012

Australian Institute of Marine Science (AA568494)

The isolated danger light buoy, *Fl(2)5s* (19° 18'.07 S 147° 37'.04 E), has been temporarily withdrawn.

Chart temporarily affected - Aus 826 - Aus 827

1279(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Harbour works

Former Notice - 930(T)/2011 is cancelled

Date - Until 31 December 2012

Maritime Safety Queensland Notices 413/2011, 418/2011, 694(T)/2011, 819(T)/2011, 1187(T)/2011 (AA533266, AA533290, AA547521, AA553394, AA569520)

Harbour works associated with the construction of the Townsville Port Access Road Bridge are in progress.

Works on the middle pier structure of the bridge are in progress. The width of the river between the middle and northern pier will be progressively restricted. Light beacons mark the construction area.

Piles have been established to protect the construction area on the southern side. *Fl.R.4.3s* lights have been established on three of the series of piles to indicate the southern extremity of the navigable channel within the works area.

A starboard lateral light buoy, *Fl.G.3s*, exists in position 19° 16'.15 S 146° 50'.11 E.

The area between the middle and southern pier will remain closed till the completion of the works.

Vessels must not pass another vessel within the construction area where the width of the river has been reduced.

The maximum air draught of vessels permitted to transit the bridge area is 6m.

The maximum beam of vessels permitted to transit the bridge area is 8.5m.

Mariners must advise the construction site foreman of the intent to transit through the construction area by mobile phone on 0420372093 or 0427036506. Mariners must also announce their approach to the bridge on VHF Ch 16 to all vessels using the river and make necessary passing arrangements.

Priority should be given to a vessel transiting the channel in the direction of tidal flow. The give way vessel should stem the tide at a safe distance from the restricted area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

1283(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Obstruction
Maritime Safety Queensland Notice 1175(T)/2011 (AA569466)

An obstruction marked by a special light buoy, *Fl. Y.3s*, exists in position 16° 57'.01 S 145° 47'.58 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 263 - Aus 264

1284(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Wreck
Maritime Safety Queensland Notice 1172(T)/2011 (AA569462)

A wreck marked by a special light buoy, *Fl. Y.3s*, exists in position 16° 56'.69 S 145° 47'.02 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 263 - Aus 264

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

1322(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Coochiemudlo Island - Wreck
Maritime Safety Queensland Notice 1220(T)/2011 (AA571709)

A wreck marked by a special light buoy, *Fl. Y.3s*, exists in position 27° 34'.51 S 153° 19'.92 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236

1327(P)/2011 AUSTRALIA - QUEENSLAND - Victor Island - Mooring buoys to be established
Date - On or about 15 January 2012
Maritime Safety Queensland Notice 1240(T)/2011 (AA572201, AA572259, AA572260)

Mooring buoys will be established as follows:

| | |
|----------------------------|-----------------------------|
| 21° 19'.97 S 149° 23'.04 E | 21° 19'.98 S 149° 23'.29 E |
| 21° 20'.00 S 149° 23'.58 E | 21° 20'.14 S 149° 22'.85 E |
| 21° 20'.14 S 149° 23'.08 E | 21° 20'.22 S 149° 23'.34 E |
| 21° 20'.37 S 149° 22'.62 E | 21° 20'.38 S 149° 22'.84 E |
| 21° 20'.43 S 149° 23'.12 E | 21° 20'.57 S 149° 22'.39 E |
| 21° 20'.59 S 149° 22'.65 E | 21° 20'.63 S 149° 22'.90 E |
| 21° 20'.78 S 149° 22'.46 E | 21° 20'.83 S 149° 22'.69 E |
| 21° 20'.98 S 149° 22'.23 E | 21° 21'.02 S 149° 22'.48 E |
| 21° 21'.16 S 149° 22'.00 E | 21° 21'.22 S 149° 22'.27 E. |

Chart which will be affected – Aus 249 – Aus 823 – AX 0249E – AX 0823E

54(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations

Former Notice - 1208(T)/2011 is cancelled

Date - Until 30 June 2012

Maritime Safety Queensland Notice 20(T)/2012 (AA575125)

Diving operations are in progress in the vicinity of the HPS berths (21° 15'.68 S 149° 18'.76 E).

MV *Investigator* is 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

55(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations

Former Notice - 1209(T)/2011 is cancelled

Date - Until 30 March 2012

Maritime Safety Queensland Notice 1263(T)/2012 (AA574996)

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

MV *Shadows* is 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

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

57(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Depth information

Former Notice - 1213(T)/2011 is cancelled

Maritime Safety Queensland Notice 15(T)/2012 (AA575370)

Available depths as at 5 January 2012:

| | <i>Metres</i> | <i>Remarks</i> |
|--------------------------|---------------|--|
| Sea Channel | 11.7 | |
| * Platypus Channel | 11.7 | |
| Outer Harbour: | | |
| Arrival Channel | 7.0 | |
| * Departure Channel | 10.9 | |
| Inner Harbour: | | |
| Harbour | 11.5 | |
| Berths: | | |
| * No 1 | 11.2 | |
| * No 2 | 11.3 | |
| No 3 | 11.8 | |
| * No 4 | 10.5 | |
| | 9.5 | Arrival to departure from from 0 mark |
| | 10.1 | Arrival to departure from from 10 mark |
| | 10.5 | Arrival to departure from from 20 mark |
| * No 7 | 10.5 | |
| Between No 7 and No 8 | 9.8 | Seaward of 0 mark at No 7 |
| * No 8 | 9.0 | |
| * No 9 | 11.4 | |
| * Between No 9 and No 10 | 10.2 | Seaward of 0 mark at No 10 |
| * No 10 | 9.2 | From 10 mark to seaward dolphin |
| | 9.2 | From Ro-Ro ramp to 10 mark |
| * No 11 | 11.3 | |
| Ross River Channel | - | No declared depth |
| Ross River | - | No declared depth |
| Ross Creek | - | No declared depth |

* Indicates revised entry.

Chart temporarily affected – Aus 256 – Aus 257

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

Former Notice - 1331(T)/2011 is cancelled

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

AIS units have been attached to nav aids as follows:

| <i>MMSI</i> | <i>Position (WGS84 datum)</i> | <i>Type</i> | <i>Remarks</i> |
|-------------|-------------------------------|-------------|---|
| 995031033 | 10° 28'.43 S 142° 22'.61 E | Real | Alert Patches north cardinal light buoy |
| 995031038 | 10° 29'.77 S 142° 27'.08 E | Synthetic | East Strait Island rear light |
| 995031022 | 10° 30'.16 S 142° 21'.51 E | Real | Herald Patches starboard lateral light buoy |

| | | | |
|-----------|----------------------------|-----------|--|
| 995031023 | 10° 33'.91 S 142° 09'.13 E | Real | Goods Island rear light |
| 995031039 | 10° 35'.49 S 141° 52'.41 E | Synthetic | Gannet Passage south cardinal light buoy |
| 995036032 | 10° 40'.20 S 142° 37'.80 E | Virtual | Quetta Rock. |

Chart temporarily affected – Aus 292 – Aus 293 – Aus 296 – Aus 299 – Aus 376 – Aus 700 – Aus 839

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

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

Available depths as at 2 January 2012:

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

* Indicates revised entry.

Chart temporarily affected – Aus 293 – Aus 299

60(T)/2012 AUSTRALIA - QUEENSLAND - Weipa - Depth information

Former Notice - 67(T)/2011 is cancelled

Maritime Safety Queensland Notice 8(T)/2012 (AA574948)

Available depths as at 3 January 2012:

| | <i>Metres</i> |
|-------------------------|---------------|
| 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 | 9.6 |
| Lorim Point East | 12.3 |
| Lorim Point West | 12.3 |

* Indicates new or revised entry

Chart temporarily affected – Aus 4

61(T)/2012 AUSTRALIA - QUEENSLAND - Weipa - Mission River - Mooring buoy established

Date - Until 31 May 2012

Maritime Safety Queensland Notice 1234(T)/2011 (AA571766)

A lit white mooring buoy, Q, exists in position 12° 36'.20 S 141° 51'.89 E.

Chart temporarily affected – Aus 4

111(T)/2012 AUSTRALIA - QUEENSLAND - Point Danger to Point Lookout - Scientific instruments

Former Notice - 698(T)/2011 is cancelled

Maritime Safety Queensland Notice 64(T)/2012 (AA578863)

Special light buoys, *Fl(5)Y.20s*, exist in positions:

| |
|-----------------------------|
| 28° 10'.89 S 153° 34'.48 E |
| 27° 57'.95 S 153° 26'.57 E |
| 27° 29'.29 S 153° 37'.93 E. |

Mariners are not to use these buoys as moorings.

Chart temporarily affected – Aus 230 – Aus 813 – Aus 814

117(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Scientific instrument

Date - Until 13 March 2012

Maritime Safety Queensland Notice 43(T)/2012 (AA578078)

A scientific instrument marked by a special light buoy, Q.Y, exists in position 21° 17'.38 S 149° 17'.82 E.

Chart temporarily affected – Aus 250

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

120(T)/2012 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instrument

Maritime Safety Queensland Notice 46(T)/2012 (AA578863)

Special light buoy, Fl(5)Y.20s, exist in position 19° 52'.0 S 148° 06'.0 E

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 255

123(T)/2012 AUSTRALIA - QUEENSLAND - Karumba - Light beacon withdrawn; light buoy off station

Former Notice - 1051(T)/2008 is cancelled

Maritime Safety Queensland Notice 72(T)/2012 (AA579108)

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

Chart temporarily affected – Aus 6

151(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information

Former Notices - 48(T)/2012, 112(T)/2012 are cancelled

Brisbane Port Corporation (AA581812)

Available depths and under keel clearances (UKC) at 7 February 2012:

| <i>Berth</i> | <i>Metres</i> | <i>Remarks</i> |
|--|---------------|------------------|
| * Fisherman Islands No10 | 14.0 | |
| * Fisherman Islands No9 | 14.0 | |
| * Fisherman Islands No8 | 13.9 | |
| Fisherman Islands No7 | 14.0 | |
| * Fisherman Islands No6 | 14.0 | |
| Fisherman Islands No5 | 14.0 | |
| * Fisherman Islands No4 | 13.7 | |
| * Fisherman Islands No3 | 13.8 | |
| Fisherman Islands No2 | 14.0 | |
| * Fisherman Islands No1 | 14.0 | |
| * Fisherman Islands Grain and Woodchip | 13.0 | |
| Caltex Fisherman Islands | 14.6 | |
| * Fisherman Islands Coal | 13.9 | |
| * Fisherman Islands General Purpose | 11.3 | |
| * BP Luggage Point | 13.7 | |
| * Caltex Products | 10.0 | |
| * Cement Australia Co Wharf | 9.2 | |
| * BP Products | 10.7 | |
| Shell | 10.9 | |
| * Pacific Terminals | 10.5 | |
| Incitec North | 10.0 | |
| * Incitec South | 9.8 | |
| * Pinkenba 1 | 10.3 | |
| * Pinkenba 2 | 10.3 | |
| Riverside Marina | - | |
| * Sugar Terminal | 9.8 | |
| Cairncross Fitting Out Wharf | 8.0 | |
| Cairncross Breasting Wharf | 6.3 | |
| Brisbane Naval Wharf | 4.3 | |
| Maritime No3 | 5.6 | (not maintained) |
| * Maritime No2 | 8.4 | |
| * Maritime No1 | 9.0 | |
| Hamilton No4 | 10.0 | |
| * Hamilton No1 | 9.0 | |
| * Brisbane Cruise Ship Terminal | 8.8 | |

| | Metres | UKC/Remarks |
|------------------------------|--------|------------------------------------|
| <i>Moreton Bay :</i> | | |
| North East Channel | 5.5 | 1.5 |
| North West Channel | 15.0 | 2.3 (280m width) |
| North West Bypass Channel | 9.2 | 1.6 |
| * Spitfire Channel | 14.9 | 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 Bar Cutting | 13.5 | 1.46 |
| Fisherman Islands Swing Basin | 13.5 | 1.3 |
| Pelican Banks Reach to Hamilton Reach | 9.0 | 0.6 / 0.9 (draft/tide) |
| Cement Australia Swing Basin | 9.0 | 0.6 / 0.9 (draft/tide) |
| Pinkenba Swing Basin | 9.0 | 0.6 / 0.9 (draft/tide) |
| Hamilton Swing Basin | 9.0 | 0.6 / 0.9 (draft/tide) |

* Indicates new or revised entry.

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

152(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer

Former Notice - 1201(T)/2011 is cancelled

Date - Until 31 March 2012

Maritime Safety Queensland Notice 112(T)/2012 (AA581824)

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

154(T)/2012 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling

Former Notice - 115(T)/2012 is cancelled

Maritime Safety Queensland Notice 104(T)/2012 (AA581405)

Shoaling with a least depth of 1.6m exists within the main channel to Mooloolah River, between positions 26° 40'.74 S 153° 07'.95 E and 26° 40'.74 S 153° 07'.87 E. A least depth of 2.6m exists between positions 26° 40'.74 S 153° 07'.87 E and 26° 40'.81 S 153° 07'.93 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

155(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Pipelines

Former Notice - 116(T)/2012 is cancelled

Date - Until 31 December 2012

Maritime Safety Queensland Notices 1115(T)/2011, 1132(T)/2011, 57(T)/2012, 99(T)/2012 (AA567581, AA567881, AA578641, AA581568)

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'.37 S 151° 12'.95 E

23° 49'.24 S 151° 12'.57 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245

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

Date - Until 29 February 2012

Maritime Safety Queensland Notice 110(T)/2012 (AA581795)

Drilling operations are in progress at Abbot Point Wharf. An exclusion zone exists in within an area bounded by the following positions:

19° 51'.36 S 148° 06'.19 E

19° 51'.28 S 148° 05'.25 E

19° 51'.69 S 148° 05'.92 E

19° 51'.32 S 148° 04'.91 E.

The works will be conducted during daylight hours by MV *Delphi*. The vessel will display appropriate lights and symbols and will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 255

157(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Light buoy off station

Maritime Safety Queensland Notice 109(T)/2012 (AA581794)

The starboard lateral light buoy, *Fl.G.2-5s*, (19° 15'.30 S 146° 50'.85 E) is off station.

Chart temporarily affected - Aus 257

158(T)/2012 AUSTRALIA - QUEENSLAND - Cairns - Depth information

Former Notice - 873(T)/2011 is cancelled

Maritime Safety Queensland Notice 80(T)/2012 (AA580589)

Available depths as of 30 January 2012:

| | <i>Metres</i> | <i>Remarks</i> |
|-------------------------|---------------|-----------------------------------|
| Entrance Channel | 8.3 | |
| Crystal Swing Basin at: | | |
| * 360 metre diameter | 6.8 | |
| * 380 metre diameter | 6.4 | |
| Swing Basin at: | | |
| 310 metre diameter | 8.7 | |
| * 320 metre diameter | 7.8 | |
| Marlin Marina | 3.3 | |
| 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

159(T)/2012 AUSTRALIA - QUEENSLAND - Thursday Island - West Wai-Weer Reef - Light beacon destroyed

Maritime Safety Queensland Notice 111(T)/2012 (AA581828)

The light beacon, Fl.R 2.5s (10° 34'.36 S 142° 10'.08 E) has been destroyed.

Chart temporarily affected - Aus 293 - Aus 299

NORTHERN TERRITORY

950(T)/2004 AUSTRALIA - NORTHERN TERRITORY - Troubadour Shoals - Scientific instruments.

Former Notice - 849(T)/2002 is cancelled

MetOcean (A113058).

Scientific instruments, marked by white floats, exist in positions (WGS 84) as follows:

11° 32'.76 S 128° 14'.54 E

11° 32'.46 S 128° 14'.43 E

11° 09'.78 S 128° 10'.90 E

11° 09'.88 S 128° 10'.70 E

10° 25'.46 S 128° 13'.59 E

10° 25'.49 S 128° 13'.32 E

9° 49'.63 S 128° 10'.18 E

9° 49'.62 S 128° 09'.92 E

9° 38'.27 S 128° 07'.50 E

9° 38'.27 S 128° 07'.19 E

* Indicates new or revised position.

Mariners are not to use the buoys as a mooring.

Chart temporarily affected - Aus 309 - Aus 311 - Aus 315 - AX 70309.

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

Former Notice - 671(T)/2008 is cancelled

Modem 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

1333(T)/2011 AUSTRALIA - TIMOR SEA - Osborn Passage - Drilling and pipelay operations

Former Notice - 120(T)/2011 is cancelled

Date - Until 29 June 2012

PTTEP Australasia Pty Ltd (AA353657, AA353658, AA571901, AA571902)

Drill rig *Ensko 109* is conducting drilling operations in position 12° 40'.20 S 124° 32'.22 E. A 500m exclusion zone exists around the drill rig.

MV *Sapura-3000* and MV *Rockwater-2* are conducting pipelay operations between the following positions:

12° 40'.34 S 124° 32'.37 E

12° 30'.08 S 124° 25'.09 E

and

12° 32'.49 S 124° 26'.63 E

12° 31'.50 S 124° 27'.56 E.

The FPSO *Montara Venture* will be established mid 2012 in position 12° 39'.59 S 124° 32'.69 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 314 – Aus 319 – Aus 4721 (INT 721) – Aus 4722 (INT 722) – AX 0314F – AX 0319F – AX 4721F – AX 4722F

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:

| <i>Berths</i> | <i>Metres</i> |
|---|------------------------------|
| * 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

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.

1034(T)/2007 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Depth information

Former Notice - 705(T)/2007 is cancelled
Dampier Port Authority Notice 48/2007 (AA295909)

Available depths as at 7 November 2007:

| | <i>Metres</i> |
|---------------------------------------|---------------|
| East Intercourse Island | 20.0 |
| Ell Layby berth | 19.3 |
| PPT1 | 17.2 |
| PPT2 | 18.0 |
| PPT3 | 18.0 |
| PPT4 | 18.0 |
| PPT5 | 18.0 |
| Service Wharf | 6.7 |
| * Mermaid Mariner Supply Base Channel | 5.4 |
| * Berthing pocket | 7.2 |

* Indicates revised entry.

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

1052(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Yampi Sound - Parakeet Channel - Comber Rock - Buoy off station

Department for Planning and Infrastructure (AA362535)

The isolated danger buoy (16° 06'.44 S 123° 39'.61 E (WGS84 datum)) is off station.

Chart temporarily affected – Aus 40 – Aus 732 – Aus 733

451(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Light buoy off station

Geraldton Port Authority (AA397386)

The port lateral light buoy, *Fl(4)R.10s* (28° 42'.70 S 114° 34'.50 E (WGS84 datum)), is currently in position 28° 42'.64 S 114° 34'.55 E.

Vessels passing close to the south of the light buoy will have a least depth of 8.1m

Chart temporarily affected - Aus 81 - Aus 751

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

76(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments

Date - Until 31 December 2011

Department of Transport WA Notice 103A/2009 (AA446956)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in the following positions (WGS84 datum):

20° 46'.79 S 115° 29'.29 E
20° 47'.04 S 115° 29'.78 E
20° 47'.39 S 115° 29'.94 E
20° 48'.58 S 115° 28'.59 E
20° 49'.01 S 115° 30'.83 E
20° 49'.53 S 115° 29'.20 E
20° 49'.95 S 115° 30'.35 E
20° 53'.06 S 115° 30'.78 E
20° 54'.36 S 115° 32'.25 E.

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

139(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments

Date - Until 31 January 2012

Department for Transport WA Notice 9A/2010 (AA451302)

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

20° 47'.8 S 115° 28'.3 E
20° 48'.3 S 115° 28'.9 E
20° 49'.4 S 115° 30'.6 E.

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

337(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Depth information

Former Notice - 616(T)/2008 is cancelled

Esperance Ports Sea and Land (AA461996)

Available depths as of 23 March 2010:

| Location | Metres |
|------------------|-----------|
| Berth No 1 | 13.2 |
| Berth No 2 | 13.3 |
| Berth No 3 | 18.2 |
| 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

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

Former Notice - 461(T)/2010 is cancelled

Department of Transport WA (AA465142)

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

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

Mariners are not to use these buoys as moorings.

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

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

Former Notice - 523(T)/2004 is cancelled

MetOcean Engineers (AA472066)

Scientific instruments exist as follows:

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

Chart temporarily affected - Aus 327

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

Former Notice - 1080(T)/2009 is cancelled

Port Hedland Port Authority Notice 5/2010 (AA477996)

Available depths as at 31 March 2010:

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

* Indicates revised entry.

Chart temporarily affected - Aus 52 - Aus 54

936(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Shoaling

Former Notice - 570(T)/2010 is cancelled

Dampier Port Authority Notice 34/2010 (AA490752)

Shoaling, with least depth 3m, exists at the Mermaid Supply Base between the berths and the slip in the area with a declared depth of 4m (20° 37'.94 S 116° 45'.22 E (WGS84 datum)).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 59

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

1402(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Cape Lambert - Dredging operations

Date - Until 30 June 2012

Department of Transport WA (AA509635)

Dredging operations are in progress between 20° 33'.33 S 117° 13'.12 E and 20° 34'.50 S 117° 11'.59 E.

The dredge material will be deposited within the following areas:

Area 1

20° 31'.38 S 117° 12'.58 E
20° 31'.66 S 117° 13'.00 E
20° 30'.83 S 117° 13'.64 E
20° 30'.54 S 117° 13'.22 E.

Area 2

20° 29'.37 S 117° 14'.25 E
20° 29'.66 S 117° 14'.67 E
20° 28'.82 S 117° 15'.31 E
20° 28'.53 S 117° 14'.89 E.

Area 3

20° 26'.30 S 117° 20'.54 E
20° 26'.29 S 117° 21'.63 E
20° 25'.81 S 117° 21'.13 E
20° 25'.81 S 117° 20'.54 E.

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

Mariners are advised to navigate with caution in the area.

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

1405(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Mooring buoy off station northeastwards

Former Notice - 571(T)/2010 is cancelled

MV *Mermaid Achiever* (AA471498, AA471499), Woodside Energy Ltd (AA471473, AA509630)

The lit mooring buoy (19° 35'.08 S 116° 03'.42 E (WGS84 datum)) is off station.

Chart temporarily affected - Aus 327

1408(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Scientific instrument northwards

Date - Until 18 December 2011

Fugro Survey Pty Ltd (AA509619 - AA509621)

A special light buoy, *Fl(5)Y.20s*, exists in position 20° 10'.51 S 113° 49'.45 E.

Chart temporarily affected - Aus 329

121(T)/2011 INDIAN OCEAN - Sumatera - Scientific instruments westwards

Former Notice - 1458(T)/2009 is cancelled

JAMSTEC (AA514619)

Scientific instruments, Triton buoys, exist as follows:

| <i>Number</i> | <i>Position</i> |
|---------------|---------------------------|
| 17 | 5° 01'.97 S 94° 58'.60 E |
| 18 | 1° 36'.18 S 90° 04'.44 E |
| 19 | 8° 04'.05 S 95° 07'.40 E. |

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

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 0755E – 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

390(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands to Barrow Island - Lit mooring buoys

Former Notice - 69(T)/2011 is cancelled

Date - Until 29 November 2011

Chevron Australia Pty Ltd (AA511777, AA526014)

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

| | |
|----------------------------|----------------------------|
| 21° 05'.94 S 115° 30'.83 E | 20° 49'.32 S 115° 30'.67 E |
| 21° 02'.44 S 115° 29'.06 E | 20° 49'.01 S 115° 30'.82 E |
| 20° 57'.75 S 115° 28'.07 E | 20° 48'.56 S 115° 28'.60 E |
| 20° 54'.52 S 115° 32'.33 E | 20° 48'.38 S 115° 28'.94 E |

| | |
|----------------------------|-----------------------------|
| 20° 54'.37 S 115° 32'.23 E | 20° 48'.04 S 115° 28'.52 E |
| 20° 54'.09 S 115° 27'.74 E | 20° 47'.36 S 115° 30'.34 E |
| 20° 53'.07 S 115° 30'.78 E | 20° 47'.36 S 115° 29'.92 E |
| 20° 51'.73 S 115° 28'.09 E | 20° 47'.28 S 115° 30'.63 E |
| 20° 51'.62 S 115° 31'.96 E | 20° 47'.10 S 115° 30'.02 E |
| 20° 51'.56 S 115° 29'.54 E | 20° 47'.01 S 115° 29'.80 E |
| 20° 50'.29 S 115° 30'.19 E | 20° 46'.79 S 115° 29'.29 E |
| 20° 50'.12 S 115° 30'.25 E | 20° 44'.16 S 115° 29'.06 E |
| 20° 49'.96 S 115° 30'.35 E | 20° 44'.00 S 115° 29'.16 E |
| 20° 49'.92 S 115° 30'.35 E | 20° 37'.86 S 115° 35'.18 E |
| 20° 49'.85 S 115° 30'.40 E | 20° 33'.34 S 115° 34'.33 E |
| 20° 49'.53 S 115° 29'.22 E | 20° 30'.47 S 115° 33'.86 E. |
| 20° 49'.52 S 115° 28'.54 E | |

Chart temporarily affected - Aus 61 - Aus 62 - Aus 63 - Aus 327 - Aus 328 - Aus 742 - Aus 743

432(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instruments

Date - Until 31 October 2011

MetOcean Engineers (AA528772)

Scientific instruments marked by lit buoys, *Fl(5)Y.20s*, exist in positions:

20° 26'.02 S 117° 09'.26 E
 20° 34'.49 S 117° 06'.14 E
 20° 34'.58 S 117° 06'.18 E.

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

436(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Scientific instruments

Date - Until 31 May 2011

MetOcean Engineers (AA528772)

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 329

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:

| <i>Berth</i> | <i>Metres</i> |
|--------------|---------------|
| No 1 | 11.0 |
| No 2 | 11.0 |
| * No 4 | 14.6 |
| * No 5 | 14.6 |
| * No 6 | 14.6 |
| * No 7 | 14.6 |
| * 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

493(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Light beacon destroyed

Bunbury Port Authority (AA532242)

No3 light beacon (33° 17'.68 S 115° 38'.93 E) has been destroyed; a starboard lateral light buoy, *Is.G.3s*, exists in situ.

Chart temporarily affected - Aus 115

579(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Scientific instruments

Department of Transport WA Notice 79/2011 (AA536980)

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

21° 36'.48 S 115° 04'.31 E
21° 34'.01 S 115° 00'.98 E
21° 34'.22 S 115° 01'.83 E
21° 34'.15 S 115° 03'.42 E
21° 31'.22 S 115° 05'.62 E
21° 31'.62 S 115° 08'.12 E
21° 38'.93 S 114° 55'.54 E
21° 35'.35 S 114° 56'.40 E
21° 30'.45 S 115° 11'.73 E
21° 32'.82 S 115° 04'.61 E
21° 33'.30 S 115° 04'.14 E
21° 31'.81 S 114° 46'.23 E
21° 37'.87 S 114° 41'.40 E
21° 19'.69 S 115° 09'.41 E
21° 19'.59 S 115° 23'.48 E
21° 29'.19 S 115° 12'.91 E
21° 27'.07 S 115° 02'.05 E
21° 29'.00 S 115° 01'.54 E
21° 32'.05 S 115° 03'.16 E
21° 43'.09 S 114° 46'.22 E.

Chart temporarily affected - Aus 743

581(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Albany - Harbour works

Former Notice - 633(T)/2010 is cancelled

Date - Until 30 November 2011

WA Department of Transport (AA537007)

Works associated with the construction of the new marina are in progress (35° 01'.9 S 117° 53'.3 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 109

620(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredging operations

Former Notice - 723(T)/2010 is cancelled

Date - Until 30 January 2012

Port Hedland Port Authority (AA539585)

Dredging operations are underway in the area bounded by the following positions:

20° 19'.74 S 118° 33'.86 E
20° 19'.47 S 118° 34'.16 E
20° 19'.55 S 118° 34'.39 E
20° 19'.66 S 118° 34'.36 E
20° 19'.92 S 118° 34'.07 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 52 – Aus 53 – Aus 54

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

Former Notice - 577(T)/2011 is cancelled

Date - Until 30 November 2011

MetOcean Engineers, UKHO (AA536573, AA539590)

Scientific instruments exist as follows:

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

Chart temporarily affected – Aus 327 – Aus 328

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

Former Notice - 718(T)/2011 is cancelled

Date - Until 10 December 2011
Department of Transport WA Notice 93/2011 (AA546427)

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

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

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

Mariners are advised to navigate with caution in the area.

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

878(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Port Geographe - Shoaling

Department of Transport WA Notice 104/2011 (AA551156)

Shoaling exists within the entrance channel to Port Geographe Marina (33° 37'.79 S 115° 23'.23 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus116

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

943(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instruments northeastwards

Date - Until 31 August 2012

MetOcean Engineers (AA552557)

Scientific instruments exist as follows:

| Position | Remarks |
|----------------------------|-------------------|
| 19° 34'.11 S 116° 09'.06 E | <i>Fl(5)Y.20s</i> |
| 19° 34'.30 S 116° 09'.06 E | <i>Fl(5)Y.20s</i> |
| 19° 34'.35 S 116° 09'.51 E | subsurface. |

Chart temporarily affected - Aus 327

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:

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

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

1101(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments

Former Notice - 1044(T)/2011 is cancelled

Date - Until 31 March 2012

MetOcean Engineers (AA561014)

Scientific instruments exist as follows:

| <i>Position</i> | <i>Remarks</i> |
|----------------------------|------------------------------|
| 20° 15'.45 S 118° 33'.68 E | FI(5)Y.20s |
| 20° 15'.42 S 118° 33'.76 E | 5 poly floats |
| 20° 15'.41 S 118° 33'.32 E | FI(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 | FI(5)Y.20s |
| 20° 08'.07 S 118° 23'.87 E | 5 poly floats |
| 20° 08'.05 S 118° 24'.15 E | 5 poly floats |
| 20° 08'.02 S 118° 24'.10 E | FI(5)Y.20s |
| 20° 07'.85 S 118° 23'.72 E | FI(5)Y.20s and 5 poly floats |
| 20° 07'.79 S 118° 23'.84 E | FI(5)Y.20s |

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

1165(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Coulomb Point to Cape Boileau - Scientific instruments

Former Notice - 1204(T)/2010 is cancelled

Date - Until 31 December 2012

Woodside Energy Ltd (AA565081, AA565082)

Scientific instruments marked by buoys exist in positions:

17° 20'.69 S 122° 04'.90 E
17° 23'.33 S 122° 07'.52 E
17° 25'.04 S 122° 06'.42 E
17° 27'.95 S 122° 07'.80 E
17° 29'.46 S 122° 07'.86 E
17° 30'.11 S 122° 06'.06 E
17° 31'.39 S 122° 07'.72 E
17° 32'.95 S 122° 08'.29 E
17° 33'.94 S 122° 06'.34 E
17° 34'.95 S 122° 07'.28 E
17° 35'.24 S 122° 09'.03 E
17° 41'.59 S 122° 10'.04 E.

Chart temporarily affected - Aus 324

1222(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Seismic survey northwards

Date - Until 31 January 2012

Chevron Australia Pty Ltd (AA567493)

MV *Ramform Explorer*, towing ten 6000m cables, and support vessel MV *Nautika Pride* and MV *No Limit* are conducting a survey in an area bounded by the following positions:

20° 00'.49 S 115° 12'.76 E
19° 39'.04 S 115° 12'.74 E

19° 37'.10 S 115° 16'.37 E
19° 37'.14 S 115° 22'.11 E
19° 39'.87 S 115° 26'.92 E
19° 58'.50 S 115° 26'.99 E
20° 03'.42 S 115° 17'.78 E.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 4723Fx

1223(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Mooring buoys

Former Notice - 1166(T)/2011 is cancelled

Date - Until 29 February 2012

Aus coast Warnings 268/2011, 286/2011 (AA564674, AA566986, AA567015), Hess Exploration Australia Pty Ltd (AA565581)
Four lit mooring buoys, Q, exist within a 2M radius of positions 20° 04'.57 S 113° 49'.55 E and 20° 28'.7 S 114° 03'.5 E.

Chart temporarily affected - Aus 328 - Aus 329

1290(T)/2011 INDIAN OCEAN - Perth to Christmas Island - Survey operations

Date - Until 10 January 2012

Department of Transport Notice 144/2011 (AA569776), EGS Survey Pty Ltd (AA569613 - AA569615)

MV *EGS Explorer* is conducting survey operations with a towed array between the following positions:

31° 48'.55 S 115° 30'.10 E
31° 49'.78 S 115° 25'.39 E
31° 49'.52 S 115° 12'.10 E
31° 45'.22 S 114° 58'.18 E
31° 44'.42 S 114° 54'.20 E
31° 41'.77 S 114° 50'.79 E
31° 40'.93 S 114° 43'.17 E
31° 35'.28 S 114° 30'.65 E
31° 24'.91 S 114° 14'.44 E
27° 40'.00 S 111° 08'.00 E
22° 42'.00 S 110° 06'.00 E
21° 07'.00 S 110° 00'.00 E
20° 20'.00 S 108° 58'.00 E
13° 56'.00 S 106° 25'.00 E
13° 23'.00 S 106° 35'.00 E
10° 22'.00 S 105° 50'.00 E
9° 45'.00 S 105° 28'.00 E
8° 14'.00 S 105° 08'.00 E

The vessel will display appropriate lights and shapes and will monitor VHF Channel 16.

Chart temporarily affected - Aus 334 - Aus 400 - Aus 608 - Aus 754 - Aus 4708 (INT 708) - Aus 4709 (INT 709) - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 0334E - AX 0754E - AX 4708F - AX 4723F - AX 66002

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:

| <i>Position</i> | <i>Remarks</i> |
|----------------------------|------------------|
| 17° 59'.53 S 122° 10'.88 E | <i>Fl. Y.2s</i> |
| 18° 03'.60 S 122° 11'.90 E | <i>Fl. Y.2s</i> |
| 18° 01'.87 S 122° 12'.78 E | <i>Fl. Y.2s</i> |
| 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 | <i>Fl. Y.3s</i> |
| 18° 00'.06 S 122° 12'.93 E | <i>Fl. Y.3s</i> |
| 17° 59'.25 S 122° 13'.96 E | <i>Fl. Y.3s.</i> |

Chart temporarily affected – Aus 50 – Aus 51

1339(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Seismic survey

Former Notice - 1103(T)/2011 is cancelled

Date - Until 29 February 2012

TGS-NOPEC (AA570395)

SRV *Viking Vision*, with a 6000m towed array, and support vessel, *Pacific Peacock* are conducting a survey in an area bounded

by the following positions:

19° 09'.91 S 112° 43'.22 E
19° 09'.92 S 113° 03'.81 E
19° 08'.82 S 113° 03'.74 E
19° 08'.87 S 113° 49'.08 E
19° 21'.01 S 113° 49'.08 E
19° 21'.01 S 113° 21'.94 E
19° 29'.93 S 113° 16'.35 E
19° 29'.92 S 113° 05'.08 E
19° 26'.77 S 113° 05'.08 E
19° 27'.03 S 112° 43'.41 E
19° 09'.91 S 112° 43'.22 E.

Chart temporarily affected – Aus 4723 (INT 723) – AX 4723F

68(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Delambre Island to Dixon Island - Drilling operations

Date - Until 30 June 2012

API Management Pty Ltd (AA575102, AA575103), Department of Transport WA Notice 6/2012 (AA576682)

A jack-up barge is conducting drilling operations between the following positions:

20° 28'.0 S 117° 09'.0 E
20° 30'.0 S 117° 10'.0 E
20° 34'.0 S 117° 06'.0 E
20° 37'.0 S 117° 05'.0 E.

Chart temporarily affected – Aus 55 – Aus 57 – Aus 740 – Aus 741

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

128(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Scientific instruments

Date - Until 8 May 2012

Dampier Port Authority Notice 25/2011 (AA578833)

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

20° 35'.09 S 116° 40'.50 E
20° 36'.79 S 116° 45'.07 E
20° 38'.19 S 116° 43'.98 E.

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

161(T)/2012 AUSTRALIA - TIMOR SEA - Seismic survey

Former Notice - 66(T)/2012 is cancelled

Date - Until 9 March 2012

MEO Australia Ltd (AA581649, AA581650)

RV *Veritas Viking II* is conducting a survey in the area bounded by the following positions:

13° 26'.64 S 127° 54'.60 E

13° 35'.79 S 127° 40'.69 E

13° 56'.78 S 128° 02'.90 E

13° 42'.71 S 128° 12'.83 E

Chart temporarily affected - Aus 315

162(T)/2012 AUSTRALIA - TIMOR SEA - Van Cloon Shoal - Seismic survey

Former Notice - 125(T)/2012 is cancelled

Date - Until 7 March 2012

Albers Group (AA581760, AA582164)

RV *Voyager Explorer* is conducting a survey in the areas bounded by the following positions:

12° 04'.85 S 126° 37'.72 E

12° 18'.70 S 126° 47'.08 E

12° 29'.13 S 126° 35'.71 E

12° 28'.40 S 126° 22'.76 E

12° 17'.24 S 126° 15'.10 E

Chart temporarily affected - Aus 315

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

Dampier Port Authority Notice 04/2012 (AA582170, AA582171)

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

| <i>Name</i> | <i>Position</i> | <i>Light buoy characteristic</i> |
|-------------|----------------------------|----------------------------------|
| No 8 | 20° 32'.75 S 116° 43'.42 E | Q.Y |
| No 10 | 20° 33'.24 S 116° 43'.80 E | Fl(2)Y.5s |
| No 11 | 20° 33'.65 S 116° 44'.24 E | Fl.Y.3s |
| No 12 | 20° 34'.20 S 116° 44'.89 E | Fl(2)Y.5s |

Chart temporarily affected - Aus 58

165(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Platform installation; mooring buoys northwards

Former Notice - 1045(T)/2011 is cancelled

Date - Until 20 March 2012

SSCV *Hermod* (AA581857, AA581858, AA581859)

SSCV *Hermod* is moored in position 19° 35'.07 S 116° 07'.75 E and has deployed anchors marked by buoys within a 2000m radius.

Unlit orange mooring buoys exist in positions 19° 29'.5 S 116° 07'.9 E and 19° 28'.9 S 116° 07'.8 E.

A wave rider buoy has been established in position 19° 33.30 S 116° 07'.40 E

Chart temporarily affected - Aus 327

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

573(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - MacDonnell Sound - Wreck
Department of Transport, Energy and Infrastructure SA Notice 23/2010 (AA470933)

A stranded wreck exists in position 35° 05'.83 S 137° 51'.90 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 139 - Aus 780

1344(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Cape Jaffa - Wreck westwards
Department of Transport, Energy and Infrastructure Notice 51/2010 (AA506578)

A wreck exists in position 36° 52'.30 S 139° 06'.69 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 347

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 :

| <i>Name</i> | <i>Position</i> | <i>Type</i> |
|-------------|------------------------|--|
| Bcn21 | 32°34.03'S 137°45.91'E | Starboard Lateral beacon |
| Bcn23 | 32°33.54'S 137°46.21'E | Starboard Lateral beacon |
| Bcn24 | 32°34.05'S 137°45.76'E | Port Lateral light beacon, <i>Fl.R.3s</i> |
| Bcn25 | 32°32.90'S 137°46.57'E | Starboard Lateral beacon |
| Bcn26 | 32°33.48'S 137°46.07'E | Port Lateral beacon |
| Bcn27 | 32°32.58'S 137°46.81'E | Starboard lateral light beacon, <i>Fl.G.5s</i> |
| Bcn28 | 32°32.83'S 137°46.51'E | Port Lateral beacon |
| Bcn29 | 32°32.34'S 137°46.75'E | Starboard lateral light beacon, <i>Fl.G.2s</i> |
| Bcn30 | 32°32.59'S 137°46.71'E | Port Lateral light beacon, <i>Fl.R.5s</i> |
| Bcn31 | 32°32.04'S 137°46.35'E | Starboard lateral light beacon, <i>Fl.G.3s</i> |
| Bcn32 | 32°32.49'S 137°46.72'E | Port Lateral light beacon, <i>Fl.R.3s</i> |
| Bcn33 | 32°32.02'S 137°45.97'E | Starboard lateral light beacon, <i>Fl.G.5s</i> |
| Bcn34 | 32°32.33'S 137°46.61'E | Port Lateral beacon |
| Bcn35 | 32°31.97'S 137°45.86'E | Starboard lateral light beacon, <i>Fl.G.2s</i> |
| Bcn36 | 32°32.10'S 137°46.32'E | Port Lateral light beacon, <i>Q R</i> |
| Bcn37 | 32°31.73'S 137°45.71'E | Starboard Lateral beacon |
| Bcn38 | 32°32.07'S 137°46.05'E | Port Lateral beacon |
| Bcn39 | 32°31.57'S 137°45.76'E | Starboard Lateral beacon |

| | | |
|-------|------------------------|--|
| Bcn40 | 32°32.02'S 137°45.83'E | Port Lateral beacon |
| Bcn41 | 32°31.28'S 137°45.87'E | Starboard Lateral beacon |
| Bcn42 | 32°31.93'S 137°45.69'E | Port Lateral beacon |
| Bcn43 | 32°30.81'S 137°46.07'E | Starboard lateral light beacon, <i>Fl.G.3s</i> |
| Bcn44 | 32°31.72'S 137°45.66'E | Port Lateral light beacon, <i>Fl.R.3s</i> |
| Bcn45 | 32°30.71'S 137°46.06'E | Starboard Lateral beacon |
| Bcn46 | 32°31.34'S 137°45.80'E | Port Lateral beacon |
| Bcn47 | 32°30.55'S 137°46.01'E | Starboard lateral light beacon, <i>Fl.G.5s</i> |
| Bcn48 | 32°31.15'S 137°45.89'E | Port Lateral beacon |
| Bcn49 | 32°30.26'S 137°45.65'E | Starboard lateral light beacon, <i>Fl.G.2s</i> |
| Bcn50 | 32°30.96'S 137°45.97'E | Port Lateral beacon |
| Bcn51 | 32°30.08'S 137°45.52'E | Starboard Lateral beacon |
| Bcn52 | 32°30.81'S 137°46.00'E | Port Lateral beacon |
| Bcn53 | 32°29.89'S 137°45.47'E | Starboard Lateral beacon |
| Bcn54 | 32°30.72'S 137°46.01'E | Port Lateral beacon |
| Bcn55 | 32°29.56'S 137°45.46'E | Starboard lateral light beacon, <i>Fl.G.5s</i> |
| Bcn56 | 32°30.63'S 137°45.97'E | Port Lateral beacon |
| Bcn58 | 32°30.57'S 137°45.94'E | Port Lateral beacon |
| Bcn60 | 32°30.28'S 137°45.62'E | Port Lateral light beacon, <i>Fl.R.5s</i> |
| Bcn62 | 32°30.13'S 137°45.48'E | Port Lateral light beacon, <i>Fl.R.2s</i> |
| Bcn64 | 32°29.90'S 137°45.42'E | Port Lateral light beacon, <i>Fl.R.5s</i> |

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

1227(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Great Australian Bight - Ceduna Terrace - Scientific instruments

Date - Until 30 November 2012
MetOcean Engineers (AA566988)

Subsurface scientific instruments exist in the following positions:

- 33° 21'.55 S 130° 40'.55 E
- 33° 21'.95 S 130° 39'.26 E
- 34° 28'.50 S 130° 42'.08 E
- 34° 51'.10 S 133° 25'.10 E
- 31° 53'.68 S 130° 38'.99 E.

Chart temporarily affected - Aus 4727 (INT 727)

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

Former Notice - 534(T)/2011 is cancelled
Fugro LADS Corporation (AA534581)

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

Chart temporarily affected – Aus 781

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

Former Notice - 176(T)/2009 is cancelled
Department for Transport, Energy and Infrastructure SA Notice 38/2010 (AA515239, AA515240)

Available depths as at 24 August 2010:

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

Chart temporarily affected – Aus 133

129(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Rapid Bay - Light buoy off station northwestwards
Department of Planning, Transport and Infrastructure SA Notice 4/2012 (AA578839)

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

Chart temporarily affected – Aus 780

166(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Great Australian Bight - Ceduna Terrace - Seismic survey

Former Notice - 1226(T)/2011 is cancelled

Date - Until 10 May 2012

NT Shipping Agencies (AA565932, AA581292)

MV *Ramform Sterling*, with a 9100m towed array, and support vessels, *Ocean Dynasty* and *Unlimited*, are conducting a survey in the areas bounded by the following positions:

33° 34'.25 S 129° 23'.50 E

33° 34'.25 S 130° 45'.00 E

34° 29'.50 S 131° 52'.00 E

35° 30'.00 S 131° 52'.00 E

35° 30'.00 S 129° 23'.50 E

and

37° 15'.0 S 137° 30'.0 E

37° 46'.0 S 137° 30'.0 E

37° 46'.0 S 129° 46'.0 E

33° 32'.0 S 129° 46'.0 E.

Chart temporarily affected - Aus 343 - Aus 346 - AX 0343E - Aus 4727 (INT 727) - Aus 4728 (INT 728)

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

1301(T)/2009 AUSTRALIA - VICTORIA - Barry Beach - Shoaling

Former Notice - 1002(T)/2004 is cancelled

Victorian Notice 149/2009 (AA436347)

Shoaling, with a least depth of *5m*, 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 181 - Aus 182 - AU439146

1302(T)/2009 AUSTRALIA - VICTORIA - Port Welshpool - Middle Ground Channel - Beacon destroyed

Gippsland Ports (AA433895 - AA433897)

No2 port lateral beacon (38° 42'.36 S 146° 29'.15 E (WGS84 datum)) has been destroyed; a port lateral cylindrical buoy has been established in situ.

Chart temporarily affected - Aus 181 - AU439146

942(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Depth information

Former Notice - 465(T)/2009 is cancelled

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

Available depths as at 19 August 2010:

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

* Indicates new or revised entry.

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

Chart temporarily affected - Aus 153 - Aus 157

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:

| <i>Position</i> | <i>Remarks</i> |
|-----------------------------|--|
| 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

1217(T)/2010 AUSTRALIA - VICTORIA - Western Port - West Head - Light buoy off station

West Head Gunnery Range (AA501498)

The special light buoy (38° 31'.1 S 145° 01'.0 E) is off station.

Chart temporarily affected - Aus 150 - Aus 801 - AU439145

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 - AU439146

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

128(T)/2011 AUSTRALIA - VICTORIA - Cape Duquesne to Port Campbell - Scientific instruments

Date - Until 31 July 2012
Cardno (AA514821)

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

183(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Light beacon removed

Date - Until 18 March 2011

Victorian Notice 24(T)/2011 (AA516346)

The light beacon *No 49* is temporarily removed. A temporary light, *Fl.Y.2s*, has been established in position 37° 49'.272 S 144° 54'.766 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

232(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - South Wharf - Harbour works

Date - Until 18 April 2011

Victorian Notice 38(T)/2011 (AA518656)

Harbour works are in progress in the vicinity of position 37° 49'.29 S 144° 54'.71 E.

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

37° 49'.27 S 144° 54'.76 E

37° 49'.27 S 144° 54'.72 E

37° 49'.27 S 144° 54'.67 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

584(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Light buoys withdrawn

Date - Until 30 June 2011

Victorian Notice 80(T)/2011 (AA537371)

T5 light buoy (37° 58'.87 S 144° 55'.69 E) and T6 light buoy (37° 58'.86 S 144° 55'.08 E) have been temporarily withdrawn.

Chart temporarily affected - Aus 155

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

781(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling; light buoy established

Former Notice - 670(T)/2011 is cancelled

Victorian Notices 85(T)/2011, 93(T)/2011 (AA541373, AA544723)

Shoaling, with a least depth of 11.5m, exists in position 38° 19'.78 S 144° 54'.00 E. An east cardinal light buoy, *VQ(3)5s*, exists in position 38° 19'.76 S 144° 54'.05 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - 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

884(T)/2011 AUSTRALIA - VICTORIA - Corner Inlet - Midge Channel - Beacon destroyed
Victorian Notice 104(T)/2011 (AA550572)

The starboard lateral beacon (38° 41'.78 S 146° 39'.11 E) has been destroyed; a starboard lateral buoy exists in situ.

Chart temporarily affected - Aus181

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

1110(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Harbour works
Former Notice - 535(T)/2011 is cancelled
Date - Until 28 February 2012
Victorian Notice 119(T)/2011 (AA561577)

Replacement of tidal gates at Whalers Cove (38° 04'.20 S 145° 08'.05 E) are in progress. Navigation through the gates will be reduced to one lane. A traffic light management system will be in place for vessels entering or exiting the lakes at the tide gates between Patterson River and Whalers Cove.

All hazards to navigation will display appropriate lights and be marked by buoys.

Mariners are advised to navigate with caution in these areas.

Chart temporarily affected – Aus 143

1293(T)/2011 AUSTRALIA - VICTORIA - Corner Inlet - Franklin Channel - Light buoy off station
Victorian Notice 131(T)/2011 (AA569173)

No1 light buoy (38° 45'.43 S 146° 24'.78 E) is off station.

Chart temporarily affected - Aus 181

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

83(T)/2012 AUSTRALIA - VICTORIA - Cape Conran - Oilfield infrastructure removal southwards
Date - Until 15 April 2012
Roc Oil Company (AA575894, AA575895)

The ISV *Skandi Hercules* and support vessels *Pacific Crest* and MT *Keera* are conducting a well abandonment program in an area bounded by the following positions:

38° 16'.85 S 148° 41'.30 E
38° 16'.66 S 148° 42'.97 E
38° 17'.72 S 148° 43'.92 E
38° 19'.29 S 148° 43'.91 E
38° 17'.98 S 148° 42'.41 E.

Chart temporarily affected – Aus 357 – Aus 487 - Aus4644 (INT 644)

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

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

Date - Until 13 April 2012

Origin Energy (AA579496)

The drill rig *Stena Clyde* is in position 38° 58'.00 S 142° 53'.47 E. A 500m safety zone and 2.5M cautionary zone exist around the vessel.

The vessel will display AIS and Racon (D).

Chart temporarily affected - Aus 349 - Aus 787

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

Former Notice - 1171(T)/2011 is cancelled

Victorian Notice 127(T)/2011, 128(T)/2011, 21(T)/2012 (AA565638, AA565639, AA581412)

Virtual AIS exist as follows:

| <i>Position</i> | <i>Identification Message</i> |
|----------------------------|-------------------------------|
| 38° 18'.22 S 144° 44'.36 E | TB1 |
| 38° 18'.27 S 144° 45'.65 E | TB2 |
| 38° 19'.09 S 144° 48'.71 E | TB3 |

Shoaling with a least depth of *14.9m* exists north of a line joining the positions and a least depth of *15.2m* to the south.

Shoaling with least depth *13.4* exists to the north of position 38° 18'.27 S 144° 45'.65 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 144 - Aus 158

172(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Dredging

Date - Until 12 March 2012

Victorian Notice 22(T)/2012 (AA581407)

The dredge *Brisbane* and support vessels *Pacific Conquest* and *John Norgate* are conducting dredging operations in the South Channel.

Dredge spoil will be deposited in the spoil ground at 38° 20'.2 S 144° 51'.9 E

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

Mariners are advised to navigate with caution in the area.

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

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

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)

176(T)/2012 AUSTRALIA - CORAL SEA - Light buoy offstation

Australian Bureau of Meteorology (AA581659)

The light buoy, *Fl. Y.2s*, (14° 47'.8 S 153° 34'.7 E), is drifting and currently in position 14° 15'.22 S 155° 05'.33 E (6 Feb 2012).

Chart temporarily affected - AX 4621F - Aus 4621 (INT 621)

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 - AU443147

1416(T)/2010 AUSTRALIA - TASMANIA - Round Hill Point - Pipeline

Marine and Safety Tasmania Notice M119/2010 (AA508866)

A pipeline is being laid between positions 41° 03'.92 S 145° 56'.67 E and 41° 03'.74 S 145° 56'.67 E.

Chart temporarily affected - Aus 163 - Aus 799

442(T)/2011 AUSTRALIA - TASMANIA - Stony Head - Scientific instrument northwards

Date - Until 31 October 2011

Cardno (AA527770)

A special light buoy, *Fl(5)Y.20s*, exists in position 40° 30'.02 S 146° 55'.77 E.

Chart temporarily affected - Aus 799

582(T)/2011 AUSTRALIA - TASMANIA - River Derwent - New Town Bay - Wreck

Marine and Safety Tasmania (AA537008, AA537009)

A wreck exists in position 42° 50'.68 S 147° 19'.08 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

946(T)/2011 AUSTRALIA - TASMANIA - Hobart - Prince of Wales Bay - Harbour works

Date - Until 31 March 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

1052(T)/2011 AUSTRALIA - TASMANIA - River Derwent - Cornelian Bay - Wreck

Marine and Safety Tasmania Notice M127/2011 (AA559312)

A wreck exists in position 42° 51'.32 S 147° 19'.36 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 171 - Aus 172

1229(T)/2011 AUSTRALIA - TASMANIA - Frederick Henry Bay - Scientific instruments

Date - Until 20 March 2012

Marine and Safety Tasmania Notice M141/2011 (AA567987)

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

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

Chart temporarily affected - Aus 171 - Aus 796

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

Date - Until 30 March 2013

Marine and Safety Tasmania Notice M150/2011 (AA570022)

Subsurface scientific instruments exist in the following positions:

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

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

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

Date - Until 20 December 2011

Marine and Safety Tasmania Notice M144/2011 (AA569730)

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

Chart temporarily affected - Aus 179 - Aus 800

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

169(T)/2012 AUSTRALIA - TASMANIA - Hebe Reef - Harbour works

Date - Until 31 March 2012

Marine and Safety Tasmania Notice M19/2012 (AA581862)

Works are being carried out by the barge *Kulanda* at Hebe Reef light beacon (41° 03'.0 S 146° 44'.3 E).

The barge is moored on the south side of the light beacon.

Chart temporarily affected - Aus 167

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

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

133(T)/2011 PACIFIC OCEAN - Scientific instruments

Former Notice - 1471(T)/2009 is cancelled

JAMSTEC (AA514619)

Scientific instruments, Triton buoys, exist as follows:

Number Position

4 0° 01'.02 S 155° 57'.35 E

5 1° 58'.97 S 156° 01'.84 E

6 4° 58'.03 S 156° 01'.00 E

9 0° 01'.48 S 146° 59'.98 E.

Chart temporarily affected – Aus 399 – Aus 4622 (INT 622)

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)

429(T)/2011 PAPUA NEW GUINEA - Badila Dabobona Reef - Light beacon altered southeastwards

Date - Until 31 October 2011

National Maritime Safety Authority PNG Notice 20/2011 (AA527923, AA527924)

The light beacon (10° 23'.60 S 151° 00'.77 E) has been temporarily altered to *Fl(2)10s 7m 4M*.

Chart temporarily affected - Aus 508 - Aus 628

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

1095(T)/2011 PAPUA NEW GUINEA - Omati River to Caution Bay - Pipeline

Date - Until 31 July 2012

National Maritime Safety Authority PNG (AA557592, AA557593)

PLV *Semac 1* and *Castoro 10* are conducting pipelay operations between the following positions:

| | |
|-------------------------|--------------------------|
| 7°36'.10 S 144°08'.04 E | 7°36'.59 S 144°08'.18 E |
| 7°37'.09 S 144°08'.26 E | 7°40'.49 S 144°08'.01 E |
| 7°43'.57 S 144°10'.92 E | 7°44'.70 S 144°11'.35 E |
| 7°46'.28 S 144°10'.89 E | 7°49'.67 S 144°11'.36 E |
| 8°09'.15 S 144°31'.18 E | 8°09'.44 S 144°34'.88 E |
| 8°08'.59 S 144°48'.02 E | 8°08'.62 S 144°49'.19 E |
| 8°08'.45 S 144°50'.87 E | 8°07'.98 S 144°59'.39 E |
| 8°08'.01 S 145°00'.68 E | 8°07'.68 S 145°04'.67 E |
| 8°07'.38 S 145°10'.09 E | 8°07'.41 S 145°11'.37 E |
| 8°07'.26 S 145°12'.21 E | 8°07'.04 S 145°16'.19 E |
| 8°07'.92 S 145°18'.27 E | 8°09'.26 S 145°21'.41 E |
| 8°09'.45 S 145°22'.20 E | 8°09'.77 S 145°22'.92 E |
| 8°10'.59 S 145°24'.58 E | 8°14'.18 S 145°33'.60 E |
| 8°24'.96 S 146°08'.58 E | 8°30'.05 S 146°13'.34 E |
| 8°35'.60 S 146°16'.55 E | 8°36'.15 S 146°16'.92 E |
| 8°38'.99 S 146°18'.49 E | 8°39'.65 S 146°18'.92 E |
| 8°43'.36 S 146°21'.05 E | 8°50'.44 S 146°26'.08 E |
| 8°52'.17 S 146°27'.33 E | 8°52'.68 S 146°27'.59 E |
| 8°53'.21 S 146°27'.93 E | 8°53'.65 S 146°28'.36 E |
| 9°04'.07 S 146°35'.80 E | 9°12'.34 S 146°48'.35 E |
| 9°18'.40 S 146°53'.09 E | 9°19'.16 S 146°56'.35 E |
| 9°20'.36 S 146°57'.58 E | 9°19'.89 S 147°00'.09 E. |

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 379 – Aus 378 – Aus 502 – Aus 4620 (INT 620) – AX 4620F

1158(T)/2011 PAPUA NEW GUINEA - Gulf of Papua - Works

Date - Until 31 December 2011

National Maritime Safety Authority PNG Notice 44/2011 (AA565256)

DPB *Lewek Champion* and support vessels are conducting construction works and pipelay operations in an area within a 5M radius of Kumul production platform (8° 03'.86 S 144° 33'.64 E). An exclusion zone exists within the area of the works and pipelay operations.

Chart temporarily affected - Aus 378 - Aus 502

1286(T)/2011 PAPUA NEW GUINEA - Bougainville Island - Lights unlit

Former Notice - 1159(T)/2011 is cancelled

National Maritime Safety Authority PNG Notices 22/2011, 46/2011, 52/2011 (AA535709, AA565338, AA569723)

The following lights are unlit:

| <i>Location</i> | <i>Position</i> |
|---------------------------|---------------------------|
| Otua Island (K4886) | 6° 27'.50 S 155° 58'.40 E |
| Takanupe Island (K4884.4) | 6° 08'.86 S 155° 34'.31 E |

| | |
|---------------------------|---------------------------|
| Dokome Point (K4885.2) | 6° 10'.91 S 155° 32'.94 E |
| Kerekerina Point (K4885) | 6° 11'.30 S 155° 33'.56 E |
| Arawa Bay (K4884.6) | 6° 13'.74 S 155° 34'.37 E |
| Banaru Reef (K4885.7) | 6° 08'.30 S 155° 39'.03 E |
| Moto Reef (K4885.8) | 6° 08'.77 S 155° 39'.52 E |
| Wogoromodo Reef (K4885.6) | 6° 10'.12 S 155° 39'.03 E |
| Cape Laverdy (K4884) | 5° 32'.49 S 155° 03'.88 E |

Chart temporarily affected - Aus 399 - Aus 683 - Aus 4622 (INT 622)

122(T)/2012 PAPUA NEW GUINEA - Port Moresby to Kerema Bay - Seismic survey

Former Notice - 982(T)/2011 is cancelled

Date - Until 31 May 2012

National Maritime Safety Authority PNG Notice 35/2011 (AA556509, AA579038, AA579039)

RV *BGP Prospector* is conducting a survey in an area bounded by the following positions:

9° 23'.23 S 146° 22'.00 E
8° 47'.17 S 145° 52'.44 E
8° 49'.50 S 145° 49'.37 E
8° 34'.01 S 145° 36'.42 E
8° 31'.43 S 145° 39'.30 E
8° 26'.78 S 145° 35'.35 E
8° 19'.98 S 145° 43'.57 E
9° 15'.38 S 146° 30'.49 E.

Chart temporarily affected – Aus 377 – Aus 378 – Aus 379 – AX 60377

EAST TIMOR

727(T)2006 EAST TIMOR - Dili - Point Laguebada - Light unlit.
List of Lights Vol K/2006 - 1368
OIC DGST (A195686).

The light (8° 32'.90 S 125° 34'.13 E) is unlit.

Chart temporarily affected - Aus 901.

MISCELLANEOUS

995(T)/2011 AUSTRALIA - Summer time

Date - Until 1 April 2012

Australian Government (AA556406)

Clocks will be advanced one hour at 0200 local time on 2 OCT 2011 and retarded one hour on 1 APR 2012 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.