

TEMPORARY AND PRELIMINARY NOTICES
In force on 19 November 2010

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.

708(T)/2008 AUSTRALIA - NEW SOUTH WALES - Green Cape to Ballina Head - Scientific instruments

Former Notice - 388(T)/2008 is cancelled
Manly Hydraulics Laboratory (AA346009, AA346010)

Special light buoys, *Fl(5)Y.20s*, exist in positions (WGS84 datum):

| | |
|-------------|--------------|
| 28° 49'.4 S | 153° 39'.9 E |
| 30° 21'.4 S | 153° 16'.1 E |
| 31° 49'.5 S | 152° 51'.6 E |
| 33° 46'.3 S | 151° 25'.0 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

1035(T)/2008 AUSTRALIA - NEW SOUTH WALES - Beecroft Peninsula - Crocodile Head - Light buoy off station

University of New South Wales (AA361285)

The special light buoy, *Fl.Y.5s*, (35° 05'.0 S, 150° 51'.0 E (WGS84 datum)) is off station.

Chart temporarily affected - Aus 193 - Aus 807 - Aus 808 - AX 0808E - AX 60193 - AX 70193 - AU5XX193

1009(T)/2009 AUSTRALIA - NEW SOUTH WALES - Manly - Scientific instruments

Date - Until 28 February 2011
University of Sydney Institute of Marine Science (AA353372, AA353373, AA424523)

Subsurface scientific instruments exist in positions (WGS84 datum):

| | |
|--------------|---------------|
| 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 63200 - AU5X200E

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 - AU5198X9

49(T)/2010 AUSTRALIA - NEW SOUTH WALES - Cape Baily to Ben Buckler - Scientific instruments

Former Notice - 1373(T)/2009 is cancelled

Date - Until 30 June 2011

Sydney Institute of Marine Science (AA375220, AA420046)

Subsea moorings (25 metres below the surface) exist in positions (WGS84 datum) 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 – AX 63200 - AU434151

167(T)/2010 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Darling Point - Scientific instrument

Date - Until 31 July 2010

AECOM Australia Pty Ltd (AA443700, AA443800, AA451010, AA451011)

A special cylindrical light buoy, *Fl. Y. 4s*, exists in position 33° 51'.93 S 151° 14.17 E (WGS84 datum).

Chart temporarily affected - Aus 200 - Aus 202 - AU5X200E

606(T)/2010 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Kurnell to La Perouse Point - Cable laying operations

Former Notice - 371(T)/2010 is cancelled

Date - Until 31 October 2010

Sydney Ports Corporation Notice 3/2010 (AA473158)

Vessels *Steel Hauler*, *Edi*, *Bega* and support vessels *Southern Cross* and *Ultimate One* are laying power cables between the following positions;

34° 00'.4 S 151° 12'.9 E
34° 00'.3 S 151° 12'.9 E
33° 59'.4 S 151° 13'.9 E.

The barge *Steel Hauler* has deployed anchors marked by special light buoys which mark the boundary of an exclusion zone around the vessel.

The shipping channel may be closed between 2300 and 0400 and Sydney Harbour Control will advise on VHF Ch 13.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 198 - Aus 199 - AU5198X9

707(T)/2010 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Obstruction; light buoy established

Oceanlinx, Lloyd's List Daily Commercial News (AA478111), Port Kembla Port Corporation (AA462660, AA462714, AA462715)

An obstruction exists in position 34° 28'.27 S 150° 54'.88 E.

An east cardinal spar light buoy, Q(3)10s, exists in position 34° 28'.27 S 150° 55'.04 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 194 - Aus 195

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 - AU5219P3

917(T)/2010 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depth information

Former Notice - 660(T)/2010 is cancelled
Port Kembla Port Corporation Notice 4/2010 (AA486022, AA486023)

Available depths as at 12 August 2010:

| <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 | 11.2 | 9.5m east of bollard 3 (16.7m chainage) |
| 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

918(T)/2010 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Obstructions

Former Notice - 864(T)/2008 is cancelled
NSW Maritime (AA354885)

Lost anchors and cables exist in the area bounded by:

34° 25'.70 S 150° 55'.20 E
34° 25'.70 S 150° 59'.40 E
34° 22'.00 S 150° 59'.40 E
34° 22'.00 S 150° 57'.00 E.

Chart temporarily affected - Aus 195 - Aus 808 - AX 0808E

919(T)/2010 AUSTRALIA - NEW SOUTH WALES - Newcastle - Obstructions

Former Notice - 866(T)/2008 is cancelled
NSW Maritime (AA354885)

Lost anchors and cables exist in the area bounded by:

32° 56'.50 S 151° 48'.00 E
32° 56'.50 S 151° 56'.50 E
33° 15'.00 S 151° 47'.00 E

33° 15'.00 S 151° 38'.50 E.

Chart temporarily affected - Aus 207 - Aus 208 - Aus 809 - AX 0809E

1181(T)/2010 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 708(T)/2010 is cancelled

Newcastle Port Corporation (AA501445)

Available depths as at 3 November 2010:

| <i>Berth</i> | <i>Metres</i> |
|---|------------------------------------|
| * Western Basin 3 | 11.6 |
| Western Basin 4 | 11.4 |
| Eastern Basin 1 | 11.6 |
| Eastern Basin 2 North of Ch 450 | 11.6 |
| * Eastern Basin 2 South of Ch 450 | 11.3 |
| Dockyard 2 (Dredge) | 4.0 |
| Channel Berth | 8.3 |
| Dyke 1 | 12.8 |
| Dyke 2 | 12.8 |
| * Dyke 4 | 16.3 |
| * Dyke 5 | 16.3 |
| Dyke 6 | 6.3 |
| * Mayfield 4 Ch 27 to 266 | 12.5 |
| * BHP Wharf 6 to Ch 1050 | 7.5 |
| Kooragang 2 | 11.6 |
| Kooragang 2 North Dolphin Ch 182 to 228 | 11.1 |
| Kooragang 2 South Dolphin Ch -92 to 00 | 10.9 |
| Kooragang 3 | 13.3 |
| Kooragang 4 | 16.5 |
| Kooragang 5 | 16.3 |
| Kooragang 6 | 16.5 |
| Kooragang 8 | 15.3 |
| Kooragang 9 | 15.5 |
| Kooragang Ship Receptival KSR | 8.0 |
| Throsby 1 | 9.3 |
| Carrington wharf | To be sounded as and when required |
| Foreshore Park Berth | 6.5 |
| 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) | 16.1 |
| Entrance Channel to Horseshoe | 15.2 |
| Horseshoe | 15.0 |
| Steelworks Channel to Swinging Basin | 15.0 |
| Swinging Basin | 15.0 |
| Swinging Basin to Mayfield 4 | 12.8 |
| * Hunter River South Arm (Kooragang 6 to Kooragang 9) | 15.0 |
| Basin Cutting | 12.7 |
| Basin Area to Eastern & Western Basin Berths | 12.3 |
| Basin Area to 1 Throsby | 10.0 |
| Stockton Crossing | 3.6 |
| * Indicates revised entry. | |

Chart temporarily affected - Aus 207 - Aus 208

(13)

QUEENSLAND

671(T)/2006 AUSTRALIA - QUEENSLAND - Skardon River - Shoaling.
Maritime Safety Queensland Notice 396(T)/2006 (A196087).

Shoaling exists in the entrance to Skardon River (11° 45'.5 S 142° 00'.0 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 701.

1052(T)/2006 AUSTRALIA - QUEENSLAND - Laguna Quays - Reduced depth.
Former Notice - 703(T)/2005 is cancelled
Maritime Safety Queensland Notice 593(T)/2006 (A207558).

The depth in the entrance channel to Laguna Quays (20° 35'.95 S 148° 41'.48 E) is reduced.

Mariners should contact Laguna Quays Port Control on VHF Ch16 prior to transiting the channel.

Chart temporarily affected - Aus 252.

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.

890(T)/2007 AUSTRALIA - QUEENSLAND - Skardon River - Shoaling
Maritime Safety Queensland Notice 614(T)/2007 (AA285408)

Shoaling, least depth *0m*, exists in approx position 11° 46'.29 S 141° 57'.95 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 701

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

111(T)/2008 AUSTRALIA - QUEENSLAND - Heron Island - Scientific instruments

Date - Until 30 June 2011

Australian Institute of Marine Science (AA308016, AA308017)

Subsurface scientific instruments exist in positions:

23° 22'.958 S 151° 59'.215 E

23° 28'.988 S 152° 10'.432 E

23° 30'.740 S 151° 57'.318 E

Chart temporarily affected - Aus 819

114(T)/2008 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Scientific instrument

Date - Until 30 June 2011

Australian Institute of Marine Science (AA308016, AA308017)

A subsurface scientific instrument exists in position 19° 18'.305 S 147° 37'.322 E.

Chart temporarily affected - Aus 826 - Aus 827

116(T)/2008 AUSTRALIA - QUEENSLAND - Thread Shoal to Myrmidon Reef - Scientific instruments

Date - Until 30 June 2011

Australian Institute of Marine Science (AA308016, AA308017)

Subsurface scientific instruments exist in positions:

18° 18'.766 S 147° 09'.073 E

18° 13'.178 S 147° 20'.621 E

Chart temporarily affected - Aus 828

118(T)/2008 AUSTRALIA - QUEENSLAND - Lizard Island - Scientific instruments

Date - Until 30 June 2011

Australian Institute of Marine Science (AA308016, AA308017)

Subsurface scientific instruments exist in positions:

14° 35'.649 S 145° 21'.432 E

14° 20'.354 S 145° 20'.625 E

Chart temporarily affected - Aus 832

311(T)/2008 AUSTRALIA - QUEENSLAND - Swains Reef - Scientific instruments

Former Notice - 112(T)/2008 is cancelled

Australian Institute of Marine Science (AA308016, AA308017)

Subsurface scientific instruments exist in positions:

22° 13'.589 S 151° 48'.281 E

20° 51'.512 S 151° 48'.362 E

Chart temporarily affected - Aus 367 - Aus 426

657(T)/2008 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Sea Reach - Light beacon destroyed

Maritime Safety Queensland Notice 350(T)/2008 (AA342856)

No 12 light beacon (24° 45'.30 S 152° 24'.44 E) has been destroyed; a port lateral light buoy, *Fl.R.*3s, exists in situ.

Chart temporarily affected - Aus 242

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

755(T)/2008 AUSTRALIA - QUEENSLAND - Cassady - Light beacon destroyed

Maritime Safety Queensland Notice 431(T)/2008 (AA348607)

The landfall beacon (18° 36'.93 S 146° 20'.08 E (WGS84 datum)) has been destroyed; a special light buoy, *Fl.Y.2-5s*, exists in situ.

Chart temporarily affected - Aus 371 - Aus 372 - Aus 827 - Aus 828

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 - AU5268P2

1051(T)/2008 AUSTRALIA - QUEENSLAND - Karumba - Light beacon withdrawn

Former Notice - 661(T)/2007 is cancelled

Maritime Safety Queensland Notice 604(T)/2008 (AA361931)

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

Chart temporarily affected - Aus 6

1099(T)/2008 AUSTRALIA - QUEENSLAND - Goold Island - Wreck

Former Notice - 875(T)/2008 is cancelled

Maritime Safety Queensland Notice 634(T)/2008 (AA363523), Wreck is FV *Silla*

A wreck marked by an isolated danger light buoy, *Fl(2)4s*, exists in position 18° 10'.314 S 146° 04'.913 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 828 - AU419146

1248(T)/2008 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Light buoy

Maritime Safety Queensland Notice 743(T)/2008 (AA371532)

A port lateral light buoy, *Fl.R.2-5s*, has been established in position 19° 15'.875 S 146° 50'.387 E to mark a sandbank that has extended into the Ross River Channel.

Chart temporarily affected - Aus256 - Aus257 - AU5XX257

84(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Rous Channel - Shoaling

Former Notice - 1090(T)/2008 is cancelled

Maritime Safety Queensland Notice 831(T)/2008 (AA378659)

Shoaling exists within Rous Channel.

No3 light buoy (27° 23'.14 S 153° 25'.78 E) has been repositioned to 27° 23'.05 S 153° 25'.33 E.

No7 light buoy (27° 23'.00 S 153° 24'.87 E) has been repositioned to 27° 22'.85 S 153° 24'.93 E.

No5 light buoy (27° 23'.20 S 153° 25'.37 E) has been withdrawn.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

94(T)/2009 AUSTRALIA - QUEENSLAND - Cape Upstart - Wreck northwards

Former Notice - 461(T)/2008 is cancelled

Maritime Safety Queensland Notice 812(T)/2008 (AA376703), wreck is SV *Challenger*

A wreck exists in position 19° 26'.84 S 147° 46'.33 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 826 - Aus 827 - AU320147

170(T)/2009 AUSTRALIA - QUEENSLAND - Rocky Point - Light beacon withdrawn

Maritime Safety Queensland Notice 43(T)/2009 (AA382154)

The north cardinal light beacon, Q, (17° 21'.60 S 146° 01'.90 E) has been temporarily withdrawn.

Chart temporarily affected – Aus 829 - AU418146

662(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Cleveland Point - Light beacon unlit

Maritime Safety Queensland Notice 339(T)/2009 (AA409170)

The light beacon (27° 30'.47 S 153° 17'.62 E) is unlit.

Chart temporarily affected - Aus 236

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 - AU5268P2

729(T)/2009 AUSTRALIA - QUEENSLAND - Albatross Bay - Scientific instruments

Former Notice - 218(T)/2009 is cancelled

Maritime Safety Queensland Notice 383(T)/2009 (AA412011)

A special light buoy, *Fl(5)Y.20s*, exists in position 12° 41'.27 S 141° 41'.10 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 4 – Aus 701 - AU413141

777(T)/2009 AUSTRALIA - QUEENSLAND - Southport - Harbour works

Former Notice - 79(T)/2009 is cancelled

Maritime Safety Queensland Notice 18(T)/2009 (AA380382)

Harbour works associated with the construction of a new pier facility (27° 57'.95 S 153° 25'.15 E) are in progress.

The work site will be marked by special light buoys, *Fl. Y.2-5s*, in positions:

27° 57'.92 S 153° 25'.15 E

27° 57'.86 S 153° 25'.11 E

27° 57'.93 S 153° 25'.19 E

27° 57'.83 S 153° 25'.14 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 230

836(T)/2009 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 774(T)/2009 is cancelled

Maritime Safety Queensland Notice 447(T)/2009 (AA417664)

An area of shoal water located approximately 250m east northeast of the seaway south wall continues to move northward across the line of the centre line leads (255°).

The shoal area has a least depth of approximately 3.6m LAT and use of the centre line leads should be avoided at low tide by deep draft vessels. Breaking waves may be experienced at this location during the ebb tide or when seas rise above 1.5m.

Deepest water (over 4.1m) is found when navigating the seaway using the southern approach leads (291°).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

837(T)/2009 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling
Maritime Safety Queensland 448(T)/2009 (AA417665)

Shoaling with a least depth of, 2.9m LAT exists in the North channel in the vicinity of 27° 55'.8 S 153° 25'.1 E. Deeper water to 3.4m is found on the eastern side of the channel.

Shoaling with a least depth of, 4.1m LAT exists in the South channel in the vicinity of 27° 56'.3 S 153° 25'.4 E.

Chart temporarily affected - Aus 230

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 - AU5254P2

964(T)/2009 AUSTRALIA - QUEENSLAND - Hay Point - Depth information
Maritime Safety Queensland Notice 514(T)/2009 (AA422706)

The available depth for the navigation channel in Hay Point tug harbour is 5.1m (LAT).

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

Chart temporarily affected - Aus 249 - Aus 250 - AX 0249E - AU5250P2

1019(T)/2009 AUSTRALIA - QUEENSLAND - Port Alma - Depth information
Former Notice - 623(T)/2009 is cancelled
Maritime Safety Queensland Notice 559(T)/2009

Available depths as at 18 August 2009:

| <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 - AU5247P1

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 - AU5XX257

1136(T)/2009 AUSTRALIA - QUEENSLAND - Cooktown - Light buoy repositioned; light buoy established
Former Notice - 1077(T)/2009 is cancelled
Maritime Safety Queensland Notice 637(T)/2009 (AA430661)

No1 light buoy has been repositioned to 15° 27'.20 S 145° 15'.34 E. No2 port lateral light beacon (15° 27'.24 S 145° 15'.36 E) has been withdrawn; a port lateral light buoy, *Fl.R.2-5s*, exists in position 15° 27'.22 S 145° 15'.34 E.

Chart temporarily affected – Aus 270 - AU5270P6

1238(T)/2009 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Reach - Harbour works
Maritime Safety Queensland Notice 699(T)/2009 (AA434984)

Harbour works associated with the refurbishment of Shell Oil Wharf (27° 25'.43 S 153° 07'.80 E) are in progress.

Barges, support vessels and divers are onsite.

Temporary mooring and fendering arrangements will be in place during the works. Further information on the works and berthing arrangements can be obtained through Brisbane Harbour on VHF Ch 12 or (07) 3305 1700.

Chart temporarily affected - Aus 238 - AU5237X8

1283(T)/2009 AUSTRALIA - QUEENSLAND - Gladstone - Scientific instruments
Maritime Safety Queensland Notice 712(T)/2009 (AA435652)

Scientific instruments marked by special conical light buoys, Q.Y, exist in the vicinity of:

| <i>Position</i> | <i>Remarks</i> |
|----------------------------|-------------------------|
| 23° 48'.56 S 151° 12'.87 E | 18 structures deployed |
| 23° 48'.99 S 151° 17'.63 E | 18 structures deployed |
| 23° 46'.08 S 151° 18'.20 E | 72 structures deployed. |

The extent of the areas will be marked by white poly-floats.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245 - Aus 819 - AU424151 - AU5244X5

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 - AU424151

62(T)/2010 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Harbour works
Former Notice - 1192(T)/2009 is cancelled
Maritime Safety Queensland Notices 648(T)/2009, 849(T)/2009 (AA432006, AA447012)

Abutment works for the Townsville Port Access Road Bridge are in progress.

A port lateral light buoy, *Fl.R.2.5s*, exists in position 19° 16'.16 S 146° 50'.13 E, which marks the extremity of the works.

A starboard lateral light buoy, *Fl.G.2.5s*, exists in position 19° 16'.13 S 146° 50'.13 E, which marks the abutment rock walls that are being constructed.

A silt curtain will enclose the reclamation works in preparation for the construction of the rock wall and bridge embankment. The works are expected to protrude approximately 50m into the river from the eastern bank and will be lit by flashing lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257 - AU5XX257

65(T)/2010 AUSTRALIA - TORRES STRAIT - Madge Reef - Light beacon unlit
Maritime Safety Queensland Notice 11(T)/2010 (AA448142)

The light beacon (10° 35'.22 S 142° 14'.36 E (WGS84 datum)) is unlit.

Chart temporarily affected - Aus 293 - Aus 299 - AU311142 - AU5XX299

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

128(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Redcliffe - Scientific instrument southeastwards
Former Notice - 54(T)/2010 is cancelled
Maritime Safety Queensland Notice 44(T)/2010 (AA451166)

A special light buoy, *Fl(5)Y.20s*, exists in position 27° 15'.10 S 153° 11'.94 E (WGS84 datum).

Mariners are not to use the buoy as a mooring.

Chart temporarily affected - Aus 236 - AU428153

134(T)/2010 AUSTRALIA - QUEENSLAND - Cape Cleveland - Scientific instrument
Former Notice - 1198(T)/2008 is cancelled
Maritime Safety Queensland Notice 44(T)/2010 (AA451166)

A special light buoy, *Fl(5)Y.20s*, exists in position 19° 09'.63 S 147° 03'.50 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected - Aus 256 - Aus 827 - AU320147

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 - AU5258P1

171(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Boyne River - Light beacons destroyed
Maritime Safety Queensland Notice 105(T)/2010 (AA453117)

The light beacons at the entrance to Boyne River (23° 55'.85 S 151° 21'.55 E), have been damaged or destroyed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 246 - AU424151

174(T)/2010 AUSTRALIA - QUEENSLAND - Great Keppel Island - Light beacon destroyed
Maritime Safety Queensland Notice 107(T)/2010 (AA453346)

The isolated danger light beacon (23° 09'.18 S 150° 56'.31 E (WGS84 datum)) has been destroyed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 366 - Aus 367 - Aus 819 - Aus 820 – AX 0367E – AX 0820E - AU424150

175(T)/2010 AUSTRALIA - QUEENSLAND - Coral Point - Light beacon destroyed
Maritime Safety Queensland Notice 89(T)/2010 (AA452874)

The light beacon, *Fl.G.2.5s* (21° 22'.10 S 149° 18'.75 E), has been destroyed; a starboard lateral light buoy, *Fl.G.3s*, exists in situ.

Chart temporarily affected - Aus 249 - Aus 823 – AX 0249E – AX 0823E - AU422149

220(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Depth information
Former Notice - 130(T)/2010 is cancelled
Maritime Safety Queensland Notice 145(T)/2010 (AA455193)

Available depths as at 24 November 2009:

| <i>Metres</i> | <i>Remarks</i> |
|-----------------------|----------------|
| Sea Channels: | |
| * Wild Cattle Cutting | 16.1 |

| | |
|------------------------------------|------|
| Boyne Island Cutting | 16.3 |
| Boyne Island Extension Channel | 9.0 |
| * Golding Cutting | 16.1 |
| South Bypass Channel | 7.4 |
| * Gatcombe Channel | 16.3 |
| Gatcombe Bypass Channel | 13.4 |
| Inner Channels: | |
| Auckland Channel | 15.8 |
| Auckland Bypass Channel | 6.8 |
| Clinton Channel | 16.0 |
| Clinton Bypass Channel | 10.6 |
| Clinton Swing Basin | 10.9 |
| Targinie Channel | 10.6 |
| Targinie Swing Basin East | 10.9 |
| Targinie Swing Basin West | 8.9 |
| Berths: | |
| Boyne Smelter Wharf | 15.0 |
| South Trees East Wharf | 13.8 |
| South Trees West Wharf | 13.0 |
| Barney Point Wharf (east approach) | 13.5 |
| Barney Point Wharf (west approach) | 11.5 |
| Barney Point Wharf | 15.0 |
| Auckland Point No 1 Wharf | 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 revised entry.

Chart temporarily affected - Aus 244 - Aus 245 - Aus 246 - AU424151 - AU5244X5

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 - AU421149

327(T)/2010 AUSTRALIA - QUEENSLAND - Cairns - Depth information
Former Notice - 511(T)/2009 is cancelled
Maritime Safety Queensland Notice 239(T)/2010 (AA461277)

Available depths as of 19 March 2010:

| | <i>Metres</i> | <i>Remarks</i> |
|-------------------------|---------------|-----------------------------------|
| Entrance Channel | 8.3 | |
| Crystal Swing Basin at: | | |
| * 360 metre diameter | 7.4 | |
| * 380 metre diameter | 6.8 | |
| Swing Basin at: | | |
| 310 metre diameter | 8.7 | |
| * 320 metre diameter | 8.0 | |
| Marlin Marina | 3.3 | |
| Berths: | | |
| * No 1 | 8.5 | |
| No 2 | 8.5 | |
| No 3 | 8.4 | |
| No 4 | 8.4 | |
| * No 5 | 7.1 | |
| * No 6 | 7.1 | between 500 metres and 550 metres |
| * No 6 | 7.4 | between 550 metres and 600 metres |
| * No 7 | 10.0 | |
| * No 8 | 10.1 | |
| 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 – AX 63262 - AU417145 - AU5262X4

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 - AU421148

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 - AU421148

384(T)/2010 AUSTRALIA - QUEENSLAND - Whitehaven Bay - Lagoon Rock - Light beacon destroyed

Maritime Safety Queensland Notice 286(T)/2010 (AA463856)

The west cardinal light beacon (20° 16'.03 S 149° 02'.48 E) has been destroyed.

Chart temporarily affected - Aus 252 - Aus 253 - Aus 824 - Aus 825 - AU421149

387(T)/2010 AUSTRALIA - QUEENSLAND - Mourilyan - Hall Rock - Light beacon unlit

Maritime Safety Queensland Notice 298(T)/2010 (AA463594)

The north cardinal light beacon (17° 36'.05 S 146° 07'.96 E) is unlit; a north cardinal light buoy, Q, exists in position 17° 36'.05 S 146° 07'.96 E.

Chart temporarily affected - Aus 258 - Aus 829 - AU418146 - AU5258P1

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 - AU410143

391(T)/2010 AUSTRALIA - QUEENSLAND - Weipa - Depth information

Former Notice - 1327(T)/2009 is cancelled

Maritime Safety Queensland Notice 318(T)/2010 (AA464505)

Available depths as at 6 April 2010:

| | <i>Metres</i> |
|---------------------------|---------------|
| * Weipa Approaches | 11.1 |
| South Channel | 11.1 |
| * Departure Channel | 10.8 |
| 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 - AU5XX4P1

436(T)/2010 AUSTRALIA - QUEENSLAND - Henderson Rock - Wreck

Maritime Safety Queensland Notice 342/2010 (AA466123)

A wreck exists in position 27° 07'.57 S 153° 28'.36 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - Aus 364 - Aus 814 - AU428153

444(T)/2010 AUSTRALIA - QUEENSLAND - Laguna Quays - Lights unlit; light beacons damaged
Maritime Safety Queensland Notice 341(T)/2010 (AA466151)

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 - AU5252P1

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 - AU421148

505(T)/2010 AUSTRALIA - QUEENSLAND - Arkwright Point - Scientific instrument
Former Notice - 1187(T)/2009 is cancelled
Maritime Safety Queensland Notice 391(T)/2010 (AA468618)

A special light buoy, *Fl(5)Y.20s*, exists in position 26° 33'.88 S 153° 10'.88 E (WGS84 datum).

Mariners are not to use the buoy as a mooring.

Chart temporarily affected - Aus 365 - AU427153

560(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Whyte Island - Harbour works
Date - Until 31 January 2011
Maritime Safety Queensland Notice 429(T)/2010 (AA470851)

Works are in progress at the western side of the bridge (27° 24'.03 S 153° 09'.89 E).

Temporary construction platforms have been established extending from the shore on both sides of Boat Passage and all hazards to navigation will be marked by flashing yellow lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - Aus 237 - AU428153 - AU5237X8

561(T)/2010 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Inner Reach - Light beacon damaged
Maritime Safety Queensland Notice 420(T)/2010 (AA470862)

No19 light beacon (24° 45'.60 S 152° 23'.05 E) has been damaged and is unlit.

Chart temporarily affected - Aus 242 - AU5XX242

609(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Quarries Reach to Parker Island Reach - Harbour works
Former Notice - 437(T)/2010 is cancelled
Date - Until 30 November 2010
Maritime Safety Queensland Notice 190(T)/2007, 296(T)/2007, 212(T)/2010, 349(T)/2010, 460(T)/2010, 467(T)/2010 (AA237697, AA243715, AA366844, AA243714, AA459560, AA466499, AA472561, AA472835)

Harbour works are in progress for the Gateway Bridge development.

A silt curtain and temporary causeway exist from the northern bank of the river to position 27° 26'.62 S 153° 06'.01 E and a silt curtain marked by flashing lights exists from the northern bank of the river to position 27° 26'.65 S 153° 06'.12 E. The offshore end is marked by special light buoy. Another two silt curtains exist from the southern bank of the river to positions 27° 26'.77 S 153° 06'.03 E and 27° 26'.72 S 153° 06'.15 E. The offshore ends are marked by special light buoys.

A 6 knot no wash speed limit zone marked by special light buoys exists between:
27° 26'.67 S 153° 05'.74 E

27° 26'.45 S 153° 06'.39 E
27° 26'.60 S 153° 06'.50 E
27° 26'.66 S 153° 06'.50 E
27° 26'.89 S 153° 05'.87 E
27° 26'.67 S 153° 05'.74 E

Special light buoys, *Fl.Y.2-5s*, exist in positions:

27° 26'.74 S 153° 05'.79 E
27° 26'.52 S 153° 06'.44 E
27° 26'.60 S 153° 06'.50 E
27° 26'.83 S 153° 05'.83 E

Barge *Westpark Dredger* and MT *Susan* are onsite for the construction of a rock wall embankment in the vicinity of position 27° 26'.78 S 153° 06'.09 E. The vessels will display appropriate lights and shapes and will monitor VHF Ch 14.

During construction a 3 metre reduction in vertical clearance will exist, with 54 metres in the centre and 50 metres at the edge of the cutting.

Mariners with an aircraft of over 45 metres are required to obtain written permission from the Manager Vessel Traffic Management at Brisbane Port Control on 07 33051700 prior to proceeding under the Gateway Bridges.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238 - AU5237X8

610(T)/2010 AUSTRALIA - QUEENSLAND - Bundaberg - Long Reach - Cable ferry operations

Date - Until 15 December 2010

Maritime Safety Queensland Notice 446(T)/2010 (AA472442)

A cable ferry is operating in position 24° 47'.77 S 152° 22'.95 E. The ferry will exhibit the lights and shapes, including warning signals, as described by the International Regulations for the Prevention of Collisions at Sea, which also include:

While the ferry is underway, it will exhibit the lights and shapes for a vessel restricted in its ability to manoeuvre.

While the ferry is alongside either landing, it will exhibit the lights and shapes for an anchored vessel. During this mode river traffic may proceed past the ferry crossing.

By night the ferry will exhibit four white lights, positioned to illuminate the towing cables.

The ferry may operate over a 24 hour period and can be contacted on VHF Ch 16.

When approaching the crossing, vessels should sound a warning signal of one prolonged blast.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242 - AU5XX242

613(T)/2010 AUSTRALIA - QUEENSLAND - Lisa Jane Shoals - Scientific instrument

Former Notice - 132(T)/2010 is cancelled

Maritime Safety Queensland Notice 454(T)/2010 (AA472633)

A special light buoy, *Fl(5)Y.20s*, exists in position 23° 18'.36 S 151° 04'.29 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected - Aus 247 - Aus 819 - Aus 820 - AU424151

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 - AU5270P1

673(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Scientific instrument

Former Notice - 959(T)/2009 is cancelled

Maritime Safety Queensland Notice 483(T)/2010 (AA473520)

A special light buoy, *Fl(5)Y.20s*, exists in position 23° 53'.77 S 151° 30'.21 E

Mariners are not to use this buoy as a mooring.

Chart temporarily affected - Aus 246 - Aus 819 - AU424151

712(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Obstruction

Maritime Safety Queensland Notice 537(T)/2010 (AA478558)

An obstruction marked by a special light buoy, *Fl.Y.2.5s*, exists in position 27° 12'.24 S 153° 05'.57 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - AU428153

714(T)/2010 AUSTRALIA - QUEENSLAND - Hay Point - Depth information

Former Notice - 965(T)/2009 is cancelled

Maritime Safety Queensland Notice 545/2010 (AA477772)

Available depths as at 25 June 2010:

| | <i>Metres</i> |
|-------------------|---------------|
| * HPS Berth No 1 | 16.2 |
| * HPS Berth No 2 | 16.3 |
| * DBCT Berth No 1 | 17.8 |
| * DBCT Berth No 2 | 17.8 |
| DBCT Berth No 3 | 18.7 |
| * DBCT Berth No 4 | 18.4 |

* Indicates revised entry.

Chart temporarily affected - Aus 249 - Aus 250 - AU5250P2

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 - AU320149

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 - AU320147

718(T)/2010 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Light buoy established

Maritime Safety Queensland Notice 540(T)/2010 (AA476736)

A port lateral light buoy, *Fl.R.2.5s*, exists in position 19° 15'.81 S 146° 50'.46 E.

Chart temporarily affected - Aus 256 - Aus 257 - AU5XX257

760(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Fishermans Landing to Curtis Island - Pipeline
Maritime Safety Queensland Notices 527(T)/2010; 578(T)/2010 (AA475784, AA481478)

A submarine pipeline, marked by unlit orange buoys and lit special buoys, exists between;

23° 47'.15 S 151° 10'.18 E
23° 46'.92 S 151° 10'.44 E
23° 46'.80 S 151° 11'.14 E
23° 46'.83 S 151° 11'.24 E
23° 46'.91 S 151° 11'.89 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245 - AU5244X5

762(T)/2010 AUSTRALIA - QUEENSLAND - Mackay - Depth information

Former Notice - 715(T)/2010 is cancelled

Maritime Safety Queensland Notice 583(T)/2010 (AA480089)

Available depths as at 7 July 2010:

| <i>Remarks</i> | <i>Metres</i> |
|---------------------------------|---------------|
| Entrance Transit (Eastern Bank) | 8.6 |
| Entrance Channel | 9.0 |
| Swing Basin (Inwards) | 8.5 |
| Swing Basin (Outwards) | 8.6 |
| * Berth No 1 | 10.6 |
| Berth No 3 | 12.3 |
| Berth No 4 | 10.0 |
| Berth No 5 | 12.0 |

* Indicates revised entry.

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

Chart temporarily affected - Aus 250 - AU5250P1

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 - AU421148 - AU5253P1

766(T)/2010 AUSTRALIA - QUEENSLAND - Karumba - Depth information

Former Notice - 679(T)/2010 is cancelled

Maritime Safety Queensland Notice 599(T)/2010 (AA481554)

Available depths as at 11 June 2010:

| <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

803(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Cabbage Tree Head - Shoaling

Maritime Safety Queensland Notice 622(T)/2010 (AA482925)

Shoaling exists in the entrance channel to Cabbage Tree Creek (27° 19'.69 S 153° 05'.50 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - AU428153

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 - AU424151

806(T)/2010 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information
Former Notice - 764(T)/2010 is cancelled
Maritime Safety Queensland Notice 623(T)/2010 (AA482921)

Available depths as at 26 July 2010:

| | <i>Metres</i> |
|-------------------|---------------|
| Departure Channel | 9.6 |
| Inner Channel | 9.6 |
| * Swing Basin | 6.6 |
| * Sugar Berth | 10.1 |

* Indicates revised entry.

Shoaling for a distance of 200m to seaward of the berth pocket can develop over time.

Chart temporarily affected - Aus 258 - AU5258P1

807(T)/2010 AUSTRALIA - QUEENSLAND - Mourilyan - Light buoys repositioned
Maritime Safety Queensland Notice 616(T)/2010 (AA482662)

The light buoys have been repositioned as follows:

| <i>Chartered position</i> | <i>Current position</i> |
|----------------------------|-----------------------------|
| 17° 36'.11 S 146° 07'.30 E | 17° 36'.11 S 146° 07'.31 E |
| 17° 36'.16 S 146° 07'.38 E | 17° 36'.14 S 146° 07'.41 E |
| 17° 36'.17 S 146° 07'.49 E | 17° 36'.13 S 146° 07'.51 E. |

Chart temporarily affected - Aus 258 - AU5258P1

848(T)/2010 AUSTRALIA - QUEENSLAND - Point Danger to Point Lookout - Scientific instruments
Former Notice - 664(T)/2010 is cancelled
Maritime Safety Queensland Notice 676(T)/2010 (AA485531)

Special light buoys, *Fl(5)Y.20s*, exist in positions (WGS84 datum):

| |
|-----------------------------|
| 28° 10'.82 S 153° 34'.58 E |
| 27° 58'.01 S 153° 26'.52 E |
| 27° 29'.49 S 153° 37'.84 E. |

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 230 - Aus 813 - Aus 814

851(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - North Banks - Scientific instrument
Maritime Safety Queensland Notice 657(T)/2010 (AA484735)

A special light buoy, *Fl(5)Y.20s*, exists in position 26° 54'.02 S 153° 16'.94 E.

Mariners are not to use the buoy as a mooring.

Chart temporarily affected - Aus 235

853(T)/2010 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Harbour works
Date - Until 28 December 2010
Maritime Safety Queensland Notice 664(T)/2010 (AA484722)

Works associated with the demolition and reconstruction of the boat ramp (23° 09'.83 S 150° 47'.33 E) is in progress. The boat ramp is closed until further notice.

Chart temporarily affected - Aus 247 - AU5247P2

855(T)/2010 AUSTRALIA - QUEENSLAND - Hay Point to Bailey Islet - Scientific instruments

Former Notice - 176(T)/2010 is cancelled

Maritime Safety Queensland Notice 676(T)/2010 (AA485531)

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

21° 16'.30 S 149° 18'.58 E

21° 02'.37 S 149° 32'.75 E.

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 249 - Aus 250 - Aus 823 - Aus 824 – AX 0249E – AX 0823E

922(T)/2010 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Shoaling

Maritime Safety Queensland Notice 710(T)/2010 (AA489835)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

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

932(T)/2010 AUSTRALIA - QUEENSLAND - Weipa - Mission River - Harbour works

Date - Until 10 December 2010

Maritime Safety Queensland Notice 681(T)/2010 (AA489858)

Harbour works and diving operations are in progress for the Mission River Bridge (12° 35'.85 S 141° 53'.65 E). Barge *PMG 1* and MV *Lisa Lee* are onsite and will display appropriate lights and shapes. The barge has deployed anchors marked by six white light buoys.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 4 - Aus 701 - AU413141

963(T)/2010 AUSTRALIA - QUEENSLAND - Southport - Dredging operations

Former Notice - 849(T)/2010 is cancelled

Date - Until 31 March 2011

Maritime Safety Queensland Notice 662(T)/2010, 776(T)/2010 (AA484802, AA493415)

The dredge *Port Frederick* and *Faucon* are conducting dredging operations in the West Crab Island Channel (27° 54'.2 S 153° 24'.5 E).

The dredge will transport the spoil close to shore off South Stradbroke Island and Surfers Paradise.

The dredges will monitor VHF Ch 16 and Ch 67.

The west cardinal light beacon (27° 54'.89 S 153° 24'.71 E) has been removed and a west cardinal light buoy, *Q(9)15s*, has been established in position 27° 54'.90 S 153° 24'.73 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

965(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Shoaling

Maritime Safety Queensland Notice 760(T)/2010 (AA493156)

Shoaling, with least depth 8.4m, exists in the vicinity of 27° 26'.74 S 153° 06'.15 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238 - AU5237X8

966(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Bridge construction

Former Notice - 380(T)/2009 is cancelled

Date - Until 30 June 2011

Maritime Safety Queensland Notice 171(T)/2008, 164(T)/2009, 166(T)/2009, 756(T)/2010 (AA323151, AA395818, AA396377, AA492668)

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> |

Piles marked by flashing yellow lights exist adjacent to the channel in position 27° 15'.82 S 153° 04'.70 E.

Mariners should navigate with caution in the area.

Chart temporarily affected - Aus 236

968(T)/2010 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information

Former Notice - 852(T)/2010 is cancelled

Maritime Safety Queensland Notice 739(T)/2010 (AA491147)

Available depths as at 27 August 2010:

| | <i>Metres</i> |
|--------------|---------------|
| Sea Reach | 9.4 |
| Middle Reach | 9.0 |
| Inner Reach | 9.0 |
| Swing Basin | 7.4 |
| Oil Berth | 8.6 |
| * BST Berth | 10.0 |

The deep draught departure channel from the BST berth to Middle Reach has a depth of 9.0m.

* Indicates revised entry.

Chart temporarily affected - Aus 242 - Aus 243

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

1012(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Fisherman Islands - Lights established

Maritime Safety Queensland Notice 803(T)/2010 (AA495045)

Lights are being established at 50m intervals along the sea wall between positions 27° 20'.91 S 153° 11'.26 E and 27° 21'.70 S 153° 11'.71 E.

During the establishment and testing process, the flashing interval and intensity of the lights will be varied.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - Aus 237 - AU428153 - AU5237X8

1018(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island - Scientific instruments

Former Notice - 612(T)/2010 is cancelled

Date - Until 20 December 2010

Maritime Safety Queensland Notice 800(T)/2010 (AA494978)

Subsurface scientific instruments exist in positions 23° 46'.02 S 151° 10'.44 E and 23° 45'.69 S 151° 10'.71 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 245 - Aus 819 - AU424151 - AU5244X5

1068(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer

Former Notice - 802(T)/2010 is cancelled

Date - Until 1 December 2010

Maritime Safety Queensland Notice 853(T)/2010 (AA497016)

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 - AU130060 - AU428153

1071(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly - Harbour works

Date - Until 30 November 2010

Maritime Safety Queensland Notice 830(T)/2010 (AA496815)

Works associated with the construction of a berth are in progress (27° 27'.12 S 153° 11'.47 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - AU5237X8

1073(T)/2010 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling

Former Notices - 438(T)/2010, 757(T)/2010 are cancelled

Maritime Safety Queensland Notice 859(T)/2010 (AA497297)

Shoaling, with a least depth of 3.1m (LAT), exists within the entrance and approach channel to Mooloolah River.

Shoaling with a least depth of 2.1m exists between light beacon No1 (26° 40'.81 S 153° 07'.94 E) and No3 (26° 40'.86 S 153° 08'.01 E), along the starboard side of the channel.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

1078(T)/2010 AUSTRALIA - QUEENSLAND - Hay Point - Dredging operations; mooring buoys

Former Notice - 926(T)/2010 is cancelled

Date - Until 30 November 2010

Maritime Safety Queensland Notices 455(T)/2010, 632(T)/2010, 709/2010, 854(T)/2010 (AA472440, AA483487, AA489856, AA497011)

Dredge *Hippopotes*, barges *Murray River* and *Yarra River*, MT *Black Panther* and support vessels are conducting dredging operations in the area to the south of DBCT berth No1 (21° 15'.00 S 149° 18'.36 E).

The tug will be towing the barges to the spoil ground (21° 11'.53 S 149° 18'.50 E).

Mooring buoys exist as follows:

| <i>Position</i> | <i>Remarks</i> |
|----------------------------|----------------|
| 21° 16'.04 S 149° 18'.76 E | unlit |
| 21° 16'.19 S 149° 18'.86 E | unlit |
| 21° 16'.13 S 149° 18'.67 E | unlit |
| 21° 20'.65 S 149° 23'.20 E | lit, Fl. Y.5s |
| 21° 20'.85 S 149° 23'.18 E | lit, Fl. Y.5s |
| 21° 21'.11 S 149° 23'.39 E | lit, Fl. Y.5s. |

All vessels will monitor VHF Ch 14 and 16 and display appropriate lights and signals.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 249 - Aus 250 - AX 0249E - AU422149 - AU5250P2

1079(T)/2010 AUSTRALIA - QUEENSLAND - Townsville - Depth information

Former Notice - 678(T)/2010 is cancelled

Maritime Safety Queensland Notice 840(T)/2010 (AA496777)

Available depths as at 29 September 2010:

| | <i>Metres</i> | <i>Remarks</i> |
|------------------------|---------------|---|
| Sea Channel | 11.8 | |
| Platypus Channel | 11.5 | |
| <i>Outer Harbour:</i> | | |
| * Arrival Channel | 7.5 | |
| * Departure Channel | 11.4 | |
| <i>Inner Harbour:</i> | | |
| Harbour | 11.9 | |
| <i>Berths:</i> | | |
| No 1 | 12.0 | |
| No 2 | 12.1 | |
| * No 3 | 11.9 | |
| * No 4 | 10.4 | |
| * No 7 | 10.9 | |
| * No 8 | 9.3 | |
| * No 9 | 11.9 | |
| * No 10 | 9.7 | From 10m mark to seaward dolphin |
| | 9.0 | From Ro-Ro ramp to 10m mark |
| * No 11 | 11.4 | |
| Between No 7 and No 8 | 10.3 | Seaward of zero mark at No 7 |
| Between No 9 and No 10 | 10.6 | Seaward of zero mark at No 10 |
| * Ross River Channel | - | No declared depth |
| Ross Creek | - | No declared depth, dredging in progress |

* Indicates revised entry.

Chart temporarily affected - Aus 256 - Aus 257

1080(T)/2010 AUSTRALIA - QUEENSLAND - Townsville - Scientific instruments

Date - Until 30 June 2011

Maritime Safety Queensland Notices 838(T)/2010, 843(T)/2010 (AA496798, AA496782)

Scientific instruments exist as follows:

| <i>Position</i> | <i>Remarks</i> |
|----------------------------|------------------------------|
| 19° 14'.68 S 146° 51'.42 E | lit buoy, <i>Fl. Y.5s</i> |
| 19° 14'.69 S 146° 51'.41 E | lit buoy, <i>Fl. Y.5s</i> |
| 19° 16'.07 S 146° 50'.26 E | lit beacon, <i>Fl. Y.5s.</i> |

Chart temporarily affected - Aus 256 - Aus 257

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

1123(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works

Date - Until 28 February 2011

Maritime Safety Queensland Notice 899(T)/2010 (AA498767)

Works associated with the construction of berth 11 are in progress (27° 21'.63 S 153° 10'.70 E).

The barge *Maeve Anne* is conducting piling operations and has deployed two anchors. The down stream anchor will be marked by a special light buoy. The barge will display appropriate lights and shapes.

Information on the status of the barge and moorings can be obtained from Brisbane harbour on VHF Ch 12 or (07) 3305 1700.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237

1124(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Light beacon destroyed

Maritime Safety Queensland Notice 893(T)/2010 (AA498766)

No4 light beacon (27° 09'.03 S 153° 03'.26 E) has been destroyed; a port lateral light buoy, *Fl.R.3s*, exists in situ.

Chart temporarily affected - Aus 236

1125(T)/2010 AUSTRALIA - QUEENSLAND - Great Sandy Strait - North Head - Harbour works

Date - Until 20 December 2010

Maritime Safety Queensland Notice 869(T)/2010 (AA498025)

Harbour works associated with the redevelopment of the boat ramp (25° 25'.80S 152° 55'.47 E) are in progress.

Mariners are advised that during the works the ramp will not be available for access and to use the southern ramp.

Chart temporarily affected - Aus 241

1126(T)/2010 AUSTRALIA - QUEENSLAND - Round Hill Head - Buoy off station

Maritime Safety Queensland Notice 890(T)/2010 (AA499249)

The starboard lateral buoy (24° 09'.03 S 151° 53'.00 E) is off station.

Chart temporarily affected - Aus 818 - AU425151

1128(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations

Former Notice - 1074(T)/2010 is cancelled

Date - Until 18 January 2011

Maritime Safety Queensland Notice 844(T)/2010 (AA496792)

The dredge, *Wombat*, is conducting dredging operations in the areas bounded by the following positions:

23° 46'.79 S 151° 11'.99 E

23° 46'.92 S 151° 11'.98 E

23° 46'.92 S 151° 11'.91 E

23° 46'.75 S 151° 11'.93 E

and

23° 49'.25 S 151° 14'.37 E

23° 49'.40 S 151° 14'.49 E

23° 49'.41 S 151° 14'.44 E

23° 49'.36 S 151° 14'.38 E.

The dredge will monitor VHF Ch 14 and Ch 16 and display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245

1129(T)/2010 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Former Notice - 1077(T)/2010 is cancelled

Date - Until 25 November 2010

Maritime Safety Queensland Notice 887(T)/2010 (AA498782)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 26 September to 21 October 2010 and 2 November to 14 November 2010 within Marine Danger Area 1 and 26 September to 24 November 2010 within Marine Danger Area 2.

A marine danger area extends to all internal waters bounded by the following positions (WGS84 datum):

Marine Danger Area 1

22° 21'.20 S 150° 10'.52 E

22° 20'.35 S 150° 12'.00 E
22° 16'.94 S 150° 12'.07 E
22° 14'.92 S 150° 20'.06 E
22° 14'.76 S 150° 20'.31 E
22° 09'.00 S 150° 25'.00 E
22° 09'.00 S 150° 37'.00 E
22° 14'.38 S 150° 37'.00 E
22° 19'.92 S 150° 45'.05 E
22° 29'.13 S 150° 49'.71 E
22° 31'.09 S 150° 43'.53 E
22° 18'.98 S 150° 35'.98 E
22° 21'.20 S 150° 10'.52 E.

Marine Danger Area 2

22° 21'.20 S 150° 10'.52 E
22° 18'.98 S 150° 35'.98 E
22° 31'.09 S 150° 43'.53 E
22° 40'.00 S 150° 38'.00 E
22° 21'.20 S 150° 10'.52 E.

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

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

Chart temporarily affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 820 - Aus 822 - AX 0260E - AX 0367E - AX 0820E - AX 0822E - AX 60260 - AX 67248 - AX 67261 - AU423150 - AU5261P1 - AU5261P2 - AU5XX248

1132(T)/2010 AUSTRALIA - QUEENSLAND - Bird Island to Groper Point - Nav aids

Former Notice - 325(T)/2010 is cancelled

Maritime Safety Queensland Notice 894(T)/2010 (AA498765)

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), has been destroyed.

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

1138(T)/2010 AUSTRALIA - QUEENSLAND - Cleveland Bay - Scientific instruments

Date - Until 7 January 2011

Maritime Safety Queensland Notice 889(T)/2010 (AA498779)

Subsurface scientific instruments exist in positions 19° 08'.29 S 146° 53'.14 E and 19° 09'.03 S 146° 58'.26 E.

Mariners are advised not to navigate within an 1850m radius of each instrument.

Chart temporarily affected - Aus 256 - Aus 827

1139(T)/2010 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Dredging operations

Date - Until 30 June 2011

Maritime Safety Queensland Notice 898(T)/2010 (AA498774)

The dredge *Nu Endeavour* is conducting dredging operations in the Ross River Channel (19° 15'.83 S 146° 50'.43 E).

A floating pipeline marked by flashing lights exists in the area and light buoys, Fl.Y.5s, mark the submerged section of the pipeline.

The dredge can be contacted on VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 257

1183(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Pelican Banks - Wreck; light buoy established

Former Notice - 374(T)/2010 is cancelled

Maritime Safety Queensland Notice 940(T)/2010 (AA500783)

A stranded wreck exists in position 27° 34'.59 S 153° 24'.24 E; a port lateral light buoy, *Fl.R.2.5s*, exists in position 27° 34'.57 S 153° 24'.27 E.

Chart temporarily affected - Aus 236

1186(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - South Passage Island to Kangaroo Island - Scientific instruments

Date - Until 30 November 2010

Maritime Safety Queensland Notice 939(T)/2010 (AA500782)

Subsurface scientific instruments exist in positions:

23° 47'.24 S 151° 12'.06 E

23° 45'.85 S 151° 10'.84 E

23° 44'.80 S 151° 09'.72 E.

Chart temporarily affected - Aus 245 - Aus 819 - AU424151 - AU5244X5

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

1190(T)/2010 AUSTRALIA - QUEENSLAND - Whitsundays - Spitfire Rock - Light beacon destroyed; light buoy established

Former Notice - 383(T)/2010 is cancelled

Maritime Safety Queensland Notice 930(T)/2010 (AA500617)

The west cardinal light beacon (20° 28'.59 S 149° 01'.70 E) has been destroyed; a west cardinal light buoy, *Q(9)15s*, exists in situ.

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

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

Former Notice - 329(T)/2009 is cancelled

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

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

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

1192(T)/2010 AUSTRALIA - QUEENSLAND - Whitsunday Island - Whitehaven Beach - Light beacon destroyed; light buoy established

Former Notice - 323(T)/2010 is cancelled
Maritime Safety Queensland Notice 933(T)/2010 (AA500602)

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

Chart temporarily affected - Aus 252 - Aus 253

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

Former Notice - 446(T)/2010 is cancelled
Maritime Safety Queensland Notice 927(T)/2010 (AA500700)

The port lateral light beacon (20° 17'.45 S 148° 54'.71 E) has been destroyed; a port lateral light buoy, *Fl.R.2.5s*, exists in situ.

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

1194(T)/2010 AUSTRALIA - QUEENSLAND - Macona Inlet - Light beacon destroyed; light buoy established

Former Notice - 1131(T)/2010 is cancelled
Maritime Safety Queensland Notice 923(T)/2010 (AA500702)

The starboard lateral light beacon (20° 10'.29 S 148° 55'.10 E) has been destroyed; a starboard lateral light buoy, *Fl.G.2.5s*, exists in situ.

Chart temporarily affected - Aus 252

1195(T)/2010 AUSTRALIA - QUEENSLAND - Hook Island - Nara Inlet - Light beacon destroyed; light buoy established

Former Notice - 512(T)/2010 is cancelled
Maritime Safety Queensland Notice 924(T)/2010 (AA500701)

The light beacon (20° 09'.81 S 148° 54'.04 E) has been destroyed; a port lateral light buoy, *Fl.R.2.5s*, exists in situ.

Chart temporarily affected - Aus 252

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 259 - Aus 828

1198(T)/2010 AUSTRALIA - QUEENSLAND - Prince of Wales Channel - Herald Patches - AIS trial

Date - Until 30 June 2011
Australian Maritime Safety Authority ATH 8/2010 (AA500893, AA501167, AA501443)

A project to verify the ability of the mariner to view and effectively use AIS as an aid to navigation is underway.

An AIS unit (MMSI: 995031022) has been attached to Herald Patches light buoy (10° 30'.2 S 142° 21'.5 E (WGS84 datum)) in Torres Strait.

The AIS unit will provide information such as identity (MMSI and name), type of mark (lateral, starboard hand floating aid), positional accuracy and time of last update.

Chart temporarily affected - Aus 292 - Aus 293

1248(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information

Former Notice - 1182(T)/2010 is cancelled
Port of Brisbane Corporation (AA502881)

Available depths and under keel clearances (UKC) at 8 November 2010:

| Berth | Metres | Remarks |
|------------------------|--------|---------|
| Fisherman Islands No10 | 14.2 | |
| Fisherman Islands No9 | 14.1 | |
| Fisherman Islands No8 | 14.1 | |
| Fisherman Islands No7 | 14.1 | |
| Fisherman Islands No6 | 14.0 | |

| | |
|--------------------------------------|----------------------|
| Fisherman Islands No5 | 14.0 |
| Fisherman Islands No4 | 14.0 |
| Fisherman Islands No3 | 14.0 |
| Fisherman Islands No2 | 14.1 |
| * Fisherman Islands No1 | 14.0 |
| Fisherman Islands Grain and Woodchip | 13.1 |
| * Caltex Fisherman Islands | 14.1 |
| BP Luggage Point | 14.3 |
| Fisherman Islands Coal | 13.5 |
| Fisherman Islands General Purpose | 11.6 |
| Caltex Products | 10.0 |
| * Cement Australia Co Wharf | 9.7 |
| BP Products | 10.9 |
| Shell | 11.1 |
| Pacific Terminals | 10.2 |
| Incitec North | 10.2 |
| Incitec South | 10.3 |
| Pinkenba 1 | 10.5 |
| Pinkenba 2 | 10.5 |
| Riverside Marina | 5.0 |
| Sugar Terminal | 9.7 |
| Cairncross Fitting Out Wharf | 6.6 |
| Cairncross Breasting Wharf | 6.5 |
| * Brisbane Naval Wharf | 4.8 |
| Maritime No3 | 6.5 (not maintained) |
| * Maritime No2 | 9.9 |
| Maritime No1 | 9.2 |
| Hamilton No4 | 10.3 |
| Hamilton No1 | 9.3 |
| Brisbane Cruise Ship Terminal | 9.3 |

| | 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 | 15.0 | 1.5 (600m width) |
| East Knoll Bypass Channel | 6.9 | 1.4 |
| East Channel | 15.0 | 1.5 (300m width from western side) |
| Main Channel (M8 - M9) | 10.0 | 1.8 |
| Entrance Channel (E5 – EBCN) | 14.7 | 1.5 |

| | | |
|---------------------------------------|------|-----------|
| <i>Brisbane River :</i> | | |
| Entrance Beacons and Bar Cutting | 14.0 | 1.46 |
| Fisherman Islands Swing Basin | 14.0 | 1.3 |
| Pelican Banks Reach to Hamilton Reach | 9.1 | 0.6 - 0.9 |

*Indicates new or revised entry.

Chart temporarily affected – Aus 235 – Aus 236 – Aus 237 – Aus 238

1252(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Shoaling

Former Notice - 774(T)/2007 is cancelled

Maritime Safety Queensland Notice 962(T)/2010 (AA502878)

Shoaling with a least depth of *1.7m* (LAT) exists within the 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 *0.8m* exists within the internal channel, approaching the eastern boat ramp.

Shoaling with a least depth of *2.2m* exists within the entrance channel, between beacon No7 and harbour breakwaters. Lesser depths exist close to the toe lines.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236

1257(T)/2010 AUSTRALIA - QUEENSLAND - Laird Point - Scientific instrument

Date - Until 21 February 2011

Maritime Safety Queensland Notice 975(T)/2010 (AA502495)

A special light beacon, *Fl.Y.2-5s*, exists in position 23° 44'.56 S 151° 10'.54 E.

Chart temporarily affected – Aus 819

1258(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point - Harbour works

Date - Until 31 March 2011

Maritime Safety Queensland Notice 981(T)/2010 (AA503520)

The barge *Yarra 1* is conducting piling operations in the 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 barge has deployed 4 anchors marked by light buoys.

The barge 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

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

(126)

(139)

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.

476(T)/2006 AUSTRALIA - TIMOR SEA - Sahul Banks - Bayu-Undan - Scientific instruments.

*Former Notice - 840(T)/2005 is cancelled
MetOcean (A192369).*

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

11° 04'.61 S 126° 35'.40 E
11° 04'.95 S 126° 35'.90 E

Chart temporarily affected - Aus 312.

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

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

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

Chart temporarily affected - Aus 312 - AX 0312F - AX 4721F - Aus 4721(INT 721) - AU311126

568(T)/2010 AUSTRALIA - NORTHERN TERRITORY - Darwin - Fort Point - Harbour works

*Date - Until 31 August 2010
Dampier Port Authority (AA470419)*

Works associated with the demolition of the Iron Ore Wharf (12° 28'.35 S 130° 50'.58 E) are in progress.

Special light buoys exist in positions 12° 28'.35 S 130° 50'.50 E and 12° 28'.40 S 130° 50'.65 E which mark an exclusion zone.

Chart temporarily affected - Aus 24 - Aus 26 - Aus 28 - AX 72026 - AU5XXX24

767(T)/2010 AUSTRALIA - NORTHERN TERRITORY - Darwin - Depth information

*Former Notice - 662(T)/2007 is cancelled
Darwin Port Corporation (AA481535)*

Available depths as at 15 July 2010:

| <i>Berths</i> | <i>Metres</i> |
|-----------------------|---------------|
| * East Arm 0-100m | 11.7 |
| * East Arm 100-200m | 12.5 |
| * East Arm 200-300m | 12.5 |
| * East Arm 300-400m | 12.2 |
| * East Arm 400-500m | 12.4 |
| * East Arm 500-600m | 13.2 |
| * East Arm 600-700m | 11.8 |
| * Bulk Solids Wharf | 12.2 |
| * Bulk Liquids Wharf | 11.5 |
| * No 2 Fort Hill East | 11.2 |
| * No 2 Fort Hill West | 10.5 |

| | |
|---------------------------|------------------------------|
| * No 3 Stokes Hill East | 4.7 |
| * No 3 Stokes Hill West | 5.0 |
| * No 4 Stokes Hill East | 1.9 |
| * No 4 Stokes Hill Middle | -0.2 |
| * No 4 Stokes Hill West | 3.4 |
| * Fishermans Wharf East | 2.1 |
| * Fishermans Wharf West | 0.7 |
| * DLNG | 13.1 (12.1 in Turning Basin) |
| * LNG 1-2 | 10.8 |
| * Perkins VBPS | -0.7 |

* Indicates new or revised entry.

Chart temporarily affected - Aus 24 - Aus 27 - Aus 28 - AU5XXX24

(5)
(144)

WESTERN AUSTRALIA

800(P)/2005 INDIAN OCEAN - Cocos Islands - Light beacon.

Date – On or about 30 June 2006

Former Notice - 641(P)/2004 is cancelled

CI Ports (A157789).

A light beacon, the front lead for the amended shipping entrance leading line 194.3°, will be established in position 12° 06'.328 S 96° 51'.789 E.

A special spar light buoy, /so. Y. 2s, exists in situ.

Chart which will be affected - Aus 607.

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

470(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Rous Head - Obstruction; submarine pipeline; light buoys

Former Notice - 175(T)/2007 is cancelled

Fremantle Ports Notice 5/2008 (AA329704, AA329863)

A subsurface power generating structure exists within an exclusion zone marked by cardinal pillar light buoys with topmarks in positions:

| <i>Position (WGS84 datum)</i> | <i>Remarks</i> |
|-------------------------------|------------------------------|
| 32° 02'.72 S 115° 43'.73 E | north cardinal Q |
| 32° 02'.83 S 115° 43'.73 E | south cardinal Q(6)+LFl. 15s |
| 32° 02'.77 S 115° 43'.79 E | east cardinal Q(3)10s |
| 32° 02'.77 S 115° 43'.67 E | west cardinal Q(9)15s |

A special spherical light buoy, Q(5)Y.20s, exists in position 32° 02'.76 S 115° 43'.72 E.

A submerged pipeline connects the structure to the shore in position 32° 02'.76 S 115° 43'.92 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 112 - Aus 113 – AX 63112

764(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Emu Point - Light

Albany Port Authority (AA348244)

The light (34° 59'.95 S 117° 56'.75 E (WGS84 datum)) is temporarily altered to *F.Bu.*

Chart temporarily affected - Aus 110 - Aus 118 - Aus 759

946(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Depth information
Geraldton Port Authority (AA358403, AA358405)

Available depths as at 27 September 2007:

| <i>Berth</i> | <i>Metres</i> |
|---|---------------|
| No 1 | 9.8 |
| No 2 | 9.8 |
| No 3 | 12.5 |
| No 4 | 12.6 |
| No 5 | 13.3 |
| No 6 | 12.3 |
| <i>Channel</i> | |
| Harbour Basin | 12.4 |
| Inside western breakwater beacon 20 to 22 | 12.8 |
| Beacon 20 | 13.1 |
| Beacon 16 to 20 | 13.5 |
| Beacon 4 to 14 | 14.0 |
| Beacon 2 | 14.8 |

Chart temporarily affected - Aus 81

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

273(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Anchorages
Fremantle Ports Notice 1(T)/2009 (AA387280)

Anchorages with a 500 metre radius swinging circle exist as follows:

| <i>Desig</i> | <i>Position</i> |
|--------------|----------------------------|
| O1 | 31° 53'.23 S 115° 38'.91 E |
| O2 | 31° 54'.04 S 115° 39'.25 E |
| O3 | 31° 54'.49 S 115° 40'.14 E |
| O4 | 31° 55'.07 S 115° 39'.07 E |
| O5 | 31° 55'.58 S 115° 39'.88 E |
| O6 | 31° 55'.94 S 115° 38'.94 E |
| O7 | 31° 56'.44 S 115° 39'.79 E |

Chart temporarily affected – Aus 112 – Aus 754 – AX 0754E – AX 63112 – AX 66002

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 - AU434115

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 - AU332114 - AU432115 - AU433115

793(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information

Former Notice - 128(T)/2008 is cancelled

Fremantle Ports Notice 6(T)/2009 (AA414237)

Available depths as at 19 June 2009:

| <i>Berth</i> | <i>Metres</i> |
|--------------|---------------|
| No 1 | 11.0 |
| No 2 | 11.0 |
| * No 4 | 12.4 |
| No 5 | 12.4 |
| No 6 | 12.4 |
| * No 7 | 12.9 |
| * No 8 | 13.0 |
| * No 9 | 13.0 |
| * No 10 | 10.0 |
| * 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.

Note: Victoria Quay berths A and B are no longer used for commercial operations.

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

Chart temporarily affected – Aus 113 - AU5XX113

911(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Obstruction

Date - Until 31 January 2010

Port of Dampier Notice 22/2009 (AA420011)

An obstruction is marked by two special light buoys, Q, in positions:

| |
|----------------------------|
| 20° 32'.00 S 116° 44'.50 E |
| 20° 31'.51 S 116° 45'.03 E |

Chart temporarily affected – Aus 57 – Aus 58 – Aus 741

1079(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Broome - Electronic navigation aid trial

Date - Until 30 June 2010

Broome Port Authority Notice 16/2009 (AA427722, AA427723, AA427543, AA427544)

A trial of Synthetic and Virtual Aids to Navigation (AtoN) is currently being conducted within the Port of Broome. Nine AtoN have been formulated and are being transmitted by the Port of Broome AIS Base Station in accordance with the table below. Full details of the trial and requests for feedback are contained in Port of Broome local marine notice 16/2009. This local marine notice is on the Port of Broome website www.broomeport.com.

Broome Port Authority AIS Base Station located in position 18° 00'.16 S 122° 12'.55 E.

| <i>MMSI</i> | <i>Type</i> | <i>Message</i> | <i>Position (WGS84 datum)</i> | <i>Remarks</i> |
|-------------|-------------|-----------------------|-------------------------------|--|
| 995031014 | Synthetic | Escape Rocks buoy | 17° 59'.70 S 122° 09'.51 E | Established over existing Escape Rocks buoy, but buoy is not fitted with Message 6 capability. |
| 995036001 | Virtual | Nab Rock marker | 17° 59'.42 S 122° 10'.58 E | Established on dangerous contour seaward of Nab Rock. |
| 995036002 | Virtual | 130 / 210 marker | 18° 01'.22 S 122° 12'.48 E | Established in Roebuck Deep to indicate 130 entry heading aim point and 210 departure heading aim point. |
| 995036003 | Virtual | Entrance Point marker | 18° 00'.68 S 122° 12'.50 E | Established on the fringing reef at Entrance Point. |

| | | | | |
|-----------|-----------|--------------------------------|-------------------------------|--|
| 995036004 | Virtual | East Channel 010/190 marker | 18° 00'.61 S 122° 13'.02 E | Established as an aim point for entry and departure when using the channel to the east of Channel Rock beacon. |
| 995031015 | Synthetic | Channel Rock beacon | 18° 00'.59 S 122° 12'.94 E | Established over existing Channel Rock beacon, but beacon is not fitted with Message 6 capability. |
| 995031016 | Synthetic | East Cardinal buoy | 18° 00'.43 S 122° 12'.92 E | Established over existing East Cardinal buoy, but buoy is not fitted with Message 6 capability. |
| 995031017 | Synthetic | Middle Ground buoy | 18° 00'.37 S 122° 13'.26 E | Established over existing Middle Ground buoy, but buoy is not fitted with Message 6 capability. |
| 995036005 | Virtual | 030 entry marker | 18° 00'.01 S 122° 13'.22 E | Established as an aim point when transiting the channel west of Channel Rock beacon. |

Chart temporarily affected - Aus 50 - Aus 51 - Aus 324 - AU418122

1392(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Light buoy established northwestwards
BHP Billiton Petroleum Pty Ltd (AA441619)

A special cylindrical light buoy, *Fl.Y.5s*, exists in position 21° 31'.2 S 114° 09'.6 E (WGS84 datum).

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744 - AU422114

1458(T)/2009 INDIAN OCEAN - Sumatera - Scientific instruments westwards

Former Notice - 568(T)/2009 is cancelled
JAMSTEC (AA443477)

Scientific instruments, Triton buoys, exist as follows:

| <i>Number</i> | <i>Position</i> |
|---------------|--------------------------|
| 17 | 4° 56'.91 S 94° 58'.35 E |
| 18 | 1° 39'.59 S 89° 59'.69 E |
| 19 | 7° 59'.97 S 95° 02'.60 E |

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

75(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Town Point - Harbour works; exclusion zone

Date - Until 30 June 2011

Department of Transport WA Notice 99/2009 (AA447736)

Works associated with the installation of temporary intake and outfall pipelines are in progress in the following area:

| <i>Position</i> | <i>Remarks</i> |
|---------------------------|------------------|
| 20° 47'.2 S 115° 27'.7 E | |
| 20° 47'.5 S 115° 28'.3 E | lit special buoy |
| 20° 47'.7 S 115° 28'.2 E | lit special buoy |
| 20° 47'.4 S 115° 27'.5 E. | |

An exclusion zone exists within the area.

A barge and support vessels are on site and will display appropriate lights and shapes. Support vessels will monitor VHF Ch 10 and Ch 16.

Chart temporarily affected - Aus 62 - Aus 742 - AU421115

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 - AU421115

85(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Binningup - Offshore works; exclusion zone

Date - Until 13 January 2012

Department of Transport WA Notice 2/2010 (AA448304)

Works associated with the installation of submarine pipelines are in progress in the following area:

33° 07'.53 S 115° 41'.39 E (WGS84 datum)

33° 07'.52 S 115° 40'.51 E

33° 08'.07 S 115° 40'.50 E

33° 08'.08 S 115° 41'.38 E.

An exclusion zone marked by special light buoys exists within the area.

A barge and support vessels are on site and can be contacted on VHF Ch 12 and Ch 16.

Chart temporarily affected - Aus 115 - Aus 334 - Aus 335 - Aus 755 – AX 0334E – AX 0755E - AU434115

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 - AU421115

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 - AU5119P1

338(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Light beacons destroyed

Former Notice - 976(T)/2009 is cancelled

Esperance Ports Sea and Land (AA462502)

No 1 light beacon (33° 51'.87 S 121° 54'.39 E) and No 2 light beacon (33° 51'.98 S 121° 54'.45 E) have been destroyed; special light buoys, *Fl.Y.2s*, exist in situ.

Chart temporarily affected - Aus 119 - AU434121 - AU5119P1

458(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Harbour works

Date - Until 30 November 2010

CITIC Pacific Mining Management Pty Ltd (AA466897 - AA466899, AA466956)

Works associated with the construction of a new breakwater are in progress in the area bounded by the following positions (WGS84 datum):

20° 50'.20 S 116° 12'.21 E

20° 49'.09 S 116° 11'.67 E

20° 49'.44 S 116° 11'.12 E

20° 50'.37 S 116° 12'.10 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 742 - Aus 743 - AU421116

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 - AU432115 - AU433115

569(T)/2010 AUSTRALIA - TIMOR SEA - Osborn Passage - Platform; mooring buoys

Former Notice - 455(T)/2010 is cancelled

PTTEP Australasia (AA465730, AA471507)

The drill rig *West Atlas* and *Montara* exist in position 12° 40'.33 S 124° 32'.37 E; they are damaged and unlit.

Unlit mooring buoys exist in positions 12° 39'.66 S 124° 32'.44 E, 12° 40'.72 S 124° 32'.45 E and 12° 40'.11 S 124° 32'.45 E.

MT *Nor Captain* is expected to be onsite from May to June 2010 for well testing.

Construction vessel *Jascon 25* is expected onsite from June to October 2010 to remove the *West Atlas*.

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 - AU313124

571(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Mooring unlit, mooring withdrawn northeastwards

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

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

The mooring buoy (19° 35'.87 S 115° 59'.68 E) has been temporarily withdrawn.

Chart temporarily affected - Aus 327

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

Former Notice - 523(T)/2004 is cancelled

MetOcean Engineers (AA472066)

Scientific instruments exist as follows:

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

Chart temporarily affected - Aus 327

631(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Scientific instruments northwestwards

Date - Until 30 November 2010

MetOcean Engineers (AA472066)

Subsurface scientific instruments exist in the following positions (WGS84 datum):

| |
|----------------------------|
| 20° 01'.36 S 115° 11'.34 E |
| 20° 02'.98 S 115° 16'.95 E |
| 20° 05'.68 S 115° 03'.00 E |
| 20° 06'.31 S 115° 04'.56 E |
| 20° 06'.62 S 115° 06'.62 E |
| 20° 06'.85 S 115° 06'.52 E |

20° 06'.96 S 115° 06'.48 E
20° 07'.01 S 115° 06'.56 E
20° 07'.12 S 115° 06'.82 E
20° 07'.78 S 115° 08'.91 E
20° 09'.23 S 115° 12'.70 E.

Chart temporarily affected - Aus 328 - Aus 742 - AU421115

633(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Albany - Harbour works

Date - Until 30 November 2010

Department of Transport WA (AA472609 - AA472612)

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 - AU5XX109

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 - AU5XXX52

723(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredging operations

Date - Until 31 March 2011

Port Hedland Port Authority Notices 2/2010, 9/2010 (AA478122, AA478125)

The dredges *Postnik Yakovlev* and *Leonardo Da Vinci* and barges *Le Sphinx* and *L'Etoile* are conducting dredging operations in a temporary restricted area bounded by the following positions:

20° 19'.27 S 118° 34'.91 E
20° 19'.35 S 118° 34'.86 E
20° 19'.88 S 118° 35'.15 E
20° 19'.74 S 118° 35'.50 E.

The dredge *Leonardo Da Vinci* is connected to a floating pipeline which is attached to a riser in position 20° 19'.81 S 118° 35'.07 E. A submerged pipeline exists between the riser at 20° 20'.32 S 118° 35'.06 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 52 - Aus 53 - Aus 54 - AU5XXX52

773(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Parmelia Bank - Light beacon damaged

Fremantle Ports (AA480132)

No11 light beacon (32° 07'.79 S 115° 42'.12 E) has been damaged and is marked by a lit wreck buoy, *Fl. YBu.*

Chart temporarily affected - Aus 117 - AX 70117 - AU433115

815(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Exclusion zone

Date - Until 31 January 2011

Department of Transport WA Notice 75/2010 (AA483182, AA483183)

An exclusion zone, marked at each corner by special light buoys, exists within an area bounded by the following positions;

32° 09'.12 S 115° 40'.68 E
32° 09'.12 S 115° 40'.98 E

32° 09'.44 S 115° 41'.30 E
32° 09'.45 S 115° 40'.68 E.

Only authorised vessels are permitted entry.

Chart temporarily affected - Aus 117 – AX 70117 - AU433115

867(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument

Date - Until 11 August 2011

Department of Transport Notice 82/2010 (AA484721)

A scientific instrument marked by a special light buoy, *Fl(5)Y.20s*, exists in position 20° 41'.11 S 115° 21'.07 E (WGS84 datum).

Chart temporarily affected - Aus 742

869(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - North Muiron Island to Locker Island - Scientific instruments

Former Notice - 182(T)/2010 is cancelled

Date - Until 28 February 2011

MetOcean Engineers (AA485655)

Subsurface scientific instruments exist in the following positions (WGS84 datum):

21° 33'.23 S 114° 15'.25 E

21° 32'.60 S 114° 24'.10 E

21° 39'.19 S 114° 38'.65 E

21° 43'.10 S 114° 49'.39 E.

Chart temporarily affected - Aus 743 - Aus 744

871(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Rous Head - Pipeline

Fremantle Ports Notice 8(T)/2010 (AA485508)

A floating pipeline exists in the vicinity of 32° 03'.06 S 115° 43'.73 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 113 - AU5XX113

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 - AU5XXX58

937(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mistaken Island - Lights unlit

Dampier Port Authority Notice 27/2010 (AA490753)

The lights, *Fl.R.3s 3M*, in positions 20° 39'.14 S 116° 39'.69 E and 20° 39'.22 S 116° 39'.48 E (WGS84 datum) are unlit.

Chart temporarily affected - Aus 58 - Aus 59 - AU5XXX58

939(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Dredging operations

Former Notice - 142(T)/2010 is cancelled

Date - Until 30 November 2010

Department for Transport WA Notice 7/2010 (AA451310), Fremantle Ports Notices 10(T)/2010 (AA489855)

The dredges *Gateway* and *Phoenix* and support vessels *Botany Salvor* and *BKM 103* are conducting dredging operations within and around the Inner Harbour (32° 02'.80 S 115° 44'.72 E) and Deep Water Channel (31° 59'.50 S 115° 41'.55 E).

The dredge *Phoenix* has deployed anchors and mariners are not to pass within 100m of the dredge.

An air curtain exist in the in the entrance to Rous Head Harbour (32° 03'.22 S 115° 43'.69 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 112 - Aus 113 - Aus 117 - AX 63112 - AX 70117 - AU5XX113

977(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Broome - Scientific instruments

Date - Until 30 September 2011

Broome Port Authority Notice 15/2010 (AA493353)

Scientific instruments marked by special light buoys, *Fl.Y*, exist in the vicinity of 18° 00'.05 S 122° 12'.92 E

Chart temporarily affected - Aus 51

1085(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef to James Price Point - Scientific instruments

Former Notice - 1462(T)/2009 is cancelled

Date - Until 31 December 2010

Fugro Survey Pty Ltd (AA445251 - AA445256)

Scientific instruments exist as follows:

| <i>Position</i> | <i>Remarks</i> |
|----------------------------|----------------|
| 14° 56'.49 S 121° 45'.08 E | subsurface |
| 14° 56'.64 S 121° 44'.94 E | subsurface |
| 14° 59'.99 S 121° 46'.90 E | subsurface |
| 15° 00'.14 S 121° 46'.78 E | subsurface |
| 15° 03'.22 S 121° 47'.78 E | subsurface |
| 15° 03'.43 S 121° 47'.52 E | lit buoy |
| 15° 03'.68 S 121° 47'.68 E | subsurface |
| 15° 06'.01 S 121° 45'.45 E | subsurface |
| 15° 06'.07 S 121° 45'.44 E | lit buoy |
| 15° 16'.32 S 121° 39'.64 E | lit buoy |
| 15° 25'.75 S 121° 34'.57 E | lit buoy |
| 15° 37'.38 S 121° 33'.86 E | lit buoy |
| 15° 54'.51 S 121° 32'.71 E | lit buoy |
| 16° 02'.60 S 121° 36'.95 E | lit buoy |
| 16° 13'.24 S 121° 38'.81 E | lit buoy |
| 16° 21'.49 S 121° 40'.77 E | lit buoy |
| 16° 21'.55 S 121° 40'.59 E | lit buoy |
| 16° 40'.16 S 121° 44'.88 E | lit buoy |
| 16° 47'.64 S 121° 44'.63 E | lit buoy |
| 17° 08'.58 S 121° 37'.58 E | lit buoy |
| 17° 23'.81 S 121° 48'.39 E | lit buoy |
| 17° 29'.40 S 122° 04'.66 E | lit buoy |
| 17° 29'.45 S 121° 55'.32 E | lit buoy |
| 17° 30'.26 S 122° 05'.84 E | lit buoy |
| 17° 31'.03 S 121° 51'.55 E | lit buoy |
| 17° 31'.19 S 122° 07'.52 E | lit buoy |
| 17° 31'.20 S 122° 08'.53 E | lit buoy |
| 17° 31'.26 S 122° 07'.45 E | lit buoy |
| 17° 31'.26 S 122° 07'.59 E | lit buoy |
| 17° 31'.75 S 122° 07'.51 E | lit buoy |

Chart temporarily affected - Aus 322 - Aus 323 - Aus 324 - AX 0322F

1087(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Delambre Island to Dixon Island - Drilling operations

Date - Until 30 April 2011

Department of Transport WA Notice 88/2010 (AA497020)

Drilling operations are in progress in the area adjacent to Dixon Island (20° 37'.5 S 117° 04'.0 E) extending to 20° 25'.0 S 117° 02'.0 E, northwest of Delambre Island.

The barge and support vessels will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 55 - Aus 57

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

1089(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Wells northwestwards

Former Notice - 395(T)/2010 is cancelled

Date - Until 23 December 2010

Chevron Australia Pty Ltd (AA463979)

Wells exist as follows;

| <i>Position</i> | <i>Remarks</i> | <i>Depth (metres)</i> |
|----------------------------|----------------|-----------------------|
| 19° 32'.99 S 114° 07'.80 E | Chandon 2 | 1168 |
| 19° 57'.21 S 114° 52'.73 E | Geryon 2 | 1219 |
| 20° 12'.91 S 114° 32'.23 E | Achilles 1 | 1151 |
| 20° 18'.48 S 114° 41'.25 E | Clio 3 | 971 |

Chart temporarily affected - Aus 328 - AU320114 - AU321114

1090(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau to Onslow - Seismic survey

Former Notice - 523(T)/2010 is cancelled

Date - Until 30 April 2011

Department of Transport WA Notice 53B/2010 (AA468756)

MV *Southern Supporter* and *Markab* are conducting a survey in the area bounded by the following positions (WGS84 datum):

21° 26'.13 S 114° 57'.85 E
19° 54'.15 S 112° 53'.85 E
19° 26'.41 S 113° 19'.08 E
20° 42'.10 S 115° 19'.25 E
21° 11'.01 S 115° 32'.00 E.

Chart temporarily affected - Aus 64 - Aus 327 - Aus 328 - Aus 329 - Aus 742 - Aus 743 - Aus 744 - Aus 4723 - Aus 4725

1091(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island to Exmouth Plateau - Scientific instruments

Former Notice - 79(T)/2010 is cancelled

Date - Until 31 January 2011

Department of Transport WA Notice 1/2010 (AA447883, AA446614, AA446615)

Scientific instruments exist as follows:

| <i>Position</i> | <i>Remarks</i> |
|----------------------------|---|
| 19° 55'.44 S 113° 14'.28 E | subsurface |
| 19° 55'.56 S 113° 13'.74 E | lit buoy, <i>FI(5)Y.20s</i> |
| 20° 35'.94 S 114° 43'.44 E | subsurface |
| 20° 36'.48 S 114° 44'.88 E | subsurface |
| 20° 37'.56 S 114° 47'.94 E | subsurface |
| 20° 45'.48 S 114° 55'.92 E | subsurface |
| 21° 08'.34 S 115° 18'.30 E | lit buoy, <i>FI(5)Y.20s</i> and 2 white poly-floats |
| 21° 20'.52 S 115° 03'.30 E | lit buoy, <i>FI(5)Y.20s</i> and 2 white poly-floats |
| 20° 59'.28 S 115° 09'.78 E | lit buoy, <i>FI(5)Y.20s</i> and 2 white poly-floats |
| 21° 02'.04 S 115° 10'.56 E | lit buoy, <i>FI(5)Y.20s</i> and 2 white poly-floats |
| 21° 12'.30 S 115° 09'.00 E | lit buoy, <i>FI(5)Y.20s</i> and 2 white poly-floats |

Chart temporarily affected - Aus 63 - Aus 64 - Aus 328 - Aus 742 - Aus 743 - Aus 4723 - Aus 4725

1093(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Bessieres Island - FPSO off station northwestwards

Former Notice - 1464(T)/2009 is cancelled

BHP Billiton Petroleum Pty Ltd (AA445247)

The FPSO Griffin Venture (21° 13'.25 S 114° 38'.90 E (WGS84 datum)) is off station.

Chart temporarily affected - Aus 328 - Aus 744 - Aus 4708 (INT 708) - Aus 4723 - Aus 4725 - AX 4708F

1095(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Scientific instruments northwestwards

Former Notice - 1335(T)/2009 is cancelled

MetOcean Engineers (AA438335)

Scientific instruments exist as follows:

| <i>Position (WGS84 datum)</i> | <i>Remarks</i> |
|-------------------------------|---------------------------------------|
| 21° 30'.80 S 114° 00'.85 E | special buoy with 5 white poly-floats |
| 21° 30'.93 S 114° 00'.91 E | lit buoy, <i>FI(5)Y.20s</i> |

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

1096(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Scientific instrument

Date - Until 31 October 2011

Department of Transport WA Notice 104/2010 (AA497021)

Special light buoy, *Fl(5)Y.20s*, exists in position 32° 14'.95 S 115° 39'.00 E

Mariners are not to use this buoy as a mooring.

Chart temporarily affected - Aus 117 - Aus 754 - Aus 755 - AX 0754E - AX 0755E - AX 66002 - AX 70117

1141(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Ashmore Reef to Rowley Shoals - Seismic survey

Date - Until 1 December 2010

Searcher Seismic Pty Ltd (AA499496)

MV *Aquila Explorer*, with a 8000m towed array, will be conducting a survey in the area bounded by 10° 50'.0 S to 16° 30'.0 S and 119° 00'.0 E to 126° 00'.0 E (WGS84 datum).

A 5000m exclusion zone exists around the vessel.

Chart temporarily affected - Aus 4603 (INT 603) - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 4603F - AX 4721F - AX 4722F - AU130090 - AU130120 - AU220120

1142(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Irvine Island - Scientific instruments

Former Notice - 768(T)/2010 is cancelled

Date - Until 31 October 2011

Department of Transport Notice 112/2010 (AA497996)

Scientific instruments exist as follows:

| <i>Position</i> | <i>Remarks</i> |
|--------------------------|-----------------------------|
| 16° 04'.4 S 123° 33'.8 E | lit buoy, <i>Fl(5)Y.20s</i> |
| 16° 04'.9 S 123° 33'.3 E | lit buoy, <i>Fl(5)Y.20s</i> |
| 16° 05'.7 S 123° 32'.5 E | lit buoy, <i>Fl(5)Y.20s</i> |
| 16° 06'.0 S 123° 33'.2 E | subsurface. |

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 40 - Aus 732 - Aus 733

1143(P)/2010 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light beacons established

Former Notice - 827(T)/2008 is cancelled

Date - Until 19 November 2010

Port Hedland Port Authority (AA498019, AA498029)

Leading beacons, with temporary lights *F.R.*, bearing 116-8° exist in positions 20° 19'.71 S 118° 35'.29 E and 20° 19'.75 S 118° 35'.37 E.

The light beacons in positions 20° 19'.51 S 118° 34'.95 E and 20° 19'.54 S 118° 35'.00 E will be permanently discontinued shortly.

Chart which will be affected - Aus 54

1144(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Oil field northwestwards

Date - Until 16 April 2011

Woodside Energy Ltd (AA499441)

ISV *Nor Australis*, *Venturer* and *Rockwater 2* will be conducting refurbishment work on the Wanaea oil field infrastructure within the following area (WGS84 datum):

19° 26'.5 S 116° 29'.0 E
19° 33'.5 S 116° 30'.0 E
19° 37'.0 S 116° 24'.5 E
19° 36'.0 S 116° 24'.0 E.

FPSO *Cossack Pioneer* will be decommissioned late January 2011.

FPSO *Okha* will be established late March 2011.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 741

1200(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Sahul Banks - Seismic survey

Date - Until 10 December 2010

Tata Petrodyne Ltd (AA500692, AA500693, AA501399)

MV *Pacific Explorer* with a 6000m towed array is conducting a survey in an area bounded by the following positions:

11° 57'.15 S 124° 19'.65 E

12° 03'.36 S 124° 26'.09 E

11° 51'.19 S 124° 35'.31 E

11° 44'.94 S 124° 28'.90 E.

Chart temporarily affected - Aus 314 - AX 0314F - AU312124

1204(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Scientific instruments

Date - Until 1 November 2011

Department of Transport WA Notice 116/2010 (AA561400)

Scientific instruments marked by unlit special buoys exist within a 10000m radius of James Prices Point (17° 29'.21 S 122° 08.56 E).

Mariners are not to use these buoys as moorings.

Chart temporarily affected - Aus 324

1206(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Light unlit northwestwards

Date - Until 17 December 2010

Transfield Worley (AA499397)

North Rankin A light (19° 35'.05 S 116° 08'.22 E (WGS84 datum)) is unlit.

Chart temporarily affected - Aus 327 - Aus 4723

1209(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Scientific instruments northwards

Date - Until 30 September 2011

MetOcean Engineers (AA501635, AA501641)

Scientific instruments marked by lit buoys, *Fl(5)Y.20s*, exist in positions 19° 45'.34 S 115° 47'.88 E and 19° 56'.68 S 115° 32'.73 E.

Chart temporarily affected - Aus 327 - Aus 328

1210(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Scientific instruments

Date - Until 25 November 2010

Defence Science and Technology Organisation (AA498431)

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

31° 53'.5 S 115° 24'.0 E

31° 56'.0 S 115° 22'.0 E

31° 59'.0 S 115° 23'.0 E

31° 55'.0 S 115° 18'.5 E.

Chart temporarily affected - Aus 334 - Aus 754 - AX 0334E - AX 0754E - AX 66002 - AU432115

1268(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Bedout Islet - Seismic survey northwards

Date - Until 14 January 2011

Fugro Multi Client Services Pty Ltd (AA503347, AA503349)

MV *Geo Celtic*, with a 7050m towed array, and support vessel MV *Tanux I* are conducting survey operations in the area bounded by 18° 30'.0 S to 19° 00'.0 S and 118° 30'.0 E to 119° 00'.0 E.

Chart temporarily affected - Aus 325 - Aus 326 - Aus 739

1269(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments

Former Notice - 813(T)/2010 is cancelled
Date - Until 30 November 2011
MetOcean Engineers (AA502880)

Scientific instruments exist as follows:

| <i>Position (WGS84 datum)</i> | <i>Remarks</i> |
|-------------------------------|------------------------------|
| 20° 15'.56 S 118° 33'.37 E | 5 poly floats |
| 20° 15'.53 S 118° 33'.45 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'.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° 24'.18 E | FI(5)Y.20s |
| 20° 07'.81 S 118° 24'.13 E | FI(5)Y.20s and 5 poly floats |

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

1270(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Scientific instruments northwards

Former Notice - 630(T)/2010 is cancelled
Date - Until 31 May 2011
MetOcean Engineers (AA502482)

Special light buoys, FI(5)Y.20s, exist in positions (WGS84 datum):

18° 45'.51 S 117° 01'.86 E
19° 31'.30 S 117° 03'.12 E
19° 31'.39 S 117° 03'.06 E.

Chart temporarily affected - Aus 327 - Aus 741

1271(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northwestwards

Former Notice - 1207(T)/2010 is cancelled
Date - Until 15 December 2010
Fugro Multi Client Services Pty Ltd (AA501545, AA503347, AA503349)

MV *Geo Atlantic*, with a 6600m towed array and support vessel MV *Cassandra VI* are conducting a survey in the area bounded by the following positions (WGS84 datum):

18° 47'.70 S 116° 50'.08 E
19° 14'.92 S 116° 50'.08 E
19° 14'.92 S 116° 15'.08 E
19° 19'.92 S 116° 15'.08 E
19° 19'.92 S 116° 09'.10 E
19° 24'.92 S 116° 09'.10 E
19° 24'.92 S 115° 55'.08 E
18° 47'.70 S 115° 55'.08 E.

Chart temporarily affected - Aus 327 - Aus 741

1272(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Regnard Bay - Platform; pipeline northwards

Former Notice - 1030(T)/2010 is cancelled
Date - Until 28 February 2011
Apache Energy Ltd ((AA495350, AA493059, AA501959)

Pipelay vessel *Leighton Stealth* and support vessels are conducting pipelay operations between 20° 37'.09 S 116° 21'.01 E (WGS84 datum) and 20° 01'.43 S 116° 18'.57 E.

The Reindeer platform (20° 01'.43 S 116° 18'.57 E) will be established in mid February 2011.

A pipeline exists between the following positions:

20° 37'.09 S 116° 21'.01 E
20° 49'.48 S 116° 21'.13 E
20° 50'.42 S 116° 20'.94 E.

A 300m exclusion zone exists along the pipeline in depths <10m and 500m in depths >10m.

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

1274(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instruments

Former Notice - 394(T)/2010 is cancelled
Date - Until 30 April 2011

MetOcean Engineers (AA502894)

Scientific instruments exist as follows:

| <i>Position (WGS84 datum)</i> | <i>Remarks</i> |
|-------------------------------|-----------------------------|
| 19° 56'.12 S 115° 22'.85 E | subsurface |
| 19° 56'.59 S 115° 22'.87 E | lit buoy, <i>Fl(5)Y.20s</i> |
| 19° 56'.60 S 115° 23'.00 E | 5 poly floats |

Chart temporarily affected - Aus 328

1275(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank to Serrurier Island - Survey and drilling operations

Date - Until 30 November 2010

Advanced Geomechanics (AA502890), Department of Transport WA (AA503179)

MV *Silver Star* is conducting survey and drilling operations in the area bounded by 19° 55'.0 S to 21° 37'.0 S and 114° 43'.0 E to 115° 25'.0 E (WGS84 datum).

Chart temporarily affected - Aus 63 - Aus 64 - Aus 328 - Aus 742 - Aus 744 - AU320114 - AU320115 - AU321114 - AU421115 - AU422114 - AU422115 - AU5X64P1

1276(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Drilling operations

Date - Until 6 December 2010

Northern Territory Shipping Agencies (AA503432, AA503433)

Vessel *Fugro Synergy* is conducting drilling operations in the area bounded by 19° 45'.96 S to 19° 55'.73 S and 113° 05'.65 E to 113° 15'.35 E.

Chart temporarily affected - Aus 4723

1277(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments

Former Notice - 938(T)/2010 is cancelled

Date - Until 31 August 2011

MetOcean Engineers (AA502482)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 21° 28'.41 S 115° 08'.41 E and 21° 28'.43 S 115° 08'.51 E (WGS84 datum).

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

1279(P)/2010 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Thomson Bay - Navais

Date - On or about 28 November 2010

Department of Transport WA Notice 129/2010 (AA502883)

Existing cardinal beacons, between 31° 59'.64 S 115° 32'.80 E and 31° 59'.78 S 115° 33'.08 E, will be altered to lit lateral beacons.

A starboard lateral light buoy (31° 59'.65 S 115° 32'.98 E) and a south cardinal light buoy (31° 59'.78 S 115° 33'.04 E) will be established.

The leading lights (*F.Bu*) in position 31° 59'.76 S 115° 32'.49 E will be permanently discontinued.

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 112 - AX63112 - AU432115

(67)
(211)

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

415(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Port Augusta - Two Hummock Point - Light beacon altered

Department for Transport, Energy and Infrastructure Notice 19/2008 (AA324384)

No 4 light beacon (32° 44'.88 S 137° 48'.96 E (WGS84 datum)) has been altered to Q(3)10s.

Chart temporarily affected - Aus 344 - Aus 778

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

1161(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Glenelg - Shoaling

Former Notice - 989(T)/2008 is cancelled

Department for Transport, Energy and Infrastructure SA Notice 51/2008 (AA367158, AA367331)

Shoaling exists in the approach channel to Glenelg Harbor.

Light buoys have been established to mark the channel into the harbor:

| <i>Position (WGS84 datum)</i> | <i>Remarks</i> |
|-------------------------------|----------------|
| 34° 58'.438 S 138° 30'.496 E | <i>F.G</i> |
| 34° 58'.426 S 138° 30'.495 E | <i>F.G</i> |
| 34° 58'.406 S 138° 30'.456 E | <i>Fl.G.3s</i> |
| 34° 58'.375 S 138° 30'.467 E | <i>Fl.R.5s</i> |
| 34° 58'.396 S 138° 30'.511 E | <i>Fl.R.3s</i> |
| 34° 58'.432 S 138° 30'.536 E | <i>F.R</i> |

Light K2086.2 (34° 58'.526 S 138° 30'.618 E) is unlit.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 125

176(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Wallaroo - Depth information

Former Notice - 1172(T)/2006 is cancelled

Department for Transport, Energy and Infrastructure SA Notice 38/2006 (AA213542)

Available depths as at 12 September 2006:

| | <i>Metres (LAT)</i> |
|--------------------|---------------------|
| * No 1 South Berth | 8.7 |
| * No 2 North Berth | 8.7 |

* Indicates new or revised entry.

Chart temporarily affected – Aus 777

458(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Glenelg - Restricted area; light buoys

Former Notice - 490(T)/2002 is cancelled
Department for Transport, Energy and Infrastructure SA (AA398751)

A restricted area, marked by light buoys, exists bounded by the following:

| <i>Position (WGS84 datum)</i> | <i>Remarks</i> |
|-------------------------------|------------------------------------|
| 34° 58'.02 S 138° 30'.51 E | |
| 34° 58'.02 S 138° 30'.19 E | west cardinal light buoy, Q(9) 15s |
| 34° 58'.23 S 138° 30'.29 E | west cardinal light buoy, Q(9) 15s |
| 34° 58'.46 S 138° 30'.56 E | |

Chart temporarily affected - Aus 125 - Aus 781

921(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Port Willunga - Light buoy off station
Department of Environment and Heritage SA (AA420053)

The light buoy, Fl.5s (35° 15'.13 S 138° 27'.58 E (WGS84 datum)), is off station.

Chart temporarily affected – Aus 780

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

774(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Light destroyed
Department for Transport, Energy and Infrastructure SA Notice 33/2010 (AA480777)

The light (33° 00'.81 S 137° 35'.33E) has been destroyed.

Chart temporarily affected - Aus 136 - AU5136P3

873(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Whidbey Isles - Scientific instrument

Former Notice - 1082(T)/2009 is cancelled

Date - Until 1 September 2011

South Australian Research and Development Institute (AA485627)

A subsurface scientific instrument exists in position 34° 55'.88 S 135° 00'.62 E (WGS84 datum).

Chart temporarily affected - Aus 342 - Aus 343 – AX 0343E

880(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Kangaroo Island - Penneshaw - Light destroyed; lights established

Former Notice - 775(T)/2010 is cancelled

Department for Transport, Energy and Infrastructure SA Notice 36/2010 (AA485143)

The light (35° 43'.00 S 137° 56'.65E (WGS84 datum)) has been destroyed. Temporary lights exist as follows;

| <i>Position</i> | <i>Remarks</i> |
|----------------------------|----------------|
| 35° 43'.02 S 137° 56'.60 E | Fl.G.2s 4M |
| 35° 42'.98 S 137° 56'.62 E | Fl.3s 2M |

Chart temporarily affected - Aus 125 - Aus 126 - Aus 345 - Aus 346 - Aus 444 - Aus 780 - AU436137

1032(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Port Augusta - Bluff Reach - Light beacon damaged

Former Notice - 265(T)/2008 is cancelled

Department of Transport, Energy and Infrastructure SA (AA495435, AA495437)

No 9 light beacon K1952 (32° 39'.0 S 137° 46'.2 E) has been damaged; a light beacon, Q(9)15s, with west cardinal topmark has been established in situ.

Chart temporarily affected - Aus 778 - AU433137

1098(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Sultana Point - Beacon destroyed

Department for Transport, Energy and Infrastructure SA Notice 40/2010 (AA497093)

The starboard lateral beacon (35° 08'.41 S 137° 45'.57 E (WGS84 datum)) has been destroyed; a special buoy has been established in situ.

Chart temporarily affected - Aus 139 - Aus 780 - Aus 781

1148(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln - Wreck
Department for Transport, Energy and Infrastructure SA Notice 41/2010 (AA498791)

A stranded wreck exists in position 34° 43'.2 S 135° 52'.2 E. A 50m exclusion exists around the wreck.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 134

1211(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Port Augusta - Navaid replacement
Date - Until 30 November 2010
Department for Transport, Energy and Infrastructure SA Notice 45/2010 (AA501512)

Works are in progress to replace 39 nav aids between beacon No17 (32° 34'.07 S 137° 45'.86 E) and Commonwealth Wharf (32° 29'.38 S 137° 45'.63 E).

All vessels involved in the works will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 778

1212(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Port Stanvac - Scientific instrument
Former Notice - 879(T)/2010 is cancelled
Date - Until 1 October 2011
South Australian Research and Development Institute (AA500707)

Subsurface scientific instruments exist in positions (WGS84 datum):

35° 05'.61 S 138° 28'.26 E
35° 05'.56 S 138° 28'.39 E
35° 05'.49 S 138° 28'.31 E.

Chart temporarily affected - Aus 125 - Aus 781

1280(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Goat Island - Light buoy off station
Department for Transport, Energy and Infrastructure SA Notice 47/2010 (AA502761)

The north cardinal light buoy (32° 17'.9 S 133° 31'.6 E (WGS84 datum)) is off station.

Chart temporarily affected - Aus 120

(16)
(227)

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

893(T)/2008 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Light beacon withdrawn

Victorian Notice 98/2008 (AA354281)

No 44 light beacon (37° 49'.36 S 144° 54'.26 E) has been withdrawn; a port lateral light buoy, *Fl.R.2s*, exists in situ.

Chart temporarily affected - Aus 154 - AU5XX154

1213(T)/2008 AUSTRALIA - VICTORIA - Corner Inlet - Shoaling

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 357A – Aus 802 - AU439146

800(T)/2009 AUSTRALIA - VICTORIA - Port Albert - Shoaling

Victorian Notice 63(T)/2009 (AA414814)

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 - AU439146

1300(T)/2009 AUSTRALIA - VICTORIA - Anderson Inlet - Shoaling

Victorian Notice 150/2009 (AA436349)

Shoaling exists in the outer entrance channel of the Anderson Inlet entrance bar.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 801 - AU439145

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

1346(T)/2009 AUSTRALIA - VICTORIA - Western Port - Wonthaggi - Scientific instrument

Date - Until 30 April 2011

Cardno Lawson Treloar (AA439271)

A special light buoy, *Fl(5)Y.20s*, exists in position 38° 36'.16 S 145° 30'.84 E.

Chart temporarily affected - Aus 150 - Aus 801 - AU439145

1468(T)/2009 AUSTRALIA - VICTORIA - Barwon River - Bridge construction; exclusion zones; light buoys established

Former Notice - 1205(T)/2009 is cancelled

Date - Until 30 November 2010

Victorian Notice 133(T)/2009 (AA431931)

An exclusion zone exists around bridge construction works at the entrance to Barwon River.

An exclusion zone, marked by special buoys, exists in an area bounded by the following positions:

38° 16'.94 S 144° 29'.68 E

38° 16'.92 S 144° 29'.87 E

38° 16'.97 S 144° 29'.85 E

38° 16'.98 S 144° 29'.67 E.

Lateral light buoys have been established to mark the permitted transit lane through the exclusion zone. Construction work requirements will from time to time require the short term closure of the transit lane. Advice will be provided when the closures are to occur on Coast Radio Melbourne VHF Ch 67 at 0848 and 1448.

Vessels entering the river from Bass Strait may be able to berth at the Barwon Heads main jetty (38° 17'.06 S 144° 29'.76 E) while the transit lane is closed. Vessels looking to access Bass Strait from the river will need to anchor or beach nearby to wait for the transit lane to be opened. No berthing is allowed at any time at the jetty (38° 16'.75 S 144° 29'.77 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 788 - AU439144

576(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Altona - Harbour works

Date - Until 13 September 2010

Victorian Notice 42(T)/2010 (AA469622)

Works associated with the construction of two rock groynes in positions 37° 52'.31 S 144° 49'.54 E and 37° 52'.34 S 144° 50'.11 E and beach renourishment are in progress.

All hazards to navigation will display appropriate lights and shapes

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 155 - AU438144

886(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Brighton - Dredging operations

Former Notice - 730(T)/2010 is cancelled

Date - Until 1 December 2010

Victorian Notice 77(T)/2010 (AA484800)

The dredge *Eva K* is conducting dredging operations in the vicinity of 37° 54'.31 S 144° 58'.90 E.

The dredge material will be deposited in position 37° 54'.50 S 144° 58'.21 E via a pipeline, marked by special light buoys, *Fl.Y.3s*, and white buoys.

All hazards to navigation will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 155 - AU438144

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

943(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Werribee River - Harbour works

Date - Until 28 February 2011

Victorian Notice 82(T)/2010 (AA490399)

Works associated with upgrade to the boat ramp and jetty (37° 58'.35 S 144° 41'.16 E) are in progress. Certain sections of the boat ramp and jetty may be closed during works and information on the closures can be obtained by contacting Wyndham City Council on (03) 9742 0777.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 155

1034(T)/2010 AUSTRALIA - VICTORIA - Barwon River - Submarine pipeline

Former Notice - 980(T)/2010 is cancelled

Date - Until 5 November 2010

Victorian Notice 85(T)/2010, 87(T)/2010 (AA493149, AA493467, AA493468, AA495365)

A submarine pipeline is being laid across the Barwon River between 38° 16'.52 S 144° 29'.80 E and 38° 16'.59 S 144° 30'.10 E.

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

| |
|-----------------------------|
| 38° 16'.51 S 144° 29'.81 E |
| 38° 16'.53 S 144° 29'.80 E |
| 38° 16'.60 S 144° 30'.09 E |
| 38° 16'.58 S 144° 30'.12 E. |

A navigation channel over the pipeline will be marked by light buoys. The length of the pipeline will be marked by special light buoys. The water depth over the pipeline will be reduced to 0.4m (LAT).

Further information can be obtained by contacting Barwon Water on 1300 656 007 and Port of Barwon Heads on (03) 5254 1118.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - AU439144

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

1036(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne to St Kilda - Navaid upgrade works

Date - Until 22 October 2010

Victorian Notice 90(T)/2010 (AA495387)

Navaid upgrade works are in progress along the foreshore from Port Melbourne (37° 50'.5 S 144° 55'.0 E) to St Kilda Marina (37° 52'.5 S 144° 58'.5 E). Works involve diving and piling operations and the removal and establishment of nav aids approximately 200m from shore.

All hazards to navigation will display appropriate lights.

Chart temporarily affected - Aus 154 - Aus 155 - AU438144

1037(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Mornington - Harbour works

Former Notice - 983(T)/2010 is cancelled

Date - Until 17 December 2010

Victorian Notice 84(T)/2010, 93(T)/2010 (AA492656, AA495911)

Works associated with the reconstruction of Mornington Pier are in progress (38° 12'.73 S 145° 02'.02 E).

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

38° 12'.73 S 145° 02'.02 E
38° 12'.72 S 145° 02'.01 E
38° 12'.68 S 145° 02'.11 E
38° 12'.70 S 145° 02'.13 E
38° 12'.74 S 145° 02'.05 E
38° 12'.74 S 145° 02'.04 E
38° 12'.76 S 145° 02'.01 E.

All hazards to navigation will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 158 - AU5143P3

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

1150(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Harbour works

Former Notice - 531(T)/2010 is cancelled

Date - Until 17 December 2010

Victorian Notice 98/2010 (AA499428)

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

Restrictions apply as follows;

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

Vessels with air draught 43.5m to 49.0m are permitted to transit subject to evacuation of all personnel from platform. Incoming vessels report to Melbourne VTS 30 minutes prior to arrival Fawkner beacon and departing vessels report to Melbourne VTS 30 minutes prior to departing from berths upstream of the West Gate Bridge.

Vessels with air draught greater than 49.0m are permitted to transit, however notice is to be provided to the platform master to retract the platform. Incoming vessels report to Melbourne VTS after rounding Hovell pile and departing vessels report to Melbourne VTS 2 hours prior to departing from berths upstream of the West Gate Bridge.

Melbourne VTS will relay the notice to the West Gate Bridge platform master.

Chart temporarily affected - Aus 154 - AU5XX154

1152(P)/2010 AUSTRALIA - VICTORIA - Port Phillip - Hobsons Bay - Station Pier to St Kilda - Beacons to be established

Date - On or about 5 November 2010

Victorian Notices 103(T)/2010, 107(T)/2010 (AA499387)

Special beacons have been established between Station Pier (37° 50'.71 S 144° 55'.85 E) and St Kilda harbour (37° 51'.70 S 144° 58'.00 E).

An isolated danger light beacon has been established in position 37° 51'.30 S 144° 57'.34 E.

A light beacon, *Fl(2)6s*, exists in position 37° 52'.33 S 144° 58'.21 E.

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 154 - Aus 155 - AU5155P3 - AU5XX154

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

1213(T)/2010 AUSTRALIA - VICTORIA - Buttress Point to Antares Rock - Seismic survey

Date - Until 15 December 2010

Origin Energy (AA501723), Victorian Notice 115(T)/2010 (AA501479)

SSV *Katmandu*, *Prowler* and *Blackjack* are conducting a survey in an area bounded by the following positions:

| |
|----------------------------|
| 38° 30'.71 S 142° 42'.16 E |
| 38° 32'.25 S 142° 40'.81 E |
| 38° 34'.98 S 142° 45'.83 E |
| 38° 33'.84 S 142° 46'.84 E |

SSV *Katmandu* can be contacted on VHF Ch 16.

Chart temporarily affected - Aus 349 - Aus 787 - AU439142

1215(P)/2010 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light beacon to be established

Date - On or about 30 November 2010

Victorian Notice 109(T)/2010 (AA500717)

A south cardinal light beacon, *Q(6)+LFl.15s*, will be established in position 38° 08'.13 S 144° 30'.11 E; the beacon exists with a temporary special topmark.

Chart which will be affected - Aus 157

1216(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Mornington - Dredging operations

Date - Until 24 November 2010

Victorian Notice 113(T)/2010 (AA500688)

Dredging operations are in progress in the vicinity of 38° 12'.83 S 145° 02'.07 E.

All hazards to navigation will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 158 - AU5143P3

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

1218(T)/2010 AUSTRALIA - VICTORIA - Western Port - Tankerton - Dredging operations

Date - Until 23 November 2010

Victorian Notice 111(T)/2010 (AA500621)

Dredging operations are in progress in the vicinity of 38° 23'.00 S 145° 16'.23 E.

All hazards to navigation will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 150 - Aus 151 - AU439145

1282(T)/2010 AUSTRALIA - BASS STRAIT - Drilling operations

Date - Until 20 December 2010

Aventus Consulting (AA503337)

The drill rig *Kan Tan IV* will be conducting drilling operations at well *Silvereye-1* (39° 54'.33 S 145° 03'.41 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 487 - AU340145

1285(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Dredging operations

Date - Until 4 December 2010

Victorian Notice 117(T)/2010 (AA502749)

Dredging operations are in progress in the vicinity of 38° 15'.69 S 144° 39'.99 E.

All hazards to navigation will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 158 - AU439144 - AU5XX144

1286(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Dredging operations

Date - Until 17 December 2010

Victorian Notice 119(T)/2010 (AA502893)

The dredge *Cornelis Zanen* is conducting dredging operations in the south east spoil ground (38° 15'.0 S 144° 57'.5 E) and the dredge material will be deposited in the Port of Melbourne spoil ground (38° 00'.5 S 144° 53'.0 E).

Updated information on the location of the dredge can be obtained from Melbourne VTS or Lonsdale VTS on VHF Ch 12.

The dredge can be contacted on VHF Ch 12.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 155 - Aus 158 - AU439144

1288(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works

Date - Until 22December2010

Victorian Notice 121(T)/2010 (AA503547)

Harbour works are in progress at the Royal Yacht Club (37° 51'.54 S 144° 54'.55 E).

All hazards to navigation will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154 - Aus 155 - AU438144 - AU5XX154

1289(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Maribyrnong River - Harbour works

Date - Until 10 December 2010

Victorian Notice 120(T)/2010 (AA503549)

Remediation works on berth No 1 (37° 49'.05 S 144° 54'.38 E) are in progress.

During this period the berth will be closed to shipping.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154 - AU5XX154

1290(T)/2010 AUSTRALIA - BASS STRAIT - Drilling operations

Former Notice - 687(T)/2010 is cancelled

Esso Australia Pty Ltd (AA473643, AA473644, AA475218)

The drill rig *Ocean Patriot* and support vessels MV *Coral* and MV *Tourmaline* are conducting drilling operations in the following positions:

38° 07'.22 S 148° 23'.16 E

38° 10'.87 S 148° 35'.59 E

38° 10'.86 S 148° 35'.59 E

38° 10'.85 S 148° 35'.62 E

38° 10'.85 S 148° 35'.63 E

38° 34'.65 S 148° 21'.07 E.

A 500m safety zone exists at each location.

Anchors will be deployed and may exist up to 1500m from the mobile drilling unit, with a 4630m clearance zone requested.

MV *Rem Etive* is conducting the installation of subsea production wells.

Pipelines will be installed between Snapper (38° 11'.49 S 148° 01'.57 E) to Marlin B (38° 13'.81 S 148° 13'.34 E), Marlin B to West Tuna (38° 11'.41 S 148° 23'.39 E) and from West Tuna to Kipper (38° 10'.86 S 148° 35'.61 E).

Chart temporarily affected - Aus 357 - Aus 487

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

(34)

(261)

TASMANIA

922(P)/2005 AUSTRALIA - TASMANIA - Furneaux Group - Franklin Sound - Shoaling. DGST mA105447 ID 21857 (A159085).

Lesser depths than those charted exist in the approaches to Lady Baron as follows:

- (a) on the north bank between the 1.3 metre depth (40° 19'.46 S 148° 03'.27 E) and the port lateral buoy (40° 19'.39 S 148° 06'.54 E)
- (b) on the south bank between the 1 metre depth (40° 19'.29 S 148° 08'.19 E) and the drying bank (40° 18'.54 S 148° 10'.49 E)
- (c) in the passage west of Great Dog Island and Little Green Island; on the western bank between the drying bank (40° 14'.17 S 148° 13'.42 E) and Adelaide Bay (40° 13'.01 S 148° 14'.91 E).

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 179 - Aus 800.

509(T)/2008 AUSTRALIA - TASMANIA - Hobart - New Town Bay - Obstructions Marine and Safety Tasmania Notice M47/2008 (AA331335)

A number of pontoons and barges have sunk. Mariners should not pass inshore of position 42° 50'.72 S 147° 19'.04 E and the remaining pontoons.

Chart temporarily affected - Aus 171 - Aus 172

922(T)/2009 AUSTRALIA - TASMANIA - Burnie - Depth information *Former Notice - 686(T)/2009 is cancelled* Tasports (AA420205)

Available depths as at 27 July 2009:

| <i>Berth</i> | <i>Metres</i> | <i>Remarks</i> |
|--------------|---------------|--|
| * No 4 Berth | 7.5 | |
| * No 5 Berth | 10.8 | 9.2m first 75m outer end, 10.8m for the next 200m |
| No 6 Berth | 10.0 | |
| * No 7 Berth | 10.6 | 10.0m first 30m outer end, 10.2m for the next 35m, 10.6m for the next 205m |

* Indicates new or revised entry.

Chart temporarily affected – Aus 163

1085(T)/2009 AUSTRALIA - TASMANIA - River Tamar - Port Dalrymple - Reclamation works *Former Notice - 1055(T)/2008 is cancelled* *Date - Until 10 March 2010* Marine and Safety Tasmania Notice M116/2009 (AA425265)

Reclamation works are in progress between positions 41° 08'.30 S 146° 50'.35 E and 41° 08'.20 S 146° 50'.00 E .

A silt curtain marked by three special light buoys, *Fl. Y.5s*, exists in the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 167 - Aus 799 - AU442146 - AU5167X8

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

143(T)/2010 AUSTRALIA - TASMANIA - Port Dalrymple - Bell Bay - Light buoy off station Marine and Safety Tasmania Notice M15/2010 (AA451833)

The light buoy, *Oc. Y.5s* (41° 08'.8 S 146° 51'.5 E), has sunk in position.

Chart temporarily affected - Aus 167 - AU5167X8

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

685(T)/2010 AUSTRALIA - TASMANIA - Triabunna - Beacon destroyed

Former Notice - 467(T)/2010 is cancelled

Date - Until 9 September 2010

Marine and Safety Tasmania Notice 63/2010 (AA474810)

The starboard lateral beacon (42° 31'.21 S 147° 54'.85 E) has been destroyed; a starboard lateral buoy has been established in situ.

Chart temporarily affected - Aus 170 - Aus 175 - AU443147 - AU5XX175

724(T)/2010 AUSTRALIA - TASMANIA - North West Bay - Harbour works

Date - Until 30 November 2010

Marine and Safety Tasmania M68/2010, M73/2010 (AA476746, AA)

Works associated with the replacement of the jetty (43° 02'.35 S 147° 16'.51 E) are in progress.

Piles will be established northeast of the existing jetty and will be marked by flashing yellow lights.

The light, *F.Bu*, has been removed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 174 - AU5174P1

816(T)/2010 AUSTRALIA - TASMANIA - Coles Bay - Light removed

Marine and Safety Tasmania Notice M77/2010 (AA482334)

The light, *F.Bu* (42° 07'.71 S 148° 17'.32 E), has been temporarily removed.

Chart temporarily affected - Aus 169 - Aus 766 - AU443148 - AU5169P3

883(T)/2010 AUSTRALIA - TASMANIA - River Tamar - Long Reach - Light beacon destroyed

Former Notice - 727(T)/2010 is cancelled

Date - Until 10 December 2010

Marine and Safety Tasmania Notice M82/2010 (AA485819, AA485820)

No3 light beacon (41° 10'.26 S 146° 55'.80 E) has been destroyed; a starboard lateral light buoy, *Fl.G.3s*, exists in situ.

Chart temporarily affected - Aus 167 - Aus 168 - AU5167X8

(10)

(271)

PAPUA NEW GUINEA

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)

406(T)/2008 PAPUA NEW GUINEA - Kimbe Island - Light unlit

Former Notice - 374(T)/2007 is cancelled

National Maritime Safety Authority PNG Notice 112/2007 (AA238440)

Light K3486 (5° 12'.29 S 150° 22'.59 E) is unlit.

Chart temporarily affected - Aus 547 - Aus 4622 (INT 622)

609(T)/2008 PAPUA NEW GUINEA - Bougainville Island - Lights unlit

Former Notice - 556(T)/2008 is cancelled

National Maritime Safety Authority PNG Notice 154/2008, 174/2008 (AA321602, AA342021)

The following lights are unlit:

| <i>Location</i> | <i>Position (WGS84 datum)</i> |
|----------------------------|-------------------------------|
| Takanupei Island (K4884.4) | 6° 08'.86 S 155° 34'.30 E |
| Dokome Point (K4885.2) | 6° 10'.91 S 155° 32'.94 E |
| Banaru Reef (K4885.7) | 6° 08'.30 S 155° 38'.88 E |
| Wogoromodo Reef (K4885.6) | 6° 10'.12 S 155° 39'.03 E |
| Moto Reef (K4885.8) | 6° 08'.70 S 155° 39'.50 E |
| Arawa Bay (K4884.6) | 6° 13'.74 S 155° 34'.37 E |
| Otua Islet (K4886) | 6° 27'.50 S 155° 58'.40 E |

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

1102(T)/2008 PAPUA NEW GUINEA - Rantan Island - Light unlit

National Maritime Safety Authority PNG Notice 209/2008 (AA363785)

The light K4887 (6° 40'.83 S 155° 58'.92 E) is unlit.

Chart temporarily affected - Aus 399 - AU407155

1471(T)/2009 PACIFIC OCEAN - Scientific instruments

Former Notice - 941(T)/2008 is cancelled

JAMSTEC (AA443477)

Scientific instruments, Triton buoys, exist as follows:

| <i>Number</i> | <i>Position</i> |
|---------------|---------------------------|
| 4 | 0° 00'.97 N 156° 02'.44 E |
| 5 | 2° 01'.00 S 155° 57'.50 E |
| 6 | 5° 01'.73 S 156° 01'.44 E |
| 9 | 0° 03'.59 N 147° 00'.64 E |

Chart temporarily affected - Aus 399 - Aus 4622 (INT 622) - AU306156

(6)(277)

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.

(1)
(278)

MISCELLANEOUS

1038(T)/2010 AUSTRALIA - Summer time

Date - Until 3 April 2011

Australian Government (AA495349)

Clocks will be advanced one hour at 0200 local time on 3 OCT 2010 and retarded one hour on 3 APR 2011 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.