

TEMPORARY AND PRELIMINARY NOTICES
In force on 14 January 2011

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

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

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:

Berth	Metres	Remarks
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

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

NSW Maritime (AA506509)

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

Chart temporarily affected - Aus 197 - Aus 204 - Aus 215 - Aus 424 - Aus 489 - Aus 809 - AX 0809E - AX 67215 - Aus 4643

1374(T)/2010 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Dredging operations

Former Notice - 1317(T)/2010 is cancelled

Date - Until 31 January 2011

Port Kembla Port Corporation Notice 8/2010 (AA508956)

Dredging operations are in progress to the north of No6 Jetty in the vicinity of position 34° 28'.05 S 150° 54'.15 E.

A floating pipeline and silt curtain, marked by special light buoys, exist in the vicinity of position 34° 28'.33 S 150° 54'.57 E. The dredge material will be deposited in the area enclosed by the silt curtain.

Chart temporarily affected - Aus 194 - Aus 195

1376(T)/2010 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Kurnell to La Perouse Point - Light buoys

Date - Until 31 March 2011

Sydney Ports Corporation (AA509685)

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

33° 59'.51 S 151° 13'.52 E

34° 00'.07 S 151° 13'.05 E

34° 00'.17 S 151° 12'.88 E.

Chart temporarily affected - Aus 198 - Aus 199

1378(T)/2010 AUSTRALIA - NEW SOUTH WALES - Newcastle - Drilling operations

Date - Until 21 January 2011

Advent Energy Ltd (AA502902)

The drill rig *Ocean Patriot* and support vessels MV *Coral* and MV *Tourmaline* are conducting drilling operations in position 32° 55'.83 S 152° 22'.42 E.

The drill rig is lit, *Mo(U)*, and exhibits a radar transponder, *Racon(D)*.

Anchors will be deployed and may exist up to 1200m from the drill rig.

Chart temporarily affected - Aus 810

48(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 1377(T)/2010 is cancelled

Newcastle Port Corporation (AA511254)

Available depths as at 21 December 2010:

Berth	Metres
Western Basin 3	11.6
* Western Basin 4	11.6
Eastern Basin 1	11.6
Eastern Basin 2 North of Ch 450	11.6
* Eastern Basin 2 South of Ch 450	11.0
Channel Berth	8.3
Dyke 1	12.8
Dyke 2	12.8
Dyke 4	16.5
Dyke 5	16.5
Dyke 6	6.3
Mayfield 4 Ch 27 to 266	12.8
* BHP Wharf 6 to Ch 1050	7.9
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	16.5
Kooragang 6	16.5
Kooragang 8	15.6
Kooragang 9	15.6
* Kooragang Ship Receival KSR	7.5
Throsby 1	9.3
Carrington wharf	To be sounded as and when required
* Foreshore Park Berth	5.9
Elgo wharf	To be sounded as and when required
Channels	
Entrance Approach	17.7
Entrance Channel (18.0m)	18.0
Entrance Channel (17.4m)	17.4
Entrance Channel (16.8m)	16.8
Entrance Channel (16.2m)	16.1
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	12.8
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

49(T)/2011 AUSTRALIA - NEW SOUTH WALES - Clarence River - Nav aids off station; nav aids destroyed; depths unreliable; obstructions

NSW Maritime Notice NC1105/2011 (AA512489)

Nav aids in the Clarence River (29° 25'.0 S 153° 21'.0 E) may be off station or destroyed due to flooding. Depths may vary to those charted and underwater obstructions may exist.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 222

QUEENSLAND

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

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

Chart temporarily affected - Aus 238.

1244(T)/2006 AUSTRALIA - QUEENSLAND - Pioneer Bay - Airlie Beach - Harbour works; light buoys.

Former Notice - 1193(T)/2006 is cancelled

Maritime Safety Queensland Notice 745(T)/2006 (A216005).

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 268.

930(T)/2007 AUSTRALIA - QUEENSLAND - Hook Reef - Beacon destroyed

Maritime Safety Queensland Notice 659(T)/2007 (AA289086)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 254 – Aus 825

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

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

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>
Balaclava Leads	7.6
Kazatch Leads	7.0
Eupatoria Leads	7.9
Shell Point Leads	7.0
Swing Basin	5.8
Berth No 1	9.2
Berth No 2	9.2
Berth No 3	9.2

* Indicates revised entry.

Chart temporarily affected - Aus 265 - 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

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

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**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'.98 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

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

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

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

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

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

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

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, Fl.G.2.5s
27° 16'.60 S 153° 04'.26 E	lit port buoy, Fl.R.2.5s
27° 16'.57 S 153° 04'.11 E	lit starboard buoy, Fl.G.2.5s
27° 16'.59 S 153° 04'.09 E	lit port buoy, Fl.R.2.5s

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

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>Charted 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

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

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

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, FI(2)6s, exists in situ.

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

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

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

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

Chart temporarily affected - Aus 252 - Aus 253

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

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

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

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

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

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

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

Chart temporarily affected - Aus 252

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

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

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

Chart temporarily affected - Aus 252

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 259 - Aus 828

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

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

1321(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer

Former Notice - 1068(T)/2010 is cancelled

Date - Until 1 February 2011

Maritime Safety Queensland Notice 1003(T)/2010 (AA505325)

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

1329(T)/2010 AUSTRALIA - QUEENSLAND - Hay Point - Depth information

Former Notice - 714(T)/2010 is cancelled

Maritime Safety Queensland Notice 992(T)/2010 (AA505743)

Available depths as at 19 November 2010:

Metres

HPS Berth No 1	16.2
* HPS Berth No 2	16.7
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

1330(T)/2010 AUSTRALIA - QUEENSLAND - Mackay - Depth information

Former Notice - 762(T)/2010 is cancelled

Maritime Safety Queensland Notice 994(T)/2010 (AA505479)

Available depths as at 23 November 2010:

<i>Remarks</i>	<i>Metres</i>
* Entrance Channel	8.7
* Swing Basin	8.6
Berth No 1	10.6
* Berth No 3	12.7
* Berth No 4	10.4
* Berth No 5	12.1

* Indicates new or 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

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

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

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

Mariners are advised to navigate with caution in the area.

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

1381(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Lights buoys established

Date - Until 27 January 2011

Maritime Safety Queensland Notice 1057(T)/2010 (AA508927)

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

27° 28'.76 S 153° 01'.55 E
27° 28'.53 S 153° 01'.38 E
27° 28'.34 S 153° 01'.24 E.

Chart temporarily affected - Aus 238

1383(T)/2010 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling

Former Notice - 1073(T)/2010 is cancelled

Maritime Safety Queensland Notice 1054(T)/2010 (AA508923)

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 2.4m 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

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

1389(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Depth information

Former Notice - 220(T)/2010 is cancelled

Maritime Safety Queensland Notice 1077(T)/2010 (AA509945)

Available depths as at 15 December 2010:

	<i>Metres</i>
<i>Sea Channels:</i>	
Wild Cattle Cutting	16.1
Boyne Island Cutting	16.3
Boyne Island Extension Channel	9.0
Golding Cutting	16.1
South Bypass Channel	7.4
Gatcombe Channel	16.3
Gatcombe Bypass Channel	13.4
<i>Inner Channels:</i>	
* Auckland Channel	15.3
Auckland Bypass Channel	6.8
Clinton Channel	16.0
Clinton Bypass Channel	10.6
* Clinton Swing Basin	10.1
* Targinie Channel	10.2
Targinie Swing Basin East	10.9
* Targinie Swing Basin West	8.6
<i>Berths:</i>	
Boyne Smelter Wharf	15.0
South Trees East Wharf	13.8
South Trees West Wharf	13.0
Barney Point Wharf (east approach)	13.5
Barney Point Wharf (west approach)	11.5
Barney Point Wharf	15.0
Auckland Point No 1 Wharf	11.3
Auckland Point No 2 Wharf	11.3
Auckland Point No 3 Wharf	11.4
Auckland Point No 4 Wharf	11.3
Clinton No 1 Wharf	19.2
Clinton No 2 Wharf	18.4
Clinton No 3 Wharf	18.6
Clinton No 4 Wharf	19.1
Fishermans Landing Wharf No 1	13.6
Fishermans Landing Wharf No 2	13.3
Fishermans Landing Wharf No 4	11.4
Fishermans Landing Wharf No 5	11.4
* Indicates revised entry.	

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

1390(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Scientific instruments

Former Notice - 1283(T)/2009 is cancelled

Date - Until 31 January 2011

Maritime Safety Queensland Notice 1052(T)/2010 (AA508786)

Scientific instruments marked by special conical light buoys, Q.Y, exist as follows:

<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

1392(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - South Passage Island - Harbour works; light buoys established

Date - Until 28 February 2011

Maritime Safety Queensland Notice 1037(T)/2010, 1039(T)/2010 (AA508728, AA508730)

Piling operations are in progress in the vicinity of position 23° 46'.74 S 151° 11'.88 E.

The barges *AMS 1801*, *Yarra 2*, *Steel Rover*, *Steel Ranger* and *Kim Heng 123* are onsite.

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

Lights buoys, *Fl.Y.3.5s*, exist in the following positions:

23° 46'.74 S 151° 11'.88 E
23° 46'.77 S 151° 11'.89 E
23° 46'.79 S 151° 11'.90 E
23° 46'.82 S 151° 11'.91 E
23° 46'.85 S 151° 11'.91 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 245

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

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

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

Chart temporarily affected - Aus 254

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

Former Notice - 134(T)/2010 is cancelled

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

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

Mariners are not to use this buoy as a mooring.

Chart temporarily affected - Aus 256 - Aus 827

1396(T)/2010 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information

Former Notice - 1331(T)/2010 is cancelled

Maritime Safety Queensland Notice 1070(T)/2010 (AA509613)

Available depths as at 2 December 2010:

	<i>Metres</i>
* Departure Channel	9.8
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

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

Former Notice - 836(T)/2009 is cancelled

Maritime Safety Queensland Notice 1102(T)/2010 (AA511200)

Available depths as at 15 December 2010:

	<i>Metres</i>
Centre line leads (255°)	5.3
Southern approach leads (291°)	5.7

Shoal areas, with a least depth of 3.9m, exist north of the centre line leads, approximately 770m north east of the seaway south wall.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 230

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

Former Notice - 837(T)/2009 is cancelled

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

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

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

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

Deeper water to 4.5m is found to the west of the channels centre line.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 230

52(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information

Former Notice - 1320(T)/2010 is cancelled

Port of Brisbane Corporation (AA511258)

Available depths and under keel clearances (UKC) at 22 December 2010:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No10	14.1	
Fisherman Islands No9	14.1	
Fisherman Islands No8	14.0	
Fisherman Islands No7	14.2	
Fisherman Islands No6	14.0	
Fisherman Islands No5	14.0	
Fisherman Islands No4	14.0	
Fisherman Islands No3	14.1	
* Fisherman Islands No2	14.0	
Fisherman Islands No1	14.1	
Fisherman Islands Grain and Woodchip	13.1	
* Caltex Fisherman Islands	14.5	
* BP Luggage Point	14.5	
Fisherman Islands Coal	13.7	
* Fisherman Islands General Purpose	11.5	
Caltex Products	10.0	
Cement Australia Co Wharf	9.8	
BP Products	10.9	
* Shell	10.9	
Pacific Terminals	10.8	
* Incitec North	10.1	
* Incitec South	10.4	
* Pinkenba 1	10.4	
* Pinkenba 2	10.4	
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	10.3	
* Maritime No1	9.1	
Hamilton No4	10.3	
* Hamilton No1	8.8	
* Brisbane Cruise Ship Terminal	8.8	

	<i>Metres</i>	<i>UKC/Remarks</i>
<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

54(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Obstructions

Maritime Safety Queensland Notice 36(T)/2011 (AA512482)

Nav aids in the Brisbane River (27° 23'.0 S 153° 10'.0 E) may be off station or destroyed due to flooding.

Large quantities of navigational hazards exist in the area and underwater obstructions may be prevalent.

Vessels are undertaking salvage operations and mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 237 – Aus 238

55(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Mooring buoys

Maritime Safety Queensland Notice 37(T)/2011 (AA512483)

Unlit mooring buoys exist in positions:

27° 20'.80 S 153° 07'.11 E

27° 20'.73 S 153° 07'.11 E

27° 20'.66 S 153° 07'.12 E

27° 24'.07 S 153° 09'.61 E

27° 24'.06 S 153° 09'.65 E

Chart temporarily affected – Aus 236 – Aus 237

56(T)/2011 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Wreck

Maritime Safety Queensland Notice 30(T)/2011 (AA511951)

A wreck marked by a special light buoy, *Fl. Y. 1-5s*, exists in position 25° 39'.64 S 152° 58'.48 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 240 – Aus 817

57(T)/2011 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Nav aids off station; nav aids destroyed; depths unreliable; obstructions

Maritime Safety Queensland Notice 22(T)/2011 (AA511663)

Nav aids in the Burnett River (24° 45'.3 S 151° 24'.0 E) may be off station or destroyed due to flooding. Depths may vary to those charted and underwater obstructions may exist.

Mariners are advised to avoid navigating in the Burnett River until further notice.

Chart temporarily affected – Aus 242

58(T)/2011 AUSTRALIA - QUEENSLAND - Boyne River - Nav aids off station; nav aids destroyed
Maritime Safety Queensland Notice 1097(T)/2010 (AA511612)

Nav aids in the Boyne River (23° 56'.5 S 151° 21'.3 E) may be off station or destroyed due to flooding.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 246

59(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Anchorage area
Maritime Safety Queensland Notice 27(T)/2011 (AA511950)

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

23° 45'.0 S 151° 09'.8 E
23° 45'.0 S 151° 10'.0 E
23° 46'.4 S 151° 10'.1 E
23° 46'.4 S 151° 10'.4 E.

Mooring buoys exist within the area.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 245

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 247 – Aus 819

62(P)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Light beacons established
Date - On or about 14 January 2011
Maritime Safety Queensland Notice 1109/2010 (AA511360)

Light beacons exist as follows:

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

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

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

63(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations
Date - Until 4 March 2011
Maritime Safety Queensland Notice 1096(T)/2010 (AA511221)

Dredging operations are in progress in Marlin Marina (16° 55'.15 S 145° 46'.91 E).

Special light buoys, Q, mark the anchors deployed by the barge.

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

67(T)/2011 AUSTRALIA - QUEENSLAND - Weipa - Depth information
Former Notice - 391(T)/2010 is cancelled
Maritime Safety Queensland Notice 18(T)/2011 (AA511659)

Available depths as at 6 January 2011:

	<i>Metres</i>
Weipa Approaches	11.1
South Channel	11.1
* Departure Channel	11.1
Cora Bank South Channel	7.3
Humbug Point Approaches	8.6
Humbug Point Berth	9.5
Evans Landing	9.6
Lorim Point East	12.3
Lorim Point West	12.3

* Indicates new or revised entry

Chart temporarily affected – Aus 4

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

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

1399(T)/2010 AUSTRALIA - TIMOR SEA - Van Cloon Shoal - Drilling operations northeastwards

Date - Until 2 March 2011

Total E&P Australia (AA509018)

The drill rig *Songa Venus* will be conducting drilling operations at well *Durville-1* (11° 31'.24 S 127° 06'.99 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 315 - AX 0315F

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)

Anchorage 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

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

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

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:

<i>Location</i>	<i>Metres</i>
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

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

Former Notice - 523(T)/2004 is cancelled
MetOcean Engineers (AA472066)

Scientific instruments exist as follows:

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

Chart temporarily affected - Aus 327

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

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

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

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>Fl(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>Fl(5)Y.20s</i> and 2 white poly-floats
21° 20'.52 S 115° 03'.30 E	lit buoy, <i>Fl(5)Y.20s</i> and 2 white poly-floats
20° 59'.28 S 115° 09'.78 E	lit buoy, <i>Fl(5)Y.20s</i> and 2 white poly-floats
21° 02'.04 S 115° 10'.56 E	lit buoy, <i>Fl(5)Y.20s</i> and 2 white poly-floats
21° 12'.30 S 115° 09'.00 E	lit buoy, <i>Fl(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>Fl(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

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

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

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

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

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	<i>Fl(5)Y.20s</i>
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	<i>Fl(5)Y.20s</i>
20° 07'.85 S 118° 24'.18 E	<i>Fl(5)Y.20s</i>
20° 07'.81 S 118° 24'.13 E	<i>Fl(5)Y.20s</i> 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, *Fl(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

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

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

1335(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Bedout Islet - Seismic survey northwards

Former Notice - 1268(T)/2010 is cancelled

Date - Until 14 January 2011

Fugro Multi Client Services Pty Ltd (AA503347, AA503349, AA505943, AA506001)

MV *Geo Celtic*, with a 7050m towed array, and support vessel GO *Sealink* 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. Mariners are advised not to approach within 5M of MV *Geo Celtic*

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

1338(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Seismic survey southwestwards

Date - Until 27 December 2010

Shell Development (Australia) Pty Ltd (AA505828, AA505837)

MV *Pacific Explorer*, with a 5100m towed array, is conducting survey operations in the area bounded by the following positions:

22° 05'.70 S 113° 04'.88 E

22° 10'.37 S 113° 15'.37 E

22° 03'.03 S 113° 19'.12 E

21° 58'.37 S 113° 08'.63 E.

Chart temporarily affected - Aus 329 - Aus 745 - AU323113

1401(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Seismic survey

Date - Until 30 June 2011

Petroleum Geo-Services (AA509346, AA509347)

MV *Ramform Explorer*, towing ten 6500m cables, and support vessel MV *Nautika Pride* are conducting a survey in an area bounded by the following positions:

15° 10'.78 S 122° 39'.80 E
15° 10'.78 S 122° 25'.28 E
14° 11'.66 S 122° 25'.28 E
13° 53'.94 S 122° 44'.15 E
13° 53'.94 S 123° 29'.07 E
14° 14'.24 S 123° 29'.07 E
14° 14'.24 S 124° 04'.94 E
14° 29'.82 S 124° 04'.94 E
14° 29'.82 S 124° 09'.95 E
14° 39'.83 S 124° 09'.95 E
14° 39'.83 S 124° 01'.61 E
15° 00'.41 S 123° 39'.91 E
15° 00'.41 S 122° 51'.38 E.

Chart temporarily affected - Aus 319 - Aus 320 - Aus 322 - Aus 729 – Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 0319F - AX 0322F - AX 4721F - AX 4722F

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

Date - Until 30 June 2012

Department of Transport WA (AA509635)

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

The dredge material will be deposited within the following areas:

Area 1

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

Area 2

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

Area 3

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

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

Mariners are advised to navigate with caution in the area.

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

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

Former Notice - 571(T)/2010 is cancelled

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

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

Chart temporarily affected - Aus 327

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

Date - Until 18 December 2011

Fugro Survey Pty Ltd (AA509619 - AA509621)

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

Chart temporarily affected - Aus 329

1409(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Seismic survey

Date - Until 28 February 2011

Schlumberger (AA508864)

RV *WG Cook*, towing eight 6000m cables, and support vessel *OMS Discovery* are conducting a survey in an area bounded by the following positions:

21° 56'.54 S 113° 28'.93 E
21° 51'.53 S 113° 53'.92 E
21° 46'.65 S 113° 58'.92 E
21° 40'.74 S 113° 58'.90 E
21° 40'.70 S 113° 28'.80 E
21° 28'.31 S 113° 28'.91 E
21° 28'.31 S 113° 01'.27 E
21° 48'.24 S 112° 56'.25 E
21° 56'.53 S 112° 56'.24 E.

Vessels will monitor VHF Ch 16 and 73.

Chart temporarily affected - Aus 329 - Aus 745 - Aus 4723 - Aus 4725

1410(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Cape Range - Seismic survey westwards

Date - Until 15 January 2011

Shell Development (Australia) Pty Ltd (AA509813, AA509814)

MV *Pacific Explorer* is conducting a survey in an area bounded by the following positions:

22° 05'.70 S 113° 04'.88 E
22° 10'.37 S 113° 15'.37 E
22° 03'.03 S 113° 19'.12 E
21° 58'.37 S 113° 08'.63 E.

Chart temporarily affected - Aus 329 - Aus 745

1411(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Oakajee - Scientific instruments

Date - Until 31 December 2011

MetOcean Engineers (AA508525)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 28° 35'.51 S 114° 33'.71 E and 28° 34'.97 S 114° 33'.90 E (WGS84 datum).

Chart temporarily affected - Aus 332 - Aus 333 - Aus 751

68(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Lacepede Islands to James Price Point - Scientific instruments

Date - Until 31 July 2011

MetOcean Engineers (AA511743)

Scientific instruments exist as follows:

Position	Remarks
17° 29'.44 S 121° 53'.42 E	lit buoy, <i>Fl(5)Y.20s</i>
17° 29'.12 S 121° 53'.25 E	lit buoy, <i>Fl(5)Y.20s</i>
16° 47'.62 S 121° 43'.70 E	lit buoy, <i>Fl(5)Y.20s</i>

Chart temporarily affected – Aus 323 – Aus 324

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

Date - Until 29 November 2011

Chevron Australia Pty Ltd (AA511777)

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

21° 05'.93 S 115° 30'.83 E	21° 02'.44 S 115° 29'.08 E
20° 57'.74 S 115° 28'.07 E	20° 54'.52 S 115° 32'.33 E
20° 54'.36 S 115° 32'.25 E	20° 54'.09 S 115° 27'.74 E
20° 53'.06 S 115° 30'.78 E	20° 51'.73 S 115° 28'.09 E
20° 51'.61 S 115° 31'.95 E	20° 51'.56 S 115° 29'.54 E
20° 50'.30 S 115° 30'.18 E	20° 50'.13 S 115° 30'.25 E
20° 49'.95 S 115° 30'.35 E	20° 49'.92 S 115° 30'.35 E
20° 49'.85 S 115° 30'.40 E	20° 49'.53 S 115° 29'.20 E
20° 49'.52 S 115° 28'.54 E	20° 49'.32 S 115° 30'.67 E
20° 49'.01 S 115° 30'.83 E	20° 48'.58 S 115° 28'.59 E
20° 48'.38 S 115° 28'.95 E	20° 48'.30 S 115° 30'.30 E

20° 48'.04 S 115° 28'.52 E	20° 47'.39 S 115° 29'.94 E
20° 47'.28 S 115° 30'.63 E	20° 47'.10 S 115° 30'.02 E
20° 47'.04 S 115° 29'.78 E	20° 46'.79 S 115° 29'.29 E
20° 44'.16 S 115° 29'.05 E	20° 44'.00 S 115° 29'.16 E
20° 41'.19 S 115° 24'.75 E	20° 37'.86 S 115° 35'.19 E
20° 33'.33 S 115° 34'.32 E	20° 30'.47 S 115° 33'.85 E.

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

70(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information

Former Notice - 1340(T)/2010 is cancelled

Fremantle Ports (AA512171)

Available depths as at 10 January 2011:

<i>Berth</i>	<i>Metres</i>
No 1	11.0
No 2	11.0
No 4	12.4
No 5	12.4
* No 6	14.0 (east from bollard 36)
* No 7	14.0 (east from bollard 36)
* No 8	14.0
* No 9	14.0
* No 10	14.0
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.

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

Chart temporarily affected – Aus 113

71(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Owen Anchorage - Harbour works

Date - Until 30 June 2011

Department of Transport WA Notice 145/2010 (AA512206)

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

An exclusion zone marked by special light buoys exists within the marina and only vessels authorised by the Department of Transport may access the area.

Chart temporarily affected – Aus 117 – AX 70117

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

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

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

1344(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Cape Jaffa - Wreck westwards

Department of Transport, Energy and Infrastructure Notice 51/2010 (AA506578)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 347

1412(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Light destroyed

Former Notice - 774(T)/2010 is cancelled

OneSteel Whyalla Steelworks (AA508915)

The light (33° 00'.81 S 137° 35'.33E) has been destroyed; a light, *F.Bu (occas)*, exists in situ.

Chart temporarily affected - Aus 136

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

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

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

1035(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Obstruction

Former Notice - 797(T)/2007 is cancelled

Victorian Notice 92(T)/2010 (AA495912)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 158

1100(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Princes Pier - Harbour works

Former Notice - 223(T)/2008 is cancelled

Date - Until 30 June 2011

Victorian Notice 94(T)/2010 (AA496795)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154 - Aus 155

1153(T)/2010 AUSTRALIA - VICTORIA - Kilcunda - Exclusion zone

Date - Until 30 June 2011

Victorian Notice 99(T)/2010 (AA498000)

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

<i>Position</i>	<i>Remarks</i>
38° 35'.51 S 145° 30'.43 E	north cardinal light buoy, Q
38° 35'.51 S 145° 30'.13 E	west cardinal light buoy, Q(9)15s
38° 35'.87 S 145° 30'.26 E	west cardinal light buoy, Q(9)15s
38° 36'.23 S 145° 30'.38 E	south cardinal light buoy, Q(6)+LFl.15s
38° 36'.23 S 145° 30'.63 E	south cardinal light buoy, Q(6)+LFl.15s
38° 36'.04 S 145° 30'.85 E	east cardinal light buoy, Q(3)10s
38° 35'.85 S 145° 31'.07 E	
38° 35'.52 S 145° 30'.73 E.	

Only authorised vessels are permitted entry.

Chart temporarily affected - Aus 150 - Aus 801

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

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

West Head Gunnery Range (AA501498)

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

Chart temporarily affected - Aus 150 - Aus 801 - AU439145

1291(T)/2010 AUSTRALIA - VICTORIA - Ninety Mile Beach - Obstructions

Former Notice - 458(T)/2007 is cancelled

Victorian Notice 51(T)/2007 (AA242065)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357 - AU439146

1352(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Rye - Dredging operations

Date - Until 28 January 2011

Victorian Notice 118(T)/2010 (AA505778)

Dredging operations are in progress in position 38° 22'.08 S 144° 49'.24 E.

The dredge material will be deposited in the vicinity of position 38° 22'.14 S 144° 49'.46 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 158

1354(T)/2010 AUSTRALIA - VICTORIA - Corner Inlet - Shoaling

Former Notice - 1213(T)/2008 is cancelled

Victorian Notice 128(T)/2008 (AA368471)

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

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

Chart temporarily affected - Aus 181 - Aus 802

1420(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Harbour works

Former Notice - 1150(T)/2010 is cancelled

Date - Until 31 March 2011

Victorian Notice 133(T)/2010 (AA508979)

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.

The following restrictions apply until the 17 December 2010 and the restrictions will resume on 10 January 2011; 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 once they have obtained a permit from the Berth Allocator 24 hours prior to transit. The Berth Allocator can be contacted via email on berthallocator@portofmelbourne.com. Incoming vessels report to Lonsdale VTS 2 hours prior to arrival at Port Phillip pilot station and departing vessels report to Melbourne VTS 4 hours prior to departing from berths upstream of the West Gate Bridge.

Chart temporarily affected - Aus 154

1424(T)/2010 AUSTRALIA - BASS STRAIT - Drilling operations

Former Notice - 1290(T)/2010 is cancelled

Date - Until 31 March 2011

Esso Australia Pty Ltd (AA509554)

DB30 is laying pipelines between Snapper (38° 11'.63 S 148° 01'.52 E) to Marlin B (38° 13'.77 S 148° 13'.26 E), Marlin B to West Tuna (38° 11'.51 S 148° 23'.31 E) and from West Tuna to Kipper (38° 10'.86 S 148° 35'.61 E). A 500m safety zone exists around the vessel.

Subsea production wells exist in positions:

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.

A 500m safety zone exists around the wells.

Chart temporarily affected - Aus 357 - Aus 487

74(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Entrance Deep - Underwater survey work

Date - Until 16 April 2011

Victorian Notice 6(T)/2011 (AA512240)

Diving and Remote Operating Vehicle (ROV) surveys of the Rip Bank will be conducted along the Entrance Deep (38° 17'.9 S 144° 38'.1 E) during the following periods:

17 to 21 January 2011,

31 January to 5 February 2011,

15 to 19 February 2011,

28 February to 4 March 2011,

15 to 19 March 2011,

29 March to 3 April 2011,

13 to 16 April 2011.

The surveys will commence at times of predicted slack water and continue up to one hour thereafter.

RV *Orca II* will be conducting the survey operations and can be contacted on VHF Ch 12 and Ch 16 or on mobile 0407088850.

Diving operations will be conducted from the vessel *Barwon Pride* and can be contacted on VHF Ch 12 and Ch 16 or on mobile 0417553299.

The entrance channels may be closed to shipping during certain periods when underwater activities take place in the Great Ship Channel.

The Eastern Ship Channel and Outer Eastern Channel may remain open to shipping when underwater activities take place in the Western Ship Channel and/or Outer Western Channel. During the closure periods vessels must not pass or overtake in the Eastern Ship Channel and Outer Eastern Channel.

Details of the planned daily program can be obtained from Point Lonsdale Signal Station on VHF Ch 12.

Vessels intending to use any of the entrance channels should make early contact with Point Lonsdale VTS.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 143 – Aus 144 – Aus 158

77(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Appleton Dock - Harbour works

Date - Until 31 August 2011

Victorian Notice 2(T)/2011 (AA512223)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 154

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

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

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

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

Marine and Safety Tasmania Notice M119/2010 (AA508866)

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

Chart temporarily affected - Aus 163 - Aus 799

72(T)/2011 AUSTRALIA - TASMANIA - North West Bay - Beacon destroyed

Marine and Safety Tasmania Notice M5/2011 (AA512451)

The port lateral beacon (43° 02'.90 S 147° 16'.43 E) has been destroyed; a port lateral buoy has been established in situ.

Chart temporarily affected – Aus 171 – Aus 173 – Aus 174 – Aus 796

PAPUA NEW GUINEA and SOUTH PACIFIC

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

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

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

A verification survey will be undertaken shortly.

Chart which will be affected - Aus 646.

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

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

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

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

1397(T)/2010 PAPUA NEW GUINEA - Gulf of Papua - Seismic survey
Date - Until 22 January 2011

RV *Ramform Sterling* and support vessel MV *Nautika Resolve* are conducting a survey in the area bounded by the following positions:

8° 40'.0 S 144° 42'.0 E
8° 49'.5 S 144° 48'.0 E
8° 42'.0 S 144° 59'.0 E
8° 51'.0 S 145° 04'.0 E
8° 48'.5 S 145° 09'.0 E
8° 56'.0 S 145° 14'.5 E
8° 44'.0 S 145° 33'.0 E
8° 23'.0 S 145° 18'.0 E
8° 17'.0 S 145° 25'.5 E
8° 01'.0 S 145° 14'.5 E
8° 01'.0 S 145° 07'.5 E
8° 11'.0 S 144° 53'.0 E
8° 26'.5 S 145° 03'.0 E.

Chart temporarily affected - Aus 378 - Aus 502

64(T)/2011 PAPUA NEW GUINEA - Eastern Fields - Seismic survey northwestwards

Date - Until 5 April 2011

National Maritime Safety Authority PNG Notice 6/2001 (AA512484)

MV *BGP Explorer* is conducting a survey in an area bounded by the following positions:

9° 48'.0 S 145° 17'.0 E
9° 59'.0 S 145° 27'.0 E
9° 44'.0 S 145° 42'.0 E
9° 35'.0 S 145° 32'.0 E.

Chart temporarily affected – Aus 377 – AX 60377

65(T)/2011 PAPUA NEW GUINEA - Port Moresby to Kerema Bay - Seismic survey

Date - Until 10 March 2011

National Maritime Safety Authority PNG Notice 6/2011 (AA512484)

MV *HaiYangShiYou 719* is conducting a survey in an area bounded by the following positions:

8° 30'.0 S 145° 48'.0 E
9° 00'.0 S 146° 24'.0 E
9° 45'.0 S 147° 13'.0 E
9° 50'.0 S 147° 08'.0 E
8° 42'.0 S 145° 37'.0 E.

Chart temporarily affected – Aus 377 – Aus 379 – Aus 505 – Aus 621 – AX 60377

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

Date - Until 31 January 2013

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

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

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

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

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 379

79(T)/2011 PACIFIC OCEAN - South Fiji - Light buoy off station

Australian Bureau of Meteorology (AA512200)

The light buoy, *Fl. Y. 2s* (26° 04'.0 S 176° 00'.0 E), is drifting and currently in position 25° 27'.78 S 175° 45'.90 E (11 Jan 2011).

Chart temporarily affected – Aus 4602 (INT 602)

EAST TIMOR

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

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

Chart temporarily affected - Aus 901.

MISCELLANEOUS

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.