

**TEMPORARY AND PRELIMINARY NOTICES**  
**In force on 21 May 2010**

**NEW SOUTH WALES**

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 191.**

**454(T)/2006 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Gore Cove - Shoaling.**  
Sydney Ports Corp (A192164).

Shoaling, least depth *13.2 metres*, exists in the vicinity of 33° 50'.51 S 151° 11'.24 E.

Tankers are required to maintain a UKC of 10% of draught plus 0.2 metres.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 202 - AU5X200W.**

**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**

**864(T)/2008 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Obstructions**  
NSW Maritime (AA354885)

Lost anchors and cables exist in the area bounded by (WGS84 datum):

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 361 - Aus 808 - AX 0808E - AU435150 - AU5XX194**

**866(T)/2008 AUSTRALIA - NEW SOUTH WALES - Newcastle - Obstructions**  
NSW Maritime (AA354885)

Lost anchors and cables exist in the area bounded by (WGS84 datum):

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 361 - Aus 362 - Aus 809 - AX 0809E - AU433151 - AU5XX208**

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

University of New South Wales (AA361285)

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

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

**1036(T)/2008 AUSTRALIA - NEW SOUTH WALES - Point Long Nose - Offshore works**

*Former Notices* - 105(T)/2008, 865(T)/2008 are cancelled

Cardno (AA362534), Hydrographic Surveys Pty Ltd (AA354450)

Offshore works associated with the construction of the desalination plant are in progress in an area bounded from the coast to 34° 01'.4 S 151° 14'.1 E and 34° 02'.2 S 151° 14'.1 E.

A jack-up drilling rig *Seafox 6*, barges and tugs will be involved in the works.

Lit mooring buoys exist within the area. A lit special buoy, *Fl(5)Y.20s*, exists in position 34° 01'.84 S 151° 13'.86 E.

Vessels not associated with the works should keep 500 metres clear of the area.

**Chart temporarily affected – Aus 197 – Aus 198 – Aus 808 – AX 0808E - AU5198X9**

**496(T)/2009 AUSTRALIA - NEW SOUTH WALES - Shoalhaven Bight - Unexploded ordnance**

Department of Defence (AA399927)

Unexploded ordnance exists in positions 34° 56'.60 S 150° 50'.47 E and 34° 57'.99 S 150° 50'.35 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 807 - Aus 808 – AX 0808E - AU435150**

**658(T)/2009 AUSTRALIA - NEW SOUTH WALES - Port Stephens - Corrie Island - Shoaling**

A Calcutt, NSW Maritime (AA409479)

Shoaling exists between positions 32° 40'.35 S 152° 07'.86 E and 32° 40'.26 S 152° 08'.10 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 209 - AU433152**

**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](http://www.maritime.nsw.gov.au).

**Chart temporarily affected – Aus 198 – Aus 199 - AU5198X9**

**1114(T)/2009 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Pipeline**

*Date* - Until 31 March 2010

NSW Maritime Notice SU0911 (AA430370)

Works associated with Energy Australia's Botany Bay Cable Project are in progress in areas defined by the following positions:

La Perouse

33° 59'.48 S 151° 13'.77 E  
33° 59'.53 S 151° 13'.70 E  
33° 59'.41 S 151° 13'.58 E  
33° 59'.36 S 151° 13'.65 E

Yarra Bay

33° 58'.81 S 151° 13'.72 E  
33° 58'.67 S 151° 13'.55 E  
33° 58'.67 S 151° 13'.49 E  
33° 58'.92 S 151° 13'.45 E  
33° 58'.71 S 151° 13'.10 E

The areas are marked by special light buoys every 100m.

All vessels and pontoons will display appropriate lights.

For further information visit [www.maritime.nsw.gov.au](http://www.maritime.nsw.gov.au).

**Chart temporarily affected – Aus 198 – Aus 199 - AU5198X9**

**1177(T)/2009 AUSTRALIA - NEW SOUTH WALES - Cowan Creek - Refuge Bay - Raft removed**

NSW Maritime (AA433101)

The lit raft (33° 35'.96 S 151° 15'.01 E) has been removed; an unlit mooring buoy exists in situ.

**Chart temporarily affected – Aus 204 – Aus 217 - AU5XX204**

**1234(P)/2009 AUSTRALIA - NEW SOUTH WALES - Cape Solander - Pilot boarding place trial eastwards**

*Former Notice* - 1174(P)/2009 is cancelled

*Date* - Until 30 April 2010

Sydney Ports Corporation (AA432903)

A six month trial of the operation of a single pilot boarding place for Sydney Harbour and Botany Bay will be in force from 28 October 2009.

Pilot boarding and disembarkation operations at the pilot boarding place for Sydney Harbour will cease on 27 October 2009.

Pilot boarding for Sydney bound vessels will take place at Botany Bay pilot boarding place (34° 01'.2 S 151° 18'.7 E). Masters should note that the limit of compulsory pilotage area remains at the port limit and pilots will not take the conduct of the vessel until it approaches the port limit of Sydney Harbour.

Pilot disembarkation for vessels bound from Sydney will also take place at the Botany Bay pilot boarding place. Masters should note that pilots will hand over the conduct of the vessel as it passes the port limit of Sydney Harbour.

**Chart which will be affected - Aus 197 - Aus 808 - AX0808E - AU434151 - AU435151**

**1438(T)/2009 AUSTRALIA - NEW SOUTH WALES - Georges River - Light beacon removed; light buoy established**

NSW Maritime (AA223961, AA223962, AA444947)

The light beacon, *Fl.G.3s* (34° 00'.59 S 151° 08'.03 E), has been removed.

A starboard lateral conical light buoy, *Fl.G.3s*, exists in position 34° 00'.61 S 151° 08'.01 E.

**Chart temporarily affected - Aus 198 - AU5198X9**

**1439(T)/2009 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Homebush Bay - Scientific instruments; piles; silt curtain**

*Former Notice* - 650(T)/2007 is cancelled

*Date* - Until 30 June 2010

Homebush Bay and Lednez Remediation Projects (AA255104, AA255105, AA255106), Thiess Services Pty Ltd (AA441189, AA441190)

Special conical light buoys exist in the following positions (WGS84 datum):

33° 50'.02 S 151° 04'.80 E  
33° 49'.43 S 151° 05'.04 E  
33° 49'.79 S 151° 04'.84 E  
33° 49'.71 S 151° 04'.88 E  
33° 49'.99 S 151° 04'.83 E  
33° 49'.90 S 151° 04'.77 E  
33° 49'.80 S 151° 04'.85 E  
33° 49'.72 S 151° 04'.88 E  
33° 49'.98 S 151° 04'.83 E  
33° 49'.90 S 151° 04'.78 E.

A containment barrier supported by piles exists between the following positions:

33° 49'.57 S 151° 05'.02 E  
33° 49'.42 S 151° 05'.15 E  
33° 49'.40 S 151° 05'.13 E  
33° 49'.34 S 151° 05'.19 E  
33° 49'.37 S 151° 05'.23 E  
33° 49'.38 S 151° 05'.23 E  
33° 49'.38 S 151° 05'.24 E.

A silt curtain exists in the area surrounding the piles.

**Chart temporarily affected - Aus 200 - Aus 203 - AU5X200W**

**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**

**50(T)/2010 AUSTRALIA - NEW SOUTH WALES - Hastings River - Bar crossing; light discontinued**

NSW Maritime Notice NC0954 (AA447802)

The rear leading light (31° 25'.63 S 152° 54'.71 E) has been temporarily discontinued.

The recommended approach into the Hastings River is with the front leading light bearing 250°; mariners should refer to the estuary and river entrances chart note.

**Chart temporarily affected - Aus 219**

**51(T)/2010 AUSTRALIA - TASMAN SEA - Norfolk Island - Wreck**

Australian Transport Safety Bureau (AA446984)

A wreck marked by buoys exists in position 29° 03'.27 S 167° 52'.41 E.

**Chart temporarily affected - Aus 609 - AU430167**

**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**

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

Date - Until 30 September 2010

VISCAS Corporation (AA464515, AA464516)

Vessels *Steel Hauler, Edi, Piranha, Intrepid* and 2 support vessels are laying power cables between the following positions;

34° 00'.4 S 151° 12'.9 E

34° 00'.3 S 151° 12'.9 E

33° 59'.4 S 151° 13'.9 E.

**Chart temporarily affected - Aus 198 - Aus 199 - AU5198X9**

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

Former Notice - 1281(T)/2009 is cancelled

Port Kembla Port Corporation Notice 3/2010 (AA466480, AA466481)

Available depths as at 16 April 2010:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Inner Harbour	15.1	
* North West Basin	11.2	
* 101	11.3	
* 102	15.7	
* 103	11.1	
* 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	10.5	
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	9.6	
* 204	4.2	
* 205	6.8	
* 206	11.1	

\* Indicates new or revised entry.

**Chart temporarily affected - Aus 194 - AU5XX194**

**435(T)/2010 AUSTRALIA - NEW SOUTH WALES - Newcastle - Seismic survey**

RPS Aus and Asia Pacific (AA466239)

MV *Limitless* with a 600m towed array is conducting a survey in the area bounded by the following positions:

33° 24'.81 S 151° 27'.97 E

33° 42'.26 S 151° 48'.78 E

32° 48'.45 S 152° 40'.77 E

32° 31'.30 S 152° 20'.53 E.

**Chart temporarily affected - Aus 197 - Aus 204 - Aus 207 - Aus 208 - Aus 209 - Aus 215 - Aus 219 - Aus 423 - Aus 424 - Aus 489 - Aus 809 - Aus 810 - AX 0809E - AX 6031G - AU334152 - AU433152 - AU434151 - AU5809P1 - AU5809P2 - AU5XX204 - AU5XX208**

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

Former Notice - 372(T)/2010 is cancelled

Newcastle Port Corporation (AA470442, AA471417)

Available depths as at 19 May 2010:

<i>Berth</i>	<i>Metres</i>
Western Basin 3	11.4
Western Basin 4	11.4
Eastern Basin 1	11.2
* Eastern Basin 2 North of Ch 450	11.6
Eastern Basin 2 South of Ch 450	11.0
Dockyard 2 (Dredge)	4.0
Channel Berth	8.3
Dyke 1	12.8
* Dyke 2	12.8
Dyke 4	16.1
Dyke 5	16.1
Dyke 6	6.3
* Mayfield 4 Ch 50 to 266	12.8
BHP Wharf 6 to Ch 1050	7.8
Kooragang 2	11.6
Kooragang 2 North Dolphin 11.0	
Kooragang 2 South Dolphin	11.0
Kooragang 3	13.0
Kooragang 4	16.5
Kooragang 5	16.1
Kooragang 6	16.0
* Kooragang 8	15.3
Kooragang 9	TBA
Kooragang Ship Receival KSR	8.0
Throsby 1	9.3
Carrington wharf	To be sounded as and when required
Former Tug berth 4	6.5
Elgo wharf	To be sounded as and when required
<i>Channels</i>	
Entrance Approach	17.7
Entrance Channel (18.0m)	18.0
Entrance Channel (17.4m)	17.4
Entrance Channel (16.8m)	16.8
Entrance Channel (16.2m)	16.1
Entrance Channel to Horseshoe	15.2
Horseshoe	15.2
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 8)	14.5
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 new or revised entry.

**Chart temporarily affected - Aus 207 - Aus 208 - AU5XX208**

## QUEENSLAND

### **653(P)/2001 AUSTRALIA - CORAL SEA - Lihou Reef - Shoals.** LADS Flight (01/8133). (AH99/179)

A survey has revealed numerous coral pinnacles, of depths less than 5 metres, existing between the charted reefs and the 50 metre isobath.

Along the sunken barrier reef between 17° 30'.0 S 151° 22'.0 E and 17° 40'.0 S 151° 18'.0 E shoals of depth 10 to 15 metres exist.

Mariners should navigate with caution in the area.

A new edition of the chart will be produced in due course.

**Chart which will be affected – Aus 614.**

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 701.**

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

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

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

**Chart temporarily affected - Aus 252.**

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

The lights K2873.3 (27° 26'.59 S 153° 06'.65 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.**

**102(T)/2007 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light sector partially undefined.**

Former Notice - 706(T)/2004 is cancelled

Maritime Safety Queensland Notice 24(T)/2007 (A224712).

M2 beacon Dir WRG. 4M (occas) light K2859.5 (27° 03'.47 S 153° 18'.78 E (WGS 84 datum)) is unreliable.  
The port lateral light is unaffected.

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

**694(T)/2007 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information and keel clearances**

Former Notice - 653(T)/2007 is cancelled

Maritime Safety Queensland 497(T)/2007 (AA270959)

Available depths and under keel clearances (UKC) as at 27 July 2007:

	<i>Metres</i>	<i>UKC/Remarks</i>
Bay:		
North East Channel	5.5	Channel not maintained
* North West Channel	15.0	1.8 (NW FWY)
(over 280m width)	-	2.35 (NW2-3)
	-	2.1 (NW3-12)
Spitfire Channel	15.0	1.5
(over 280m width)		
East Knoll Bypass Channel	6.9	1.4
East Channel	15.0	1.5
(over 300m width)		
Main Channel (M8 - M9)	10.0	1.8
Brisbane River:		
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 depending draft and tide
Alongside all berths	-	0.3

\* Indicates new or revised entry.

**Chart temporarily affected – Aus 235 – Aus 236**

**733(T)/2007 AUSTRALIA - QUEENSLAND - Moreton Bay - Tangalooma Point – Wreck; buoy**

Maritime Safety Queensland 511(T)/2007 (AA277143)

A wreck exists in position (WGS 84 datum) 27° 11'.717 S 153° 21'.759 E marked by a unlit white spherical buoy.

**Chart temporarily affected – Aus 236**

**774(T)/2007 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Shoaling**

Maritime Safety Queensland Notice 483(T)/2007 (AA270982)

Mariners are advised that shoaling least depth *1.9m*, has been reported in the western channel close to the marina berths in the vicinity of 27° 11'.64 S 153° 06'.28 E.

Shoaling least depth *1.8m*, has been reported in the southern channel in the vicinity of 27° 11'.65 S 153° 06'.47 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 236**

**890(T)/2007 AUSTRALIA - QUEENSLAND - Skardon River - Shoaling**

Maritime Safety Queensland Notice 614(T)/2007 (AA285408)

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 701**

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

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

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

Mariners are advised to navigate with caution in the area.

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

**937(T)/2007 AUSTRALIA - QUEENSLAND - Karumba - Obstruction; buoy**

Maritime Safety Queensland Notice 686(T)/2007 (AA290358)

An obstruction, steel pipe which covers and uncovers, marked by a white buoy, exists in position 17° 27'.80S 140° 44'.83 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 6**

**1132(T)/2007 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Reach - Mooring blocks; pipeline**

*Former Notice - 1071(T)/2007 is cancelled*

Maritime Safety Queensland Notice 817(T)/2007

Mooring blocks exist in positions 27° 25'.35 S 153° 08'.36 E and 27° 25'.36 S 153° 08'.34 E. A floating pipeline marked by nine lights Q.Y has been established between the mooring blocks and the river bank (27° 25'.41 S 153° 08'.40 E).

Mariners are advised to navigate with caution in the vicinity.

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

**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**

**117(T)/2008 AUSTRALIA - QUEENSLAND - Port Douglas - Depth information**

Maritime Safety Queensland Notice 886(T)/2007 (AA307483)

Available depths as at 20 December 2007:

*Metres*

\* Outer Channel 1.4

\* Inner Channel 1.7

\* Indicates revised entry.

**Chart temporarily affected - Aus 270**

**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**

**391(T)/2008 AUSTRALIA - QUEENSLAND - Kirra Point - Offshore works**

*Former Notice* - 1130(T)/2007 is cancelled

Maritime Safety Queensland Notice 208(T)/2008 (AA325591)

Offshore works associated with the desalination plant construction are in progress.

A lit platform *Eun Sung 1200* will be anchored within a 600 metre radius of position 28° 08.6 S 153° 30.8 E (WGS84 datum).

Vessels not associated with the works should keep well clear of the platform.

Mariners are advised to navigate with caution in areas adjacent to the works.

**Chart temporarily affected - Aus 813 - Aus 814**

**460(T)/2008 AUSTRALIA - QUEENSLAND - Abbot Point - Light buoy established**

Maritime Safety Queensland Notice 237(T)/2008 (AA330654)

A light buoy, Q, exists in position 19° 52'.53 S 148° 05'.04 E.

**Chart temporarily affected - Aus 255**

**463(T)/2008 AUSTRALIA - QUEENSLAND - Lucinda - Light buoy repositioned**

Maritime Safety Queensland Notice 231(T)/2008 (AA330646)

No 18 port lateral light buoy (18° 30'.11 S 146° 18'.83 E) has been repositioned to 18° 30'.426 S 146° 19'.125 E.

**Chart temporarily affected - Aus 259**

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

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

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

**Chart temporarily affected - Aus 242**

**663(T)/2008 AUSTRALIA - QUEENSLAND - Pioneer Bay - Airlie Beach - Dredging operations**

Maritime Safety Queensland Notice 370(T)/2008 (AA343748)

Dredging operations are being conducted in Muddy Bay.

An exclusion zone marked by special light buoys, *Fl.Y.5s*, exists in an area bounded by the following positions:

20° 16'.011 S 148° 43'.412 E

20° 16'.009 S 148° 43'.609 E

20° 15'.495 S 148° 43'.603 E

20° 15'.495 S 148° 43'.683 E

20° 16'.523 S 148° 43'.694 E

Mariners are advised to navigate with caution in the area.

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

**664(T)/2008 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instruments**

Maritime Safety Queensland Notice 344(T)/2008 (AA342586)

Scientific instruments exist in positions (WGS84 datum) as follows:

19° 49'.12 S 148° 00'.77 E  
19° 54'.30 S 148° 00'.03 E  
19° 52'.88 S 148° 04'.51 E  
19° 50'.91 S 148° 02'.87 E  
19° 52'.74 S 147° 58'.29 E  
19° 50'.01 S 148° 09'.98 E  
19° 56'.05 S 148° 07'.78 E  
19° 53'.98 S 148° 09'.54 E

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

**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**

**750(T)/2008 AUSTRALIA - QUEENSLAND - Moreton Bay - Banana Bank - Light beacon damaged**

Maritime Safety Queensland Notice 439(T)/2008 (AA349428)

The west cardinal light beacon (27° 32'.02 S 153° 20'.09 E) has been damaged and the light altered to *Fl(2)6s*.

A west cardinal light buoy, *Q(9)15s*, exists in position 27° 31'.94 S 153° 19'.97 E.

**Chart temporarily affected - Aus 236**

**751(T)/2008 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works**

Maritime Safety Queensland Notice 415(T)/2008 (AA347382)

Works associated with the development of berths 12 and 13 are in progress in position 27° 21'.50 S 153° 10'.85 E. Works will involve the removal of a section of existing rock wall, dredging and construction of a new rock wall.

Mariners are advised to navigate with caution in the area and are to pass the works at slow speeds.

**Chart temporarily affected - Aus 237**

**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**

**810(T)/2008 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information**

*Former Notice - 162(T)/2008 is cancelled*

Maritime Safety Queensland Notice 446(T)/2008 (AA350200)

Available depths as at 16 July 2008:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No9	14.2	
Fisherman Islands No8	14.0	
Fisherman Islands No7	14.0	
* Fisherman Islands No6	14.1	
* Fisherman Islands No5	14.0	
Fisherman Islands No4	14.0	
* Fisherman Islands No3	14.0	
*Fisherman Islands No2	14.0	
Fisherman Islands No1	14.0	
* Fisherman Islands Grain and Woodchip	13.0	

* Caltex Fisherman Islands	14.3	
* BP Luggage Point	14.3	
* Fisherman Islands Coal	13.2	
* Caltex Products	10.1	
* QCL	10.0	
* BP Products	10.9	
* Shell	11.0	
* Pacific Terminals	10.7	
*Incitec North	10.1	
*Incitec South	10.5	
* Pinkenba 1	10.5	
* Pinkenba 2	10.5	
Riverside Marina	< 5.0	
Sugar Terminal	9.7	
Cairncross Fitting Out Wharf	7.3	
* Cairncross Breasting Wharf	7.0	
* Maritime No3	7.1	(not maintained)
* Maritime No2	10.3	
* Maritime No1	9.3	
* Hamilton No4	10.3	
* Hamilton No3	9.8	
* Hamilton No2	9.6	
* Hamilton No1	10.3	
* Brisbane Cruise Ship Terminal	9.4	

\*Indicates revised entry.

**Chart temporarily affected - Aus 237 - Aus 238 - AU5237X8**

**814(T)/2008 AUSTRALIA - QUEENSLAND - Brisbane River - Bulimba Reach - Newstead - Harbour works**  
Maritime Safety Queensland Notice 468(T)/2008 (AA352996)

Harbour works associated with the demolition of the wharf (27° 26'.88 S 153° 02'.83 E) are in progress.

The work area is enclosed by an anchored debris catchment boom, which is marked by yellow flashing lights along its length.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238 - AU5237X8**

**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**

**876(T)/2008 AUSTRALIA - QUEENSLAND - Cooktown - Depth information**  
*Former Notice - 785(T)/2007 is cancelled*  
Maritime Safety Queensland Notice 485(T)/2008 (AA354431)

Available depths as at 6 August 2008:

	<i>Metres</i>
* Outer Channel	1.9
* Public Wharf	2.8
* Swing Basin	1.2

\* Indicates revised entry.

**Chart temporarily affected - Aus 270 - AU5270P6**

**1044(T)/2008 AUSTRALIA - QUEENSLAND - Abbot Point - Harbour works**  
*Former Notice - 400(T)/2008 is cancelled*  
*Date - Until 31 June 2010*  
Maritime Safety Queensland Notice 626(T)/2008 (AA362524)

Works associated with the construction of the new berth 2, in the vicinity of 19° 51'.49 S 148° 05'.19 E, are in progress.

The barges *WBill*, *Rover*, *Steel Ranger* and *SEP Fuji*, MT *Daley* and *Lismore* and workboat *Workboat 29* are onsite and will display the appropriate lights and signals.

All vessels will monitor VHF Ch 14 and Ch 16. Operational communications will be conducted on VHF Ch 72 and mariners are requested to avoid using this channel.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 255 - AU5XX255**

**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**

**1152(T)/2008 AUSTRALIA - QUEENSLAND - Abbot Point - Depth information**

*Former Notice* - 977(T)/2008 is cancelled

Maritime Safety Queensland Notice 681(T)/2008 (AA366839)

Available depths as at 16 October 2008:

	<i>Metres</i>
* Departure Channel	17 .2
Berth Pocket	19.1
* Indicates revised entry.	

**Chart temporarily affected – Aus 255 - AU5XX255**

**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**

**87(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Wynnum - Shoaling**

Maritime Safety Queensland Notice 4(T)/2009 (AA379642)

Shoaling, with least depth 0.8 m, exists within the entrance channel to Wynnum Creek between the starboard entrance beacon (27° 26'.01 S 153° 10'.68 E) and the seaward end of the southern breakwater (27° 26'.10 S 153° 10'.58 E). Shoaling also exists on the southern side of the channel along the length of the southern breakwater.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236 - AU5237X8**

**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**

**166(T)/2009 AUSTRALIA - QUEENSLAND - Karamea Bank - Wreck**

Maritime Safety Queensland Notice 30(T)/2009 (AA381837)

A wreck exists in position 22° 39'.17 S 151° 32'.70 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 367 – Aus 820 - AU323151**

**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**

**321(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly - Light beacon established**

Maritime Safety Queensland Notice 146(T)/2009 (AA390824)

The special beacon (27° 27'.35 S 153° 11'.42 E) has been temporarily altered to a starboard lateral light beacon, *Fl.G.3s*.

**Chart temporarily affected - Aus 236 - AU5237X8**

**329(T)/2009 AUSTRALIA - QUEENSLAND - Surprise Rock - Light beacon destroyed**

Maritime Safety Queensland Notice 125(T)/2009 (AA389353)

The isolated danger beacon (20° 21'.3S 149° 01'.6 E) has been destroyed.

Mariners are advised to navigate with caution in the area.

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

**377(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Skirmish Passage - Wreck**

*Former Notice* - 1069(T)/2007 is cancelled

Maritime Safety Queensland Notice 72/2009 (AA384344, AA395948)

A wreck exists in position 26° 59'.63 S 153° 10'.88 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

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

**380(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Bridge construction**

*Former Notices* - 347(T)/2008 and 546(T)/2008 are cancelled

*Date* - Until 30 June 2011

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

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

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

Nav aids exist as follows:

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

Mariners should navigate with caution in the area.

**Chart temporarily affected - Aus 236 - Aus 814**

**429(T)/2009 AUSTRALIA - QUEENSLAND - Cape Moreton - Obstruction southeastwards**  
Maritime Safety Queensland Notice 170(T)/2009 (AA396927)

An obstruction marked by buoys exists in position 27° 07'.12 S 153° 31'.54 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

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

**430(T)/2009 AUSTRALIA - QUEENSLAND - Cape Moreton - Obstructions**  
Australian Maritime Safety Authority (AA397869), Maritime Safety Queensland Notice 202(T)/2009 (AA397906)

Underwater obstructions exist within 0.5M of the following positions (WGS84 datum):

27° 00'.7 S 153° 35'.3 E  
27° 01'.7 S 153° 36'.0 E  
27° 02'.2 S 153° 35'.7 E

Mariners are advised to avoid the area.

**Chart temporarily affected - Aus 235 - Aus 364 - Aus 365 - Aus 814**

**446(T)/2009 AUSTRALIA - QUEENSLAND - Upolu Reef - Obstructions**  
*Date - Until 31 July 2010*  
Maritime Safety Queensland Notice 183(T)/2009 (AA397149)

An obstruction exists in the vicinity of position 16° 41'.43 S 145° 52'.12 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 830 - AU417145**

**620(P)/2009 AUSTRALIA - QUEENSLAND - Caloundra - Rock outcrop**  
Maritime Safety Queensland Notice 294(T)/2009 (AA405382)

A rock outcrop is reported to exist between positions 26° 45'.04 S 153° 10'.64 E and 26° 45'.32 S 153° 10'.76 E, with least depth 14.4m LAT.

Mariners are advised to navigate with caution in the area.

**Chart which will be affected - Aus 235**

**661(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Redland Bay - Light beacon destroyed**  
Maritime Safety Queensland Notice 340(T)/2009 (AA409168)

The south cardinal light beacon (27° 36'.75 S 153° 19'.01 E) has been destroyed; a south cardinal light buoy, Q(6) & *LFl.15s*, exists in situ.

**Chart temporarily affected - Aus 236**

**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**

**665(T)/2009 AUSTRALIA - QUEENSLAND - Saumarez Reefs - South West Cay - Wreck**  
Maritime Safety Queensland Notice 328(T)/2009 (AA408566)

A wreck exists in position 21° 51'.3 S 153° 31'.4 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 426 - Aus 612**

**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**

**720(T)/2009 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Kangaroo Point - Wreck**  
Maritime Safety Queensland Notice 343(T)/2009 (AA409122)

A wreck exists in position 27° 27'.93 S 153° 02'.04 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 238 - AU5237X8**

**721(T)/2009 AUSTRALIA - QUEENSLAND - Gladstone - Calliope River - Scientific instruments**  
*Date - Until 30 April 2010*  
Maritime Safety Queensland Notice 371(T)/2009 (AA411214)

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

23° 49'.46 S 151° 12'.97 E  
23° 50'.00 S 151° 12'.25 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 245 - AU5244X5**

**724(T)/2009 AUSTRALIA - QUEENSLAND - Mackay - Harbour works**  
Maritime Safety Queensland Notice 378(T)/2009 (AA411761)

Demolition works in the vicinity of Loves Jetty (21° 06'.55 S 149° 13'.58 E) are in progress.

The barge *Sheerlegs* and support vessel *Louisianne* are onsite and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the vicinity.

**Chart temporarily affected – Aus 250 - AU5250P1**

**726(T)/2009 AUSTRALIA - QUEENSLAND - Double Island - Scientific instrument**  
*Former Notice - 216(T)/2009 is cancelled*  
Maritime Safety Queensland Notice 383(T)/2009 (AA412011)

A special light buoy, *F(5)Y.20s*, exists in position 16° 43'.97 S 145° 42'.68 E.

Mariners are not to use this buoy as a mooring.

**Chart temporarily affected – Aus 830 - AU417145**

**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, *F(5)Y.20s*, exists in position 12° 41'.27 S 141° 41'.10 E.

Mariners are not to use this buoy as a mooring.

**Chart temporarily affected – Aus 4 – Aus 701 - AU413141**

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

Former Notice - 79(T)/2009 is cancelled  
Maritime Safety Queensland Notice 18(T)/2009 (AA380382)

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

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

27° 57'.92 S 153° 25'.15 E  
27° 57'.86 S 153° 25'.11 E  
27° 57'.93 S 153° 25'.19 E  
27° 57'.83 S 153° 25'.14 E

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 230**

**786(T)/2009 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information**

Former Notice - 628(T)/2009 is cancelled  
Maritime Safety Queensland Notice 417(T)/2009 (AA414655)

Available depths as at 29 June 2009:

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

\*Indicates revised entry.

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

**Chart temporarily affected – Aus 258 - AU5258P1**

**787(T)/2009 AUSTRALIA - QUEENSLAND - Cape Flattery - Wreck**

Maritime Safety Queensland Notice 398(T)/2009 (AA414185)

A wreck exists in position 14° 57'.19 S 145° 19'.86 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 831 – Aus 832 - AU415145**

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

Former Notice - 774(T)/2009 is cancelled  
Maritime Safety Queensland Notice 447(T)/2009 (AA417664)

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 230**

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

Maritime Safety Queensland 448(T)/2009 (AA417665)

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

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

**Chart temporarily affected - Aus 230**

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

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

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

Mariners are advised to navigate with caution.

**Chart temporarily affected - Aus 252 - Aus 254 - AU5254P2**

**959(T)/2009 AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Scientific instrument**

Maritime Safety Queensland Notice 520(T)/2009 (AA421784)

A special light buoy, *Fl(5)Y.20s*, exists in position 23° 53'.77 S 151° 30'.25 E.

Mariners are not to use this buoy as a mooring.

**Chart temporarily affected - Aus 246 - Aus 819 - AU424151**

**960(T)/2009 AUSTRALIA - QUEENSLAND - Gladstone - Targinie Channel - Light buoy withdrawn**

Maritime Safety Queensland Notice 484(T)/2009 (AA420605)

T10 light buoy (23° 47'.53 S 151° 11'.43 E) has been temporarily withdrawn.

**Chart temporarily affected - Aus 244 - Aus 245 - AU5244X5**

**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**

**965(T)/2009 AUSTRALIA - QUEENSLAND - Hay Point - Depth information**

*Former Notice - 168(T)/2009 is cancelled*

Maritime Safety Queensland Notice 542(T)/2009 (AA423447)

Available depths as at 13 August 2009:

	<i>Metres</i>
* HPS Berth No 1	16.3
HPS Berth No 2	16.5
DBCT Berth No 1	18.0
DBCT Berth No 2	18.1
DBCT Berth No 3	18.7
DBCT Berth No 4	18.6

\* Indicates revised entry.

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

**966(T)/2009 AUSTRALIA - QUEENSLAND - Mackay - Depth information**

*Former Notice - 564(T)/2009 is cancelled*

Maritime Safety Queensland Notice 519(T)/2009 (AA421785)

Available depths as at 31 July 2009:

	<i>Metres</i>
Entrance Transit (Eastern Bank)	8.6
Entrance Channel	9.0
Swing Basin (Inwards)	8.6
Swing Basin (Outwards)	8.6

* Berth No 1	10.8
* Berth No 3	12.9
* Composite Nos 3/4 Panamax Berth	12.9
* Berth No 4	10.0
* Berth No 5	12.3

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

**Chart temporarily affected - Aus 250 - AU5250P1**

**968(T)/2009 AUSTRALIA - QUEENSLAND - Arlington Reef - Wreck**

Maritime Safety Queensland Notice 480(T)/2009 (AA420619)

A wreck marked by a special light buoy, *Fl. Y.2-5s*, exists in position 16° 41'.88 S 145° 57'.19 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 830 – AX 6027S - AU417145**

**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**

**1025(T)/2009 AUSTRALIA - QUEENSLAND - Thursday Island - Depth information**

*Former Notice - 448(T)/2009 is cancelled*

Maritime Safety Queensland Notice 561(T)/2009 (AA424096)

Available depths as at 19 August 2009:

	<i>Metres</i>
* Hovell Bar	3.6
Main Wharf	3.1 (a sounding of 3.1m has been recorded approximately 60m south of Main Wharf. 4.1m alongside wharf)
Caltex Wharf	4.1
Engineers Wharf	3.5
Inner Harbour	4.6
Boat Channel	4.8

\* Indicates revised entry.

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

**1128(T)/2009 AUSTRALIA - QUEENSLAND - Bundaberg - Town Reach - Obstruction**

Maritime Safety Queensland Notice 608(T)/2009 (AA428783)

An obstruction exists in position 24° 51'.74 S 152° 21'.30 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 242 - AU5XX242**

**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**

**1135(T)/2009 AUSTRALIA - QUEENSLAND - Port Douglas - Light beacon withdrawn; light buoy established**  
Maritime Safety Queensland Notice 625(T)/2009 (AA429773)

No 7 light beacon (16° 28'.98 S 145° 27'.57 E) has been withdrawn; a yellow light buoy, *Fl.G.2-5s*, exists in situ.

**Chart temporarily affected – Aus 270 - AU5270P1**

**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**

**1188(T)/2009 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island - Scientific instruments**  
*Date - Until 14 February 2010*  
Maritime Safety Queensland Notice 645(T)/2009 (AA431934)

Subsurface scientific instruments exist in positions 23° 46'.00 S 151° 10'.45 E and 23° 45'.70 S 151° 10'.75 E.

Mariners are advised to navigate with caution in the area.

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

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

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

Barges, support vessels and divers are onsite.

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

**Chart temporarily affected - Aus 238 - AU5237X8**

**Chart temporarily affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 822 – AX 0260E – AX 0367E – AX 0822E – AX 60260 – AX 67261 - AU423150 - AU5261P2**

**1243(T)/2009 AUSTRALIA - QUEENSLAND - Hay Point - Scientific instruments**  
*Date - Until 31 October 2010*  
Maritime Safety Queensland Notice 707(T)/2009 (AA435460)

Scientific instruments marked by surface floats exist in positions 21° 15'.18 S 149° 15'.83 E and 21° 16'.04 S 149° 18'.09 E.

**Chart temporarily affected - Aus 249 - Aus 250 - Aus 823 - AX0249E - AX0823E - AU422149 - AU5250P2**

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

**1323(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Wreck**  
Maritime Safety Queensland Notice 751(T)/2009 (AA438766)

A stranded wreck marked by a special light buoy, *Fl.Y.2.5s*, exists in position 27° 09'.48 S 153° 03'.31 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**1377(T)/2009 AUSTRALIA - QUEENSLAND - Brisbane River - Kangaroo Point - Harbour works**  
*Date - Until 31 May 2010*  
Maritime Safety Queensland Notice 792(T)/2009 (AA442272)

Harbour works are in progress in position 27° 27'.99 S 153° 02'.26 E.

A silt curtain marked by flashing yellow lights exists in the vicinity.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238 - AU5237X8**

**1386(T)/2009 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoy off station**  
*Former Notice - 373(T)/2007 is cancelled*  
Maritime Safety Queensland Notice 225(T)/2007 (AA238610)

The isolated danger light buoy (19° 18'.30 S 147° 37'.25 E) is off station.

**Chart temporarily affected - Aus 826 - Aus 827 - AU320147**

**1387(T)/2009 AUSTRALIA - QUEENSLAND - Yorkeys Knob - Light buoy established**  
Maritime Safety Queensland Notice 770(T)/2009 (AA440181)

A starboard lateral light buoy, *Fl.G.3s*, exists in position 16° 48'.09 S 145° 42'.82 E.

**Chart temporarily affected - Aus 262 - Aus 830 - AX 6027S - AX 63262 - AU417145 - AU5262X4**

**1441(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Lamb Island - Clarkes Point - Light beacon destroyed; light buoy established**  
Maritime Safety Queensland Notice 801(T)/2009 (AA443377)

The starboard lateral light beacon (27° 36'.49 S 153° 24'.26 E) has been destroyed; a starboard lateral light buoy, *Fl.G.2.5s*, has been established in situ.

**Chart temporarily affected - Aus 236 - AU428153**

**1444(T)/2009 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Poona Point - Light buoys established**  
Maritime Safety Queensland Notice 829(T)/2009 (AA445523)

White spar light buoys, *Q(3)Y.10s*, exist in positions 25° 41'.49 S 152° 55'.32 E and 25° 43'.14 S 152° 56'.34 E (WGS84 datum).

**Chart temporarily affected - Aus 240 - Aus 817**

**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**

**1449(T)/2009 AUSTRALIA - QUEENSLAND - Percy Isles - Middle Island - Scientific instrument**  
*Date - Until 31 March 2010*  
Maritime Safety Queensland Notice 811(T)/2009 (AA443483)

A special light beacon, *Fl.Y.3s*, exists in position 21° 39'.19 S 150° 14'.62 E.

**Chart temporarily affected - Aus 822 - Aus 823 – AX 0822E – AX 0823E - AU322150**

**1451(T)/2009 AUSTRALIA - QUEENSLAND - Shute Bay - Obstructions**

Maritime Safety Queensland Notice 800(T)/2009 (AA443468)

Obstructions exist in positions 20° 17'.52 S 148° 46'.90 E and 20° 17'.50 S 148° 46'.90 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 252 - Aus 253 - AU421148**

**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**

**63(T)/2010 AUSTRALIA - QUEENSLAND - Townsville - Depth information**

Former Notice - 1286(T)/2009 is cancelled

Maritime Safety Queensland Notice 711(T)/2009 (AA447013)

Available depths as at 22 December 2009:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.8	
* Platypus Channel	11.8	
Outer Harbour:		
Arrival Channel	7.6	West of a line from dolphin across end of berth pocket to edge of arrival channel
* Departure Channel	11.9	
Inner Harbour:		
Harbour	12.0	
Berths:		
* No 1	11.9	
* No 2	12.2	
* No 3	12.1	
* No 4	10.3	
* No 7	11.1	
* No 8	9.9	
* No 9	12.0	
No 10	9.6	To seaward dolphin
* No 11	12.3	
CB Marine	1.9	
Between No 7 and No 8	10.4	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	2.1	
Ross Creek	-	No declared depth

\* Indicates revised entry.

**Chart temporarily affected - Aus 256 - 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**

**67(T)/2010 AUSTRALIA - QUEENSLAND - Karumba - Shoaling; light buoys established**  
*Former Notice - 1195(T)/2009 is cancelled*  
Maritime Safety Queensland Notice 853(T)/2009 (AA447001)

Shoaling exists in the entrance channel.

The channel realignment is marked by special light buoys, *Fl.Y.2.5s*, in the following positions:  
17° 26'.74 S 140° 45'.23 E  
17° 26'.62 S 140° 45'.02 E  
17° 26'.44 S 140° 44'.91 E.

**Chart temporarily affected - Aus 6**

**125(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Pelican Banks - Light beacon destroyed; light buoys established**  
Maritime Safety Queensland Notice 46(T)/2010 (AA451535)

The starboard lateral light beacon, *Fl.G.2.5s* (27° 33'.90 S 153° 24'.26 E), has been destroyed; a starboard lateral light buoy, *Fl.G.2.5s* exists in situ.

**Chart temporarily affected - Aus 236 - AU428153**

**127(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Old Bar Cutting - Light beacon destroyed; light buoy established**  
Maritime Safety Queensland Notice 50(T)/2010 (AA451536)

No1 starboard lateral light beacon (27° 20'.08 S 153° 10'.09 E) has been destroyed; a starboard lateral light buoy, *Fl.G.2.5s* exists in situ.

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

**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**

**132(T)/2010 AUSTRALIA - QUEENSLAND - Lisa Jane Shoals - Scientific instrument**  
*Former Notice - 1305(T)/2008 is cancelled*  
Maritime Safety Queensland Notice 44(T)/2010 (AA451166)

A special light buoy, *Fl(5)Y.20s*, exists in position 23° 18'.38 S 151° 04'.51 E.

Mariners are not to use this buoy as a mooring.

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

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

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

Mariners are not to use this buoy as a mooring.

**Chart temporarily affected - Aus 256 - Aus 827 - AU320147**

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

Date - Until 27 August 2010

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 258 - AU5258P1**

**168(T)/2010 AUSTRALIA - QUEENSLAND - Point Lookout - Wreck northwestwards**

Maritime Safety Queensland Notice 116(T)/2010 (AA453469)

A wreck exists in position 27° 23'.75 S 153° 30'.74 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

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

**170(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Obstructions**

Maritime Safety Queensland Notice 79(T)/2010 (AA452385)

Anchorage E2 (23° 51'.0 S 151° 35'.6 E) and N12 (23° 51'.0 S 151° 27'.8 E) are closed due to lost anchors.

**Chart temporarily affected - Aus 246 - Aus 819 - AU424151**

**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**

**172(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Auckland Channel - Light buoy withdrawn**

Maritime Safety Queensland Notice 75(T)/2010 (AA453140)

A6 light buoy (23° 50'.17 S 151° 16'.55 E) has been temporarily withdrawn.

**Chart temporarily affected - Aus 244 - Aus 245 - AU5244X5**

**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**

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

Former Notice - 133(T)/2010 is cancelled

Maritime Safety Queensland Notice 99(T)/2010 (AA452865)

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

21° 16'.32 S 149° 18'.70 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 - AU422149 - AU5250P2**

**220(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Depth information**

*Former Notice - 130(T)/2010 is cancelled*

Maritime Safety Queensland Notice 145(T)/2010 (AA455193)

Available depths as at 24 November 2009:

<i>Metres</i>	<i>Remarks</i>
Sea Channels:	
* Wild Cattle Cutting	16.1
Boyne Island Cutting	16.3
Boyne Island Extension Channel	9.0
* Golding Cutting	16.1
South Bypass Channel	7.4
* Gatcombe Channel	16.3
Gatcombe Bypass Channel	13.4
Inner Channels:	
Auckland Channel	15.8
Auckland Bypass Channel	6.8
Clinton Channel	16.0
Clinton Bypass Channel	10.6
Clinton Swing Basin	10.9
Targinie Channel	10.6
Targinie Swing Basin East	10.9
Targinie Swing Basin West	8.9
Berths:	
Boyne Smelter Wharf	15.0
South Trees East Wharf	13.8
South Trees West Wharf	13.0
Barney Point Wharf (east approach)	13.5
Barney Point Wharf (west approach)	11.5
Barney Point Wharf	15.0
Auckland Point No 1 Wharf	11.3
Auckland Point No 2 Wharf	11.3
Auckland Point No 3 Wharf	11.4
Auckland Point No 4 Wharf	11.3
Clinton No 1 Wharf	19.2
Clinton No 2 Wharf	18.4
Clinton No 3 Wharf	18.6
Clinton No 4 Wharf	19.1
Fishermans Landing Wharf No 1	13.6
Fishermans Landing Wharf No 2	13.3
Fishermans Landing Wharf No 4	11.4
Fishermans Landing Wharf No 5	11.4

\* Indicates revised entry.

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

**222(T)/2010 AUSTRALIA - QUEENSLAND - Freshwater Point to Slade Island - Scientific instruments**

*Date - Until 31 October 2010*

Maritime Safety Queensland Notices 171/2010, 172/2010 (AA455890, AA455891)

Special light buoys, Q, Y, exist in positions:

21° 24'.90 S 149° 20'.17 E

21° 19'.15 S 149° 19'.45 E

21° 10'.64 S 149° 15'.97 E

21° 05'.69 S 149° 14'.61 E.

**Chart temporarily affected - Aus 249 - Aus 250 - Aus 823 – AX 0249E – AX 0823E - AU422149 - AU5250P1**

**226(T)/2010 AUSTRALIA - QUEENSLAND - Halifax Bay - Light buoys established**

*Date - Until 12 April 2010*

Maritime Safety Queensland Notice 131(T)/2010 (AA455251)

Special light buoys, Q, exist in the following positions:

19° 08'.77 S 146° 39'.69 E

19° 09'.21 S 146° 38'.21 E

19° 08'.37 S 146° 45'.25 E  
19° 07'.11 S 146° 35'.62 E  
18° 57'.89 S 146° 25'.43 E.

**Chart temporarily affected - Aus 256 - Aus 827 - AU419146 - AU420146**

**228(T)/2010 AUSTRALIA - QUEENSLAND - Karumba - Depth information**

Former Notice - 512(T)/2009 is cancelled

Maritime Safety Queensland Notices 505(T)/2008, 138(T)/2010 (AA354877, AA455280)

Available depths as at 15 February 2010:

Berth	Metres
* Entrance Channel	3.2
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**

**315(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Green Island - Light beacon destroyed**

Maritime Safety Queensland Notice 257(T)/2010 (AA461969)

The light beacon, *Fl.R.3s* (27° 24'.86 S 153° 14'.56 E), has been destroyed; a port lateral light buoy, *Fl.R.3s*, exists in situ.

**Chart temporarily affected - Aus 236 - AU428153**

**316(T)/2010 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information**

Former Notice - 56(T)/2010 is cancelled

Maritime Safety Queensland Notice 228(T)/2010 (AA461143)

Available depths as at 16 March 2010:

	Metres
* Sea Reach	9.4
* Middle Reach	9.0
* Inner Reach	8.6
* Swing Basin	7.9
* Oil Berth	8.0
* BST Berth	8.5

\* Indicates revised entry.

The deep draught departure channel from the BST berth to Middle Reach has a depth of 8.6m.

**Chart temporarily affected - Aus 242 - Aus 243 - AU5XX242**

**317(T)/2010 AUSTRALIA - QUEENSLAND - Leeper Reef - Light buoy off station**

Maritime Safety Queensland Notice 249(T)/2010 (AA461992)

The east cardinal light buoy (21° 22'.89 S 149° 19'.86 E) is off station.

**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**

**319(T)/2010 AUSTRALIA - QUEENSLAND - Schooner Rock - Light beacon destroyed**

Maritime Safety Queensland Notice 263(T)/2010 (AA461960)

The north cardinal light beacon (20° 54'.04 S 149° 25'.91 E) has been destroyed.

**Chart temporarily affected - Aus 251 - Aus 824 - AU421149**

**320(T)/2010 AUSTRALIA - QUEENSLAND - Slade Island - Light buoy off station southeastwards**  
Maritime Safety Queensland Notice 261(T)/2010 (AA461972)

The east cardinal light buoy (21° 06'.14 S 149° 15'.51 E) is off station.

**Chart temporarily affected - Aus 249 - Aus 250 – AX 0249E - AU422149 - AU5250P1**

**321(T)/2010 AUSTRALIA - QUEENSLAND - Shoal Point - Light buoy off station**  
Maritime Safety Queensland Notice 247(T)/2010 (AA461993)

The south cardinal light buoy (21° 00'.67 S 149° 11'.12 E) is off station.

**Chart temporarily affected - Aus 249 - Aus 251 - Aus 823 - Aus 824 – AX 0249E – AX 0823E - AU422149**

**323(T)/2010 AUSTRALIA - QUEENSLAND - Whitsunday Island - Whitehaven Beach - Light beacon destroyed**  
Maritime Safety Queensland Notice 265(T)/2010 (AA461971)

The north cardinal light beacon (20° 17'.53 S 149° 03'.35 E) has been destroyed.

**Chart temporarily affected - Aus 252 - Aus 253 - AU421149**

**325(T)/2010 AUSTRALIA - QUEENSLAND - Bird Island to Groper Point - Nav aids**  
Maritime Safety Queensland Notice 254(T)/2010 (AA461978)

The south cardinal light beacon (20° 05'.76 S 148° 52'.59 E), has been destroyed.

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 - AU421148 - AU5254P2**

**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**

**374(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Pelican Banks - Wreck**  
Maritime Safety Queensland Notice 282(T)/2010 (AA463727)

A stranded wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 27° 34'.59 S 153° 24'.24 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236 - AU428153**

**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**

**382(T)/2010 AUSTRALIA - QUEENSLAND - Io Reef - Light beacon destroyed**  
Maritime Safety Queensland Notice 284(T)/2010 (AA463870)

The west cardinal light beacon (20° 41'.58 S 149° 07'.70 E) has been destroyed.

**Chart temporarily affected - Aus 251 - Aus 252 - Aus 824 - AU421149**

**383(T)/2010 AUSTRALIA - QUEENSLAND - Whitsundays - Spitfire Rock - Light beacon destroyed**  
Maritime Safety Queensland Notice 285(T)/2010 (AA463855)

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

**Chart temporarily affected - Aus 252 - Aus 254 - Aus 824 - AU421149 - AU5254P1**

**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**

**385(T)/2010 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Wreck**  
Maritime Safety Queensland Notice 303(T)/2010 (AA463827)

A wreck marked by a buoy exists in position 20° 15'.79 S 148° 43'.48 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 252 - Aus 253 - Aus 268 - AU5268P2**

**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**

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

*Former Notice - 1327(T)/2009 is cancelled*

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

Available depths as at 6 April 2010:

	<i>Metres</i>
* Weipa Approaches	11.1
South Channel	11.1
* Departure Channel	10.8
Cora Bank South Channel	7.3
* Humbug Point Approaches	8.6
Humbug Point Berth	9.5
* Evans Landing	9.6
Lorim Point East	12.3
Lorim Point West	12.3
* Indicates new or revised entry	

**Chart temporarily affected - Aus 4 - AU5XX4P1**

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

Maritime Safety Queensland Notice 342/2010 (AA466123)

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

Mariners are advised to navigate with caution in the area.

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

**437(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Quarries Reach to Parker Island Reach - Harbour works**

*Former Notice - 268(T)/2010 is cancelled*

Maritime Safety Queensland Notice 190(T)/2007, 296(T)/2007, 677(T)/2008, 212(T)/2010, 349(T)/2010 (AA237697, AA243715, AA366844, AA243714, AA459560, AA466499)

Harbour works are in progress for the Gateway Bridge development.

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

A 6 knot no wash speed limit zone marked by special light buoys exists between:

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238 - AU5237X8**

**438(T)/2010 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling**

Former Notice - 376(T)/2010 is cancelled

Maritime Safety Queensland Notice 279(T)/2010, 326(T)/2010 (AA462641, AA466642)

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 1.4m, exists near the starboard edge of the river channel between light beacon No5 (26° 40'.92 S 153° 08'.09 E (WGS84 datum)) and No7 (26° 41'.07 S 153° 08'.09 E).

Shoaling, with a least depth of 1.9m, exists in the vicinity of position 26° 41'.10 S 153° 08'.09 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 235**

**443(T)/2010 AUSTRALIA - QUEENSLAND - Mackay - Slade Rock - Light buoy off station**

Maritime Safety Queensland Notice 351(T)/2010 (AA466490)

The port lateral light buoy, *Fl.R.2-5s* (21° 05'.15 S 149° 14'.29 E), is off station.

**Chart temporarily affected - Aus 249 - Aus 250 - Aus 823 - Aus 824 - AX 0249E - AX 0823E - AU422149 - AU5250P1**

**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**

**446(T)/2010 AUSTRALIA - QUEENSLAND - Whitsunday Island - Reef Point - Light beacon destroyed**

Maritime Safety Queensland Notice 334(T)/2010 (AA466602)

The port lateral light beacon, *Fl.R.2-5s* (20° 17'.45 S 148° 54'.71 E), has been destroyed.

**Chart temporarily affected - Aus 252 - Aus 253 - Aus 254 - AU421148**

**447(T)/2010 AUSTRALIA - QUEENSLAND - Macona Inlet - Light beacon destroyed**

Maritime Safety Queensland Notice 328(T)/2010 (AA466603)

The starboard lateral light beacon, *Fl.G.2-5s* (20° 10'.29 S 148° 55'.10 E), has been destroyed.

**Chart temporarily affected - Aus 252 - AU421148**

**452(T)/2010 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Drilling operations**

Maritime Safety Queensland Notice 339(T)/2010 (AA466516)

Drilling operations are in progress in the area west of the seaward end of the Ross River channel (19° 15'.29 S 146° 50'.90 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 256 - Aus 257 - AU420146 - AU5XX257**

**502(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Quarantine Flats Reach - Harbour works**

*Date* - Until 6 July 2010

Maritime Safety Queensland Notices 378(T)/2010, 395(T)/2010 (AA468638, AA468585)

Dredging and piling operations associated with the construction of the BP Fuel Oil Barge Wharf are in progress (27° 25'.2 S 153° 08'.3 E).

The dredger *Ken Harvey*, barge *Leanora* and support vessels *Alan - M* and *Seahorse* are onsite and will display appropriate lights and shapes. The barge has deployed anchors marked by special light buoys and will monitor VHF Ch 12.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 237 - Aus 238 - AU5237X8**

**503(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Redcliffe - Scientific instrument southeastwards**

Maritime Safety Queensland Notice 389(T)/2010 (AA468623)

A special light buoy, *Fl.Y.3s*, exists in position 27° 14'.84 S 153° 12'.03 E.

**Chart temporarily affected - Aus 236 - AU428153**

**504(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Pumicestone Channel - Bellara - Wreck**

Maritime Safety Queensland Notice 388(T)/2010 (AA468621)

A wreck marked by a special light buoy, *Fl.Y.2.5s*, exists in position 27° 03'.68 S 153° 08'.35 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 235 - Aus 236 - AU428153**

**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**

**511(T)/2010 AUSTRALIA - QUEENSLAND - Whitsunday Group - Shaw Island - Platypus Rock - Light beacon destroyed**

Maritime Safety Queensland Notice 400(T)/2010 (AA468575)

The west cardinal light beacon (20° 31'.23 S 149° 02'.31 E) has been destroyed.

**Chart temporarily affected - Aus 252 - Aus 254 - Aus 824 - AU421119 - AU5254P1**

**512(T)/2010 AUSTRALIA - QUEENSLAND - Hook Island - Nara Inlet - Light beacon destroyed**

*Former Notice* - 324(T)/2010 is cancelled

Maritime Safety Queensland Notice 387(T)/2010 (AA468659)

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

**Chart temporarily affected - Aus 252 - AU421148**

**516(P)/2010 AUSTRALIA - TORRES STRAIT - Varzin Passage - Light buoy to be established**

*Date* - On or about 19 June 2010

Australia n Maritime Safety Authority Preliminary ATH 2/2010 (AA467441)

A special spherical light buoy, *Fl(5)Y.20s*, without topmark will be established in position 10° 31'.2 S 141° 56'.8 E (WGS84 datum).

**Chart which will be affected - Aus 289 - Aus 296 - AU411141**

**557(T)/2010 AUSTRALIA - QUEENSLAND - Point Danger to Point Lookout - Scientific instruments**

*Former Notice* - 123(T)/2010 is cancelled

Maritime Safety Queensland Notice 430(T)/2010 (AA470818)

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'.53 S 153° 37'.76 E.

Mariners are not to use these buoys as moorings.

**Chart temporarily affected - Aus 230 - Aus 813 - Aus 814 - AU428153 - AU5XX230**

**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**

**564(T)/2010 AUSTRALIA - QUEENSLAND - Dangerous Reef - Light buoy off station**

Maritime Safety Queensland Notice 441(T)/2010 (AA471653)

The east cardinal light buoy (21° 08'.05 S 149° 14'.94 E) is off station.

**Chart temporarily affected - Aus 249 - Aus 250 - AX 0249E - AU422149 - AU5250P1**

**565(T)/2010 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Wreck**

*Former Notice* - 448(T)/2010 is cancelled

Maritime Safety Queensland Notice 421(T)/2010 (AA470869)

A stranded wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 20° 15'.96 S 148° 43'.38 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 252 - Aus 253 - Aus 268 - AU421148 - AU5268P2**

**566(T)/2010 AUSTRALIA - CORAL SEA - Mellish Reef - Light buoy off station northwestwards**

*Former Notice* - 515(T)/2010 is cancelled

Australian Bureau of Meteorology (AA471495)

The light buoy, *Fl.Y.3s* (15° 48'.0 S 158° 31'.0 E), is drifting and currently in position 15° 22'.11 S 152° 00'.40 E (19 May 2010).

**Chart temporarily affected - Aus 4604 (INT 604) - AX 4604F - AU130150**

**567(T)/2010 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations**

*Date* - Until 31 July 2010

Maritime Safety Queensland Notice 445(T)/2010 (AA471655)

Dredging operations are in progress at Karumba.

All vessels involved in the operations will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 6**



## 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.**

### **662(T)/2007 AUSTRALIA - NORTHERN TERRITORY - Darwin - Depth information**

*Former Notice* - 1134(T)/2006 is cancelled  
Darwin Port Corp Notice 19/2006 (A200619)

Available depths as at July 2007:

<i>Berths</i>	<i>Metres</i>
East Arm 0-300m	12.2
East Arm 300-600m	12.5
East Arm BLB	11.6

Available depths as at December 2004:

No 1 Iron Ore	11.7
No 2 Fort Hill East	9.1
No 2 Fort Hill West	10.2
No 3 Stokes Hill East	6.6
No 3 Stokes Hill West	6.4
No 4 Stokes Hill East	3.1
No 4 Stokes Hill Middle	2.8
No 4 Stokes Hill West	4.3

\* Indicates new or revised entry.

**Chart temporarily affected – Aus 28**

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

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

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

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

### **790(P)/2009 AUSTRALIA - NORTHERN TERRITORY - Melville Island - Cape Gambier - Reef delineation**

*Former Notice* - 882(P)/2006 is cancelled  
HMAS *Mermaid* (AA202844)

The drying edge of the reef to west of Cape Gambier has been found to lie 200m to 300m SW of charted position.

Mariners are advised to navigate with caution in the area.

**Chart which will be affected – Aus 20**

**69(T)/2010 AUSTRALIA - TIMOR SEA - Seismic survey**

*Date* - Until 31 March 2010

Petroleum Geo-Services (AA448210, AA448211)

MV *Beaufort Explorer* with a 8500m towed array is conducting a survey in the area bounded by the following positions (WGS84 datum):

13° 35'.0 S 128° 00'.0 E  
12° 55'.0 S 129° 25'.0 E  
10° 55'.0 S 129° 35'.0 E  
10° 45'.0 S 135° 10'.0 E  
8° 55'.0 S 133° 25'.0 E  
9° 50'.0 S 128° 05'.0 E  
12° 15'.0 S 122° 50'.0 E.

**Chart temporarily affected - Aus 308 - Aus 309 - Aus 310 - Aus 311 - Aus 312 - Aus 313 - Aus 314 - Aus 315 - Aus 316 - Aus 317 - Aus 318 - Aus 321 - Aus 322 - Aus 442 - Aus 721 - Aus 725 - Aus 4720 (INT 720) - Aus 4721 (INT 721) - Aus 4722 (INT 722) – AX 0309F – AX 0310F – AX 0311F – AX 0312F – AX 0313F – AX 0314F – AX 0315F – AX 0317F – AX 0321F – AX 0322F – AX 4720F – AX 4721F – AX 4722F – AX 72309 - AU130120 - AU310127 - AU310128 - AU310130 - AU311125 - AU311126 - AU311127 - AU311128 - AU311130 - AU311131 - AU311132 - AU312122 - AU312123 - AU312124 - AU312125 - AU312126 - AU312127 - AU312128 - AU313121 - AU313123 - AU313124 - AU313125 - AU313126 - AU313127 - AU313128 - AU314124 - AU314125 - AU314127 - AU314128 - AU411129 - AU412129 - AU413129 - AU414126**

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

*Date* - Until 31 August 2010

Dampier Port Authority (AA470419)

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

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

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

## WESTERN AUSTRALIA

**523(T)/2004 WESTERN AUSTRALIA - Dampier Archipelago - Scientific instruments northwestwards.**  
*Former Notice - 307(T)/2004 is cancelled*  
MetOc (A90105).

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
19° 35'.95 S 116° 07'.44 E	<i>Fl. Y. 5s</i>
19° 35'.85 S 116° 07'.43 E	<i>Fl. Y. 5s</i>

**Chart temporarily affected - Aus 327 - Aus 415.**

**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, *Iso. 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.**

**1135(T)/2006 INDIAN OCEAN - Scientific instruments.**

UKHO (A210240, A210241).

Scientific instruments exist in positions:

1° 31'.2 N 90° 06'.8 E
0° 02'.3 N 89° 52'.8 E
1° 34'.2 N 80° 33'.5 E
0° 01'.1 N 80° 31'.7 E
1° 30'.3 S 80° 32'.4 E

5M clearance is requested.

**Chart temporarily affected - Aus 4071.**

**893(T)/2007 AUSTRALIA - WESTERN AUSTRALIA - Broome - Red Bluff - Wreck**

Broome Port Authority (AA286647), Wreck is MV *Ida Lloyd*.

A wreck exists in position 17° 51'.0 S 122° 12'.1 E.

**Chart temporarily affected - Aus 50**

**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**

**218(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Anchorages**  
Port of Dampier Notice 2/2008 (AA313317)

The Supply Vessel and Small Craft Anchorage centred on 20° 35'.413 S 116° 44'.545 E (WGS84 Datum) has been temporarily revoked.

Vessels awaiting Dampier Cargo Wharf berth allocation are to use a Supply Vessel and Small Craft Anchorage within the following positions:

20° 35'.924 S 116° 44'.638 E  
20° 35'.262 S 116° 44'.066 E  
20° 34'.980 S 116° 43'.811 E  
20° 35'.257 S 116° 43'.445 E  
20° 35'.545 S 116° 43'.709 E  
20° 36'.164 S 116° 44'.338 E

Vessels awaiting berth allocation at either King Bay Supply Base or Mermaid Marine Supply Base will use the Philip Point Anchorage, within the following positions:

20° 36'.525 S 116° 43'.944 E  
20° 37'.155 S 116° 44'.622 E  
20° 37'.589 S 116° 43'.961 E

All vessels using this anchorage should ensure that a minimum of 100 metres distance from the Naval Buoy (20° 37'.533 S 116° 44'.516 E) is maintained.

PIE3 Anchorage been amended as follows:

20° 35'.285 S 116° 41'.987 E  
20° 36'.192 S 116° 42'.683 E  
20° 36'.688 S 116° 41'.711 E

Approval to use this anchorage must be sought from Dampier Port Communications on VHF 11.

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

**259(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Light buoy established**  
Dampier Port Authority Notice 5/2008 (AA316219)

A special pillar light buoy, *Fl.Y.3s*, exists in position 20° 34'.56 S 116° 45'.39 E.

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

**260(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Dampier – Mermaid Sound – Harbour works; exclusion zone**  
Dampier Port Authority Notices 3/2008 & 6/2008 (AA316310, AA316886, AA316887)

Harbour works are in progress in the vicinity of Holden Point (20° 36'.2 S 116° 45'.5 E) for the Pluto Project.

An exclusion zone exists around Holden Point with radius 0.5M from point 20° 36'.199 S 116° 45'.498 E.

All vessels other than those which have been approved and are associated with the project are required to stay clear of the area.

Mariners are advised to navigate with caution in the area.

**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>
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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**

**827(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Lights established**  
Port Hedland Port Authority Notice 14/2008 (AA352255)

Temporary leading lights, *F.Bu* bearing 007°, exist in positions 20° 19'.058 S 118° 34'.555 E and 20° 18'.906 S 118° 34'.576 E. They mark the edge of the shallow area 9.3 metres.

**Chart temporarily affected - Aus 54**

**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**

**100(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Scientific instrument northwestwards**  
*Former Notice - 672(T)/2008 is cancelled*  
*Date - Until 28 February 2009*  
Shell Development (Australia) Pty Ltd (AA378754)

A scientific instrument exists in position 13° 30'.92 S 123° 20'.08 E.

**Chart temporarily affected - Aus 319 – AX 0319F - AU314123**

**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**

**331(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Harbour works**

*Date* - Until 28 February 2010

Port Hedland Port Authority Notice 3/2009 (AA390591)

Works associated with the construction of the new Utah Point berth facility are in progress.

The area bounded by the following positions (WGS84 datum) is prohibited to all recreation vessels and is restricted to authorized vessels only:

20° 18'.82 S	118° 34'.12 E
20° 18'.82 S	118° 34'.16 E
20° 19'.00 S	118° 34'.17 E
20° 19'.00 S	118° 34'.06 E

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

**332(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredging operations**

Port Hedland Port Authority Notice 4/2009 (AA390589)

The dredge *DN150* and barges *Soundcem 2* and *Soundcem 3* are conducting dredging operations in an area bounded by the following positions (WGS84 datum):

20° 19.00 S	118° 34'.06 E
20° 19.00 S	118° 34'.17 E
20° 19.51 S	118° 34'.42 E
20° 19.53 S	118° 34'.08 E

The dredge *Leonardo da Vinci* will be onsite from early April.

Mariners are advised to navigate with caution in the area.

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

**333(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - King George Sound - North Channel to Barker Bay - Scientific instruments**

*Date* - Until 31 May 2010

Albany Port Authority Notice 2(T)/2009 (AA391679)

Scientific instruments marked by special light buoys, Q(4)Y.5s, exist in positions (WGS84 datum):

35° 02'.80 S	117° 55'.36 E
35° 02'.26 S	118° 01'.51 E.

**Chart temporarily affected - Aus 109 - Aus 110 - Aus 118 - AU5XX109**

**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**

**453(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Kwinana - Light unlit**

Fremantle Ports Notice 5(T)/2009 (AA398201)

The light K1777.15 (32° 12'.57 S 115° 46'.09 E) is unlit.

**Chart temporarily affected - Aus 114 - Aus 117 – AX 70117 - AU5111X4**

**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**

**677(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light established**

Port Hedland Port Authority Notice 6/2009 (AA408186)

A light, *Q.Bu.*, exists in position 20° 18'.97 S 118° 34'.04 E.

**Chart temporarily affected - Aus 54 - AU5XXX54**

**792(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Perth Canyon - Scientific instruments westwards**

*Date* - Until 1 November 2012  
CSIRO (AA414960)

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

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

**Chart temporarily affected – Aus 334 – Aus 754 – AX 0334E – AX 0754E – AX 66002 - AU332114 - AU432115 - AU433115**

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

*Former Notice* - 128(T)/2008 is cancelled  
Fremantle Ports Notice 6(T)/2009 (AA414237)

Available depths as at 19 June 2009:

<i>Berth</i>	<i>Metres</i>
No 1	11.0
No 2	11.0
* No 4	12.4
No 5	12.4
No 6	12.4
* No 7	12.9
* No 8	13.0
* No 9	13.0
* No 10	10.0
* No 11	10.2
No 12	10.8
C	10.4
D	11.0
E	10.5
F	10.4
G	10.5
H	10.3

\* Indicates new or revised entry.

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

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

**Chart temporarily affected – Aus 113 - AU5XX113**

**849(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Broome - Gantheaume Bay - Obstruction, light buoy**

*Date* - Until 31 July 2009  
Port of Broome Port Authority 8/2009 (AA417682)

A special light buoy, *Fl.2s*, marking a chain cable extending 750m from the buoy, has been established in position 17° 52' S 122° 06' E (WGS datum)

**Chart temporarily affected - Aus 50 - Aus 324**

**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**

**914(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Scientific instruments**

Woods Hole Group (AA418777)

Bottom mounted scientific instruments exist in the following positions:

21° 39'.00 S 114° 59'.82 E

21° 26'.64 S 114° 51'.96 E

Scientific instruments exist 30m below the surface in the following positions:

19° 51'.30 S 113° 10'.96 E

20° 27'.90 S 113° 48'.90 E

20° 56'.34 S 114° 18'.06 E

20° 59'.88 S 114° 22'.68 E

21° 07'.02 S 114° 30'.96 E

21° 17'.22 S 114° 41'.34 E

**Chart temporarily affected – Aus 64 – Aus 328 – Aus 329 – Aus 415 – Aus 416 – Aus 743 – Aus 744 – AX 0415F - AU321114 - AU422114**

**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](http://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**

**1080(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Depth information**

Former Notice - 104(T)/2009 is cancelled

Port Hedland Port Authority Notices 5/2009, 7/2009 (AA427575, AA427579)

Available depths as at 15 June 2009:

<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	17.2
BHP Billiton Finucane Island berth C	17.9
BHP Billiton Finucane Island berth D	18.3
Anderson Point berth 1	19.1
* Anderson Point berth 2	19.6

\* Indicates revised entry.

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

**1248(P)/2009 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Light beacons to be established**

*Former Notice* - 1198(P)/2009 is cancelled

*Date* - Until 2 November 2009

Dampier Port Authority Notice 28/2009 (AA433535, AA435183)

Light beacons will be established in the following positions:

HP5	20° 32'.91 S 116° 42'.65 E
HP7	20° 33'.49 S 116° 42'.78 E
HPR1	20° 33'.23 S 116° 42'.56 E
HP21	20° 36'.40 S 116° 45'.30 E
HP22	20° 36'.52 S 116° 45'.41 E

The light beacons will be temporarily lit by *Fl.5s* lights.

**Chart which will be affected - Aus 57 - Aus 58 - Aus 59 - AU5XXX58**

**1296(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Obstruction**

*Date* - Until 31 October 2010

HESS Exploration Australia (AA435937)

A suspended wellhead, least depth *1059m*, exists in position 20° 03'.86 S 113° 35'.99 E (WGS84 datum).

**Chart temporarily affected - Aus 329 - Aus 415 - Aus 416 – AX 0415F – AX 4708F - Aus 4708 (INT 708) - AU130090**

**1329(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - North Rankin - Scientific instruments**

*Former Notice* - 1256(T)/2008 is cancelled

*Date* - Until 31 May 2010

MetOcean Engineers (AA438335)

Special light buoys, *Fl(5)Y.20s*, exist in position 18° 45'.00 S 117° 02'.30 E and 19° 31'.43 S 117° 03'.21 E (WGS84 datum).

**Chart temporarily affected - Aus 327 - Aus 415 - Aus 741 – Aus 4722 (INT 722) - AX 0415F – AX 4722F - AU130090**

**1335(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Scientific instruments northwestwards**

*Former Notice* - 108(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 415 - Aus 416 - Aus 744 - Aus 4708 (INT 708) – AX 0415F – AX 4708F - AU130090 - AU422114**

**1337(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Alkimos Reef - Scientific instrument**

*Date* - Until 30 April 2010

Cardo Lawson Treloar (AA439271)

A special light buoy, *Fl(5)Y.20s*, exists in position 31° 37'.71 S 115° 38'.08 E.

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

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

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

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

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

*Former Notice - 568(T)/2009 is cancelled*

JAMSTEC (AA443477)

Scientific instruments, Triton buoys, exist as follows:

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

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

**1462(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef to James Price Point - Scientific instruments**

*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 - Aus 415 - AU315121 - AU318121 - AX 0322F - AX 0415F**

**1464(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Bessieres Island - FPSO off station northwestwards**

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 415 - Aus 416 - Aus 744 - Aus 4708 (INT 708) - AU130090 - AU422114 - AX 0415F - AX 4708F**

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

*Date - Until 30 June 2011*

Department of Transport WA Notice 99/2009 (AA447736)

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

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

An exclusion zone exists within the area.

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

**Chart temporarily affected - Aus 62 - Aus 742 - AU421115**

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

*Date* - Until 31 December 2011

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

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

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

**Chart temporarily affected - Aus 62 - Aus 742 - Aus 743 - AU421115**

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

*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 415 - Aus 416 - Aus 742 - Aus 743 - AX 0415F - AU321114 - AU422115**

**82(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Alkimos Reef - Harbour works; exclusion zone**

*Date* - Until 31 August 2010

Department of Transport WA Notice 70/2009 (AA447737)

Works associated with the construction of an outfall pipeline are in progress in the following area:

31° 36'.66 S 115° 39'.63 E
31° 37'.91 S 115° 36'.30 E
31° 38'.41 S 115° 36'.56 E
31° 37'.21 S 115° 39'.76 E.

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

Support vessels are on site to direct vessel traffic and can be contacted on VHF Ch 16.

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

**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**

**137(P)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Pipeline established**

Former Notice - 1330(P)/2009 is cancelled  
Woodside Energy (AA439328 - AA439330, AA439357, AA439358)

A pipeline has been laid between:

Position (WGS84 datum)	Remarks
20° 36'.296 S 116° 45'.475 E	
20° 35'.481 S 116° 44'.727 E	
20° 35'.481 S 116° 44'.727 E	
20° 35'.122 S 116° 44'.671 E	
20° 33'.078 S 116° 45'.640 E	
20° 33'.078 S 116° 45'.640 E	
20° 31'.876 S 116° 45'.735 E	
20° 30'.541 S 116° 46'.337 E	
20° 26'.767 S 116° 46'.547 E	
20° 24'.479 S 116° 45'.944 E	
20° 18'.962 S 116° 40'.113 E	
20° 17'.185 S 116° 32'.153 E	For positions beyond this point see pipeline as charted on Aus 741, 742, 327, 328, 415, 416.

A 0.5M exclusion zone exists on each side of the pipeline from the shore crossing to position 20° 24'.48 S 116° 45'.94 E.

New editions of Aus 57, 58 and 59 will be published on completion of dredging of the new shipping channel mid 2010.

**Chart which will be affected - Aus 57 - Aus 58 - Aus 59**

**138(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Regnard Bay - Scientific instrument**

Department of Transport Notice WA 15/2010 (AA451865)

A special light buoy, *Fl(5)Y.20s*, exists in position 20° 49'.32 S 116° 21'.28 E (WGS84 datum).

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

**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**

**140(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Drilling operations**

Date - Until 30 June 2010  
Department for Transport WA Notice 10A/2010 (AA451323)

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

21° 40'.18 S 114° 59'.15 E  
21° 40'.16 S 114° 57'.16 E  
21° 30'.95 S 114° 47'.42 E  
21° 23'.57 S 114° 46'.56 E  
21° 20'.63 S 114° 49'.77 E  
21° 27'.96 S 115° 02'.35 E

21° 28'.01 S 115° 07'.22 E  
21° 32'.99 S 115° 05'.99 E  
21° 38'.29 S 115° 05'.77 E.

Mariners are advised to navigate with caution in the area and keep 50m clear of the barges.

**Chart temporarily affected - Aus 64 - Aus 743 - Aus 744 - AU422114**

**142(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Obstruction**

*Date* - Until 31 May 2010

Department for Transport WA Notice 7/2010 (AA451310)

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

Mariners are advised to navigate with caution in the area.

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

**179(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Scientific instruments**

*Former Notice* - 1459(T)/2009 is cancelled

MetOcean Engineers (AA452527)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
13° 44'.69 S 123° 20'.98 E	lit buoy, <i>Fl(5)Y.20s</i>
13° 44'.59 S 123° 21'.40 E	subsurface
13° 47'.28 S 123° 23'.72 E	lit buoy, <i>Fl(5)Y.20s</i>

**Chart temporarily affected - Aus 319 – AX 0319F - AU314123**

**180(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Lacepede Channel to Cape Boileau - Scientific instruments**

*Former Notice* - 71(T)/2010 is cancelled

*Date* - Until 31 July 2010

MetOcean Engineers (AA447760)

Scientific instruments exist as follows (WGS84 datum):

<i>Position</i>	<i>Remarks</i>
17° 13'.93 S 122° 05'.06 E	subsurface
17° 28'.27 S 122° 05'.03 E	subsurface
17° 30'.07 S 121° 53'.45 E	subsurface
17° 30'.81 S 121° 53'.88 E	lit buoy, <i>Fl(5)Y.20s</i>
17° 43'.53 S 122° 02'.03 E	subsurface

**Chart temporarily affected - Aus 323 - Aus 324 - AU418122**

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

*Date* - Until 31 August 2010

MetOcean Engineers (AA454046)

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° 34'.30 S 114° 29'.66 E  
21° 36'.30 S 114° 32'.35 E  
21° 39'.19 S 114° 38'.65 E  
21° 40'.20 S 114° 42'.01 E  
21° 43'.10 S 114° 49'.39 E.

**Chart temporarily affected - Aus 328 - Aus 329 - Aus 743 - Aus 744 - AU422114**

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

*Date* - Until 30 June 2010

Department of Transport Notice 32A/2010 (AA458929)

Scientific instruments exist as follows:

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'.2 S 123° 33'.4 E	subsurface.

**Chart temporarily affected - Aus40 - Aus732 - Aus733**

**277(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Regnard Bay - Scientific instruments**

Date - Until 31 May 2010

Department of Transport Notice 34A/2010 (AA458922)

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

20° 49'.72 S 116° 21'.08 E  
20° 49'.42 S 116° 21'.18 E.

**Chart temporarily affected - Aus742 - AU421116**

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

Former Notice - 1254(T)/2008 is cancelled

MetOcean Engineers (AA459881)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
20° 15'.42 S 118° 33'.72 E	5 poly floats
20° 15'.54 S 118° 33'.81 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'.84 S 118° 24'.26 E	<i>Fl(5)Y.20s</i>
20° 07'.83 S 118° 24'.20 E	5 poly floats

**Chart temporarily affected - Aus 52 - Aus 53 - Aus 54 - Aus 739 - Aus 740 - AU5XXX52**

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

Date - Until 30 September 2010

MetOcean Engineers (AA459650)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
19° 34'.35 S 116° 07'.55 E	lit buoy, <i>Fl(5)Y.20s</i>
19° 34'.23 S 116° 07'.50 E	subsurface
19° 40'.49 S 115° 55'.07 E	subsurface
19° 40'.68 S 115° 55'.22 E	lit buoy, <i>Fl(5)Y.20s</i>
19° 40'.86 S 115° 49'.83 E	lit buoy, <i>Fl(5)Y.20s</i>
19° 40'.94 S 115° 49'.87 E	subsurface
19° 48'.25 S 115° 39'.96 E	subsurface
19° 48'.28 S 115° 40'.70 E	subsurface
19° 48'.30 S 115° 40'.72 E	lit buoy, <i>Fl(5)Y.20s</i>
19° 48'.34 S 115° 39'.99 E	lit buoy, <i>Fl(5)Y.20s</i>
19° 54'.88 S 115° 37'.15 E	lit buoy, <i>Fl(5)Y.20s</i>
19° 54'.93 S 115° 37'.22 E	subsurface

**Chart temporarily affected - Aus 327 - Aus 328 - AU320115**

**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**

**393(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Dredging operations**

*Former Notice - 73(T)/2010 is cancelled*

Dampier Port Authority Notice 11/2010 (AA463724)

The dredges *Cornelis Zanen* and *Queen of the Netherlands*, barge 131 and MT *Cape Mac* are conducting dredging operations in the area bounded by the following positions (WGS84 datum):

20° 32'.4 S 116° 42'.7 E  
20° 32'.4 S 116° 42'.9 E  
20° 33'.8 S 116° 43'.2 E  
20° 36'.3 S 116° 45'.5 E  
20° 36'.5 S 116° 45'.3 E  
20° 36'.3 S 116° 44'.8 E  
20° 33'.3 S 116° 42'.5 E.

The dredge material will be deposited at the offshore spoil ground (20° 23'.0 S 116° 42'.0 E).

All vessels involved in the operations will monitor VHF Ch 11 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 57 - Aus 58 - Aus 59 - AU5XXX58**

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

*Former Notice - 679(T)/2009 is cancelled*

*Date - Until 31 March 2011*

MetOcean Engineers (AA464660)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
19° 51'.96 S 115° 17'.10 E	subsurface
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
20° 11'.29 S 115° 23'.51 E	subsurface

**Chart temporarily affected - Aus 328 - AU320115**

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

*Date - Until 23 December 2010*

Chevron Australia Pty Ltd (AA463979)

Wells exist as follows;

<i>Position (WGS84 datum)</i>	<i>Remarks</i>	<i>Depth (metres)</i>
19° 32'.99 S 114° 07'.80 E	Chandon 2	1168
19° 57'.21 S 114° 52'.73 E	Geryon 2	1219
20° 12'.91 S 114° 32'.23 E	Achilles 1	1151
20° 18'.48 S 114° 41'.25 E	Clio 3	971

**Chart temporarily affected - Aus 328 - Aus 415 - Aus 416 - AX 0415F - AX 4708F - Aus 4708(INT708) - AU130090 - AU320114 - AU321114**

**396(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island to Ashburton Road - Scientific instruments**

*Former Notice - 77(T)/2010 is cancelled*

*Date - Until 31 March 2011*

MetOcean Engineers (AA464659, AA464660)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
21° 21'.86 S 114° 51'.20 E	5 poly floats
21° 22'.08 S 114° 50'.91 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 22'.08 S 114° 51'.00 E	5 poly floats
21° 25'.95 S 114° 55'.97 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 26'.13 S 114° 55'.85 E	5 poly floats
21° 29'.15 S 115° 00'.86 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 29'.21 S 115° 00'.94 E	5 poly floats
21° 30'.12 S 115° 02'.92 E	lit buoy, <i>Fl(5)Y.20s</i>

21° 31'.40 S 114° 54'.90 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 31'.62 S 115° 07'.04 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 31'.63 S 114° 46'.37 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 31'.66 S 115° 07'.07 E	5 poly floats
21° 35'.13 S 114° 56'.38 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 35'.17 S 114° 56'.38 E	5 poly floats
21° 36'.30 S 115° 04'.94 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 36'.30 S 115° 04'.75 E	5 poly floats
21° 39'.32 S 115° 00'.77 E	lit buoy, <i>Fl(5)Y.20s</i>

**Chart temporarily affected - Aus 64 - Aus 328 - Aus 743 - Aus 744 - AU422114 - AU422115**

**397(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Warnbro Sound - Port Kennedy - Harbour works**

*Date* - Until 1 July 2010

Department of Transport WA Notice 46A/2010 (AA463980)

Harbour works associated with construction of a boat ramp are in progress.

*Barge 24* and support vessel *Fortesque 3* are on site and will display appropriate shapes and lights.

Support vessel *Fortesque* will monitor VHF Ch 12 and 16.

An exclusion zone, marked by special light buoys, exists in the area bounded by:

32° 21'.97 S	115° 43'.65 E
32° 21'.85 S	115° 43'.65 E
32° 21'.85 S	115° 43'.84 E
32° 21'.97 S	115° 43'.84 E

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 116 - Aus 755 - AX 0755E - AX 66002 - AU433115**

**456(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Lacepede Islands - Scientific instrument northwestwards**

*Former Notice* - 392(T)/2010 is cancelled

*Date* - Until 5 May 2010

CSIRO (AA466380, AA466381)

A subsurface scientific instrument, 10m below the surface, exists in position 15° 43'.68 S 121° 05'.83 E.

**Chart temporarily affected - Aus 415 - Aus 4722 (INT 722) - AX 0415F - AX 4722F**

**457(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Regnard Bay - Scientific instruments**

*Date* - Until 31 May 2010

Cardno Lawson Treloar (AA465464)

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

20° 46'.08 S	116° 21'.11 E
20° 48'.76 S	116° 24'.24 E
20° 49'.16 S	116° 22'.62 E
20° 49'.41 S	116° 21'.35 E
20° 49'.54 S	116° 21'.16 E
20° 49'.50 S	116° 21'.06 E
20° 49'.44 S	116° 20'.84 E

**Chart temporarily affected - Aus 741 - Aus 742 - AU421116**

**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**

**520(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Seismic survey northwestwards**

Date - Until 31 July 2010

Fugro (AA468833 - AA468835)

MV *Geo Atlantic* with a 7000m towed array is conducting a survey in the area bounded by the following positions:

18° 15'.92 S 114° 35'.73 E  
17° 21'.14 S 115° 51'.83 E  
17° 41'.40 S 116° 07'.86 E  
18° 36'.34 S 114° 51'.74 E.

**Chart temporarily affected - Aus 414 - Aus 415 - Aus 4603 (INT 603) - Aus 4708 (INT 708) - AX 0415F - AX 4603F - AX 4708F - AU130090**

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

Date - Until 30 April 2011

Department of Transport 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 415 - Aus 416 - Aus 742 - Aus 743 - Aus 744 - Aus 4603 (INT 603) - Aus 4708 (INT 708) - AX 0415F - AX 4603F - AX 4708F - AU130090 - AU320114 - AU321114 - AU422114 - AU422115**

**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**

**570(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Shoaling**

Dampier Port Authority Notice 17/2010 (AA470905)

Shoaling 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**

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

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

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

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

**Chart temporarily affected - Aus 327**

## SOUTH AUSTRALIA

### **265(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Port Augusta - Bluff Reach - Light beacon destroyed**

*Former Notice - 172(T)/2008 is cancelled*

Department for Transport, Energy and Infrastructure SA Notice 3/2008 (AA310768)

No 9 light beacon K1952 (32° 39'.0 S 137° 46'.2 E) has been destroyed; light buoy Q(9) 15s has been established in situ.

**Chart temporarily affected - Aus 344 - Aus 778**

### **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**

### **830(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Barker Inlet - Shoaling**

*Former Notice - 484(T)/2006 is cancelled*

Department for Transport, Energy and Infrastructure SA (AA192234)

Shoaling exists in position 34° 44'.309 S 138° 28'.689 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 130 - Aus 780 - Aus 781**

### **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**

**1208(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Neptune Islands - Scientific instrument**

*Date* - Until 30 April 2009

Department for Transport, Energy and Infrastructure SA Notice 57/2008 (AA368452, AA369108)

A scientific instrument marked by a special buoy exists in position 35° 16'.21 S 135° 41'.10 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 343 – AX 0343E**

**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**

**335(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Port Stanvac - Scientific instrument**

*Date* - Until 31 March 2010

Department for Transport, Energy and Infrastructure SA Notice 13/2009 (AA390604)

A scientific instrument marked by a special light buoy, *Fl. Y. 3s*, exists in position 35° 05'.54 S 138° 27'.95 E (WGS84 datum).

**Chart temporarily affected - Aus 125 - Aus 780 - Aus 781**

**455(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Point Lowly - Light unreliable**

Flinders Ports (AA398661)

The light K1948 (32° 59'.98 S 137° 47'.13 E (WGS84 datum)) is unreliable.

**Chart temporarily affected - Aus 136 - Aus 444 - Aus 778**

**456(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Largs Bay - Light buoy off station**

Department for Environment and Heritage (AA397712)

The special light buoy, *Fl. Y. 5s* (34° 49'.29 S 138° 25'.06 E (WGS84 datum)), is off station.

**Chart temporarily affected - Aus 130 - Aus 138 - Aus 780 - Aus 781 - AU435138 - AU5137X8**

**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**

**520(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Murray River - Dredging operations; exclusion zone**

*Date* - Until 31 October 2009

Department for Transport, Energy and Infrastructure SA Notice 20/2009 (AA399745)

Dredging operations are in progress in the entrance to Murray River.

An exclusion zone, marked by special buoys, exists in position 35° 33'.57 S 138° 52'.67 E. Vessels are not permitted to enter this buoyed zone.

The dredge displays appropriate lights and shapes.

#### **Chart temporarily affected - Aus 347**

**572(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Port Stanvac - Pipeline**  
Department for Transport, Energy and Infrastructure SA Notice 26/2009 (AA402614)

A pipeline is being laid in the area bounded by (WGS84 datum):

35° 07'.49 S 138° 28'.13 E  
35° 07'.53 S 138° 27'.71 E  
35° 07'.63 S 138° 27'.73 E  
35° 07'.60 S 138° 28'.16 E

Vessels associated with the works will display appropriate lights and shapes.

All vessels are required to keep a distance of at least 100m from any vessels working within the above area.

#### **Chart temporarily affected – Aus 125 – Aus 780 – Aus 781**

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

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

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

**1082(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - Whidbey Isles to Kangaroo Island - Scientific instruments**

*Former Notice - 334(T)/2009 is cancelled*

*Date - Until 30 April 2010*

South Australian Research and Development Institute (AA390585, AA390586, AA427162)

Subsurface scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Removed</i>
34° 55'.68 S 135° 00'.60 E	Apr - Sep 09, Jan 10
35° 14'.21 S 136° 41'.68 E	Oct 09
35° 16'.14 S 135° 41'.22 E	Apr - Sep 09
35° 30'.00 S 136° 36'.00 E	Apr 09 - Jan 10
36° 30'.96 S 136° 14'.58 E	Apr - Jun 09, Oct - Nov 09
36° 31'.20 S 136° 51'.30 E	

#### **Chart temporarily affected - Aus 342 - Aus 343 - Aus 345 - Aus 346 - Aus 444 - AX 0343E - AU336135**

**1396(T)/2009 AUSTRALIA - SOUTH AUSTRALIA - North Neptunes - Scientific instruments**

*Date - Until 31 December 2010*

South Australian Research and Development Institute (AA442608)

Subsurface scientific instruments exist in positions (WGS84 datum):

35° 13'.73 S 136° 04'.40 E  
35° 13'.79 S 136° 04'.19 E  
35° 13'.90 S 136° 04'.35 E

#### **Chart temporarily affected - Aus 343 - Aus 345 – AX 0343E**

**87(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Port Stanvac - Offshore works**

*Former Notice - 1201(T)/2009 is cancelled*

*Date - Until 31 January 2011*

Department for Transport, Energy and Infrastructure SA Notices 43/2009, 58/2009 (AA431916, AA447769)

Installation of infrastructure for a desalination plant are in progress in an area bounded by the following positions (WGS84 datum):

35° 06'.10 S 138° 27'.85 E  
35° 05'.74 S 138° 28'.06 E  
35° 05'.99 S 138° 28'.69 E  
35° 06'.36 S 138° 28'.42 E.

The boundary is marked by special light buoys.

All vessels associated with the works will display appropriate lights and shapes.

Unauthorised vessels are prohibited from entering the area.

**Chart temporarily affected - Aus 125 - Aus 780 - Aus 781**

**236(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Barker Inlet - Shoaling**

Department for Transport, Energy and Infrastructure SA Notice 8/2010 (AA455661)

Shoaling, marked by a starboard lateral buoy, exists in position 34° 45'.12 S 138° 30'.99 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 130 - AU435138**

**525(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Wallaroo Bay - Wreck**

Department of Transport, Energy and Infrastructure SA Notice 19/2010 (AA468763)

A wreck marked by an isolated danger buoy exists in position 33° 54'.71 S 137° 36'.23 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 777 - AU5777P1**

**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**

## VICTORIA

### **458(T)/2007 AUSTRALIA - VICTORIA - Ninety Mile Beach - Obstructions**

Victorian Notice 51(T)/2007 (A242065)

Suspended well heads, least depth unknown, exist in the vicinity of 38° 37'.65 S 146° 53'.75 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 357A**

### **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**

### **797(T)/2007 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Obstruction**

Victorian Notice 99(T)/2007 (AA280895)

An obstruction marked by an isolated danger light buoy, *Fl. (2). 8s*, 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**

### **897(T)/2007 AUSTRALIA - VICTORIA – Port Phillip - Port Melbourne - Webb Dock - Shoaling**

Victorian Notice 116(T)/2007 (AA287501)

Shoaling, least depth 6.1m, exists at the northern end of the Webb Dock 7m maintained depth area in the vicinity of 37° 50'.43 S 144° 54'.29

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 154**

### **997(T)/2007 AUSTRALIA - VICTORIA - Port Phillip - Station Pier - Shoaling**

Victorian Notice 124(T)/2007 (AA292404)

Shoaling, least depth 8.5m, exists east of a line between:

37° 50'.61 S 144° 55'.95 E

37° 50'.74 S 144° 55'.95 E

37° 50'.75 S 144° 55'.98 E

Shoaling, least depth 9.5m, exists east of a line between:

37° 50'.74 S 144° 55'.95 E

37° 50'.94 S 144° 55'.88 E

37° 50'.95 S 144° 55'.91 E

Shoaling, least depth 10.0m, exists east of a line between:

37° 50'.94 S 144° 55'.88 E

37° 50'.99 S 144° 55'.83 E

37° 51'.14 S 144° 55'.79 E

Shoaling, least depth 9.8m, exists west of a line between:

37° 51'.10 S 144° 55'.63 E

37° 51'.06 S 144° 55'.63 E

37° 50'.99 S 144° 55'.58 E

37° 50'.96 S 144° 55'.53 E

37° 50'.90 S 144° 55'.51 E

37° 50'.91 S 144° 55'.49 E

Shoaling, least depth 10.0m, exists west of a line between:

37° 50'.90 S 144° 55'.51 E

37° 50'.85 S 144° 55'.51 E

37° 50'.79 S 144° 55'.55 E

37° 50'.73 S 144° 55'.56 E

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**223(T)/2008 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Princes Pier - Harbour works**

*Date* - Until 1 October 2009

Victorian Notice 12(T)/2008 (AA313545)

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 143 - Aus 154 - Aus 155**

**514(T)/2008 AUSTRALIA - VICTORIA - Western Port - Phillip Island - Shoaling northwards**

Victorian Notice 64(T)/2008 (AA333884)

Shoaling, least depth *13.4 metres*, exists at position 38° 25'.53 S 145° 13'.90 E extending 100 metres into the shipping channel .

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 150 - Aus 151**

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

Victorian Notice 98/2008 (AA354281)

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

**Chart temporarily affected - Aus 154 - AU5XX154**

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

Victorian Notice 128(T)/2008 (AA368471)

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

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

**Chart temporarily affected – Aus 181 – Aus 357A – Aus 802 - AU439146**

**230(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Depth information**

*Former Notice* - 1088(T)/2007 is cancelled

Port of Melbourne Corporation (AA384611)

Available depths as at 6 February 2009:

<i>Berth</i>	<i>Metres</i>
Station Pier Inner West	8.0

**Chart temporarily affected - Aus 154 - AU5XX154**

**465(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Depth information**

*Former Notice* - 952(T)/2006 is cancelled

Victorian Notice 31(T)/2005, 104(T)/2005 (AA131863, AA203894)

Available depths as at 1 March 2005:

<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 7.6m shoal patch exists 125 metres southwest of the Point Richards Channel No 14 beacon (38° 07'.30 S 144° 33'.12 E).

**Chart temporarily affected - Aus 153 - Aus 157 - AU5XX153**

**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**

**926(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Swanson Dock - Harbour works**

*Date* - Until 30 June 2010

Victorian Notice 101(T)/2009 (AA419769)

A barge and associated vessels will be conducting harbour works (37° 48'.85 S 144° 54'.81 E).

Vessels manoeuvring in the dock must maintain a minimum clearance of 50m from the work units. Vessels berthing or unberthing may approach to within 20m of the work units.

Further information can be obtained from Melbourne VTS on VHF Ch 12.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 154 - AU5XX154**

**1089(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works**

*Date* - Until 30 September 2009

Victorian Notice 121(T)/2009 (AA427815)

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

A barge and associated vessels are onsite and will display the appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

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

**1252(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - South Wharf - Harbour works**

*Date* - Until 18 December 2009

Victorian Notice 139(T)/2009 (AA435322)

Works associated with the rehabilitation of the wharf face between South Warf 25 (37° 49'.23 S 144° 55'.87 E) and 26 (37° 49'.20 S 144° 55'.61 E) are in progress.

Diving operations are being undertaken from the barge *Easterly*.

From 23 November the jack-up barge *Jub No 2* will conduct pile driving operations for the installation of a floating safety boom.

The barge can be contacted on VHF Ch 12 and mobile 0411 555 925.

Updated information can be obtained from Melbourne VTS on VHF Ch 12.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154 - AU5XX154**

**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**

**1303(T)/2009 AUSTRALIA - VICTORIA - Port Albert - Harbour works**  
Victorian Notice 151/2009 (AA436348)

Demolition and construction works are in progress at the boat harbour jetty (38° 40'.41 S 146° 41'.73 E (WGS84 datum)).

A pile driving barge and support vessel are on site and anchors will be deployed.

Diving operations are also in progress.

Two *Fl.Y.5s* lights have been attached to the jetty structure.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 181 - Aus 182 - AU439146**

**1344(T)/2009 AUSTRALIA - VICTORIA - Port Melbourne - Port Phillip - Dredging operations**

*Date* - Until 30 April 2011

Victorian Notice 156(T)/2009 (AA439003)

A dredge and barge are conducting dredging operations in the Port of Melbourne at the following locations:

Port Melbourne Channel leading to Station Pier (37° 51'.6 S 144° 55'.7 E) and

Station Pier berths and swing basin (37° 50'.8 S 144° 55'.8 E)

Ann St Pier (37° 51'.6 S 144° 54'.6 E)

Webb Dock (37° 50'.7 S 144° 54'.4 E)

Maribyrnong River (37° 49'.0 S 144° 54'.3 E)

River Yarra berths and approaches (37° 49'.1 S 144° 55'.2 E).

The dredge material will be deposited at the Port of Melbourne spoil ground (38° 00'.5 S 144° 53'.0 E).

Updated information on the daily dredging schedule can be obtained from Melbourne VTS on VHF Ch 12.

Mariners are advised to navigate with caution in the area.

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

**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**

**1405(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Point Richards - Harbour works**

*Date* - Until 30 December 2009

Victorian Notice 160/2009 (AA441626)

Harbour works associated with the construction of a rock groyne in position 38° 06'.47 S 144° 37'.90 E are in progress.

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

Dredging operations are in progress for an access channel to the boat ramp. The dredge will be marked by flashing yellow lights and the dredge pipeline will be marked by light buoys.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 157 - AU439144**

**1466(T)/2009 AUSTRALIA - BASS STRAIT - Drilling operations**

*Former Notice* - 850(T)/2009 is cancelled

*Date* - Until 31 January 2010

Origin Energy CSG Ltd (AA417748, AA445117)

The drill rig *Kan Tan IV* will be conducting drilling operations at well *Rockhopper-1* (39° 37'.50 S 145° 26'.35 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 487 - AU340145**

**1467(T)/2009 AUSTRALIA - VICTORIA - Barwon River - Lights trial**

*Former Notice* - 1036(T)/2007 is cancelled

Victorian Notice 139(T)/2007 (AA295030)

Trial leading lights, 317°, exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
38° 16'. 97 S 144° 29'. 97 E	Front <i>Fl.4s</i>
38° 16'. 95 S 144° 29'. 94 E	Rear <i>F.Bu</i>

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - AU439144**

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

*Former Notice* - 1205(T)/2009 is cancelled

*Date* - Until 30 November 2010

Victorian Notice 133(T)/2009 (AA431931)

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

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

38° 16'.94 S 144° 29'.68 E  
38° 16'.92 S 144° 29'.87 E  
38° 16'.97 S 144° 29'.85 E  
38° 16'.98 S 144° 29'.67 E.

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 788 - AU439144**

**1469(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Harbour works**

*Former Notice* - 1212(T)/2008 is cancelled

*Date* - Until 30 January 2010

Victorian Notice 173(T)/2009 (AA444962)

Harbour works and diving operations associated with the rehabilitation of the wharf face are in progress (37° 49'.23 S 144° 55'.77 E).

A safety floating boom exists between 25 South Wharf (37° 49'.24 S 144° 55'.86 E) and 26 South Wharf (37° 49'.22 S 144° 55'.68 E).

Further information can be obtained from Melbourne VTS on VHF Ch 12.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154 - AU5XX154**

**280(T)/2010 AUSTRALIA - VICTORIA - Western Port - Phillip Island - McHaffies Point - Light altered**

*Date* - Until 9 April 2010

Victorian Notice 25T/2010 (AA458382)

The light (38° 27'.96 S 145° 09'.99 E) has been temporarily altered to *Oc.WRG.5s 18m 16M*.

**Chart temporarily affected - Aus150 - Aus151 - AU439145**

**343(T)/2010 AUSTRALIA - BASS STRAIT - Drilling operations**

*Former Notice* - 1470(T)/2009 is cancelled

*Date* - Until 31 May 2010

Esso Australia Pty Ltd (AA445557, AA445558, AA461783, AA461790)

The mobile drilling unit *Ocean Patriot* is conducting drilling operations in the following positions:

38° 07'.22 S 148° 23'.16 E

38° 09'.68 S 148° 12'.97 E

38° 10'.85 S 148° 35'.62 E

38° 10'.85 S 148° 35'.63 E

38° 10'.86 S 148° 35'.59 E

38° 10'.87 S 148° 35'.59 E

38° 19'.20 S 148° 06'.17 E.

A 500m safety zone exists at each location.

Mooring buoys exist up to 1200m from the mobile drilling unit.

**Chart temporarily affected - Aus 357A - Aus 487 - AU439148**

**468(T)/2010 AUSTRALIA - VICTORIA - Western Port - Rhyll - Harbour works**

*Former Notice* - 342(T)/2010 is cancelled

*Date* - Until 14 May 2010

Victorian Notice 36(T)/2010 (AA466109)

Works associated with the installation of a new pontoon, gangway and associated piling are in progress at Rhyll jetty (38° 28'.00 S 145° 18'.55 E) and boat ramp (38° 27'.93 S 145° 18'.60 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 150 - AU5150P3**

**526(P)/2010 AUSTRALIA - VICTORIA - Cape Nelson - Light to be altered**

*Date* - On or about 15 June 2010

Australia n Maritime Safety Authority Preliminary ATH 3/2010 (AA467442)

The range of light K2136 (38° 25'.87 S 141° 32'.60 E (WGS84 datum)) will be altered to *20M*.

**Chart which will be affected - Aus 140 - Aus 348 - Aus 349 - AU439141**

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

*Former Notice* - 1036(T)/2009 is cancelled

*Date* - Until 17 December 2010

Victorian Notice 41(T)/2010 (AA468787)

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 from 24 May to 17 December 2010 between 0600 and 1400. Vessels with air draught greater than 47.5m are not permitted to transit. Vessels with air draught 43.5m to 47.5m are permitted to transit subject to evacuation of all personnel from the gantry or platforms. Vessels with air draught 39.5m to 43.5m no restrictions apply, however notice is to be provided to construction crew for vessels transiting the West Gate Bridge.

The following restrictions apply from 24 May to 17 December 2010 between 2030 and 0600. Vessels with air draught greater than 43.5m are permitted to transit subject to evacuation of all personnel from the gantry or platforms. Vessels with air draught 39.5m to 43.5m no restrictions apply, however notice is to be provided to construction crew for vessels transiting the West Gate Bridge.

Incoming vessels with air draught greater than 39.5m to 43.5m 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. Incoming vessels with air draught 43.5m to 47.5m 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. Incoming vessels with air draught

greater than 47.5m between 2030 and 0600 report to Melbourne VTS 60 minutes prior to arrival Fawkner beacon and departing vessels report to Melbourne VTS 60 minutes prior to departing from berths upstream of the West Gate Bridge. Melbourne VTS will relay the notice to the West Gate Bridge gantry master.

**Chart temporarily affected - Aus 154 - AU5XX154**

**574(P)/2010 AUSTRALIA - VICTORIA - Port Campbell - Lights established; bearing altered**

*Date* - On or about 11 May 2010

Victorian Notices 45/2010, 46(T)/2010 (AA471058, AA471060)

Leading lights, *Q.Bu (Front) and Iso.Bu.4s (Rear)*, bearing *050°* have been established in approximate position *38° 37'·17 S 142° 59'·56 E*.

The bearing of the leads (*38° 37'·19 S 142° 59'·38 E*) has been amended to *028°*.

*Note*: Charting action will be undertaken on receipt of surveyed positions.

**Chart which will be affected - Aus 141**

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

*Date* - Until 13 September 2010

Victorian Notice 42(T)/2010 (AA469622)

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

All hazards to navigation will display appropriate lights and shapes

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 155 - AU438144**

## 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.**

### **131(T)/2008 AUSTRALIA - TASMANIA - Georges Bay - Shoaling**

*Former Notice - 1204(T)/2006 is cancelled*

Marine and Safety Tasmania Notice M147-07 (AA306723)

Shoaling, minimum depth *1.5 metres*, exists along the track adjacent to Pelican Point inside Georges Bay. Local knowledge should be sought prior to transiting the barway and channel.

**Chart temporarily affected - Aus 169**

### **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**

### **833(T)/2008 AUSTRALIA - TASMANIA - River Derwent - Scientific instruments**

*Former Notice - 676(T)/2008 is cancelled*

*Date - Until 31 July 2010*

Marine and Safety Tasmania Notice M68/2008 (AA344444)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
43° 02'.80 S 147° 24'.34 E	<i>Fl.6s 2M</i>
43° 03'.53 S 147° 22'.50 E	subsurface
43° 02'.88 S 147° 21'.12 E	subsurface
43° 03'.40 S 147° 20'.88 E	subsurface

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

### **274(T)/2009 AUSTRALIA - TASMANIA - Storm Bay - Scientific instruments**

*Date - Until 31 March 2010*

Marine and Safety Tasmania M27/2009 (AA386833)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
43° 12'.0 S 147° 33'.0 E	subsurface
43° 18'.0 S 147° 39'.6 E	subsurface
43° 18'.0 S 147° 39'.7 E	subsurface

**Chart temporarily affected – Aus 795 – Aus 796**

### **460(T)/2009 AUSTRALIA - TASMANIA - Spring Bay - Depth information**

*Former Notice - 891(T)/2008 is cancelled*

Tasports (AA397043, AA397044)

Available depths as at 3 March 2009:

<i>Berth</i>	<i>Metres</i>
Spring Bay Berth	11.0
Spring Bay Basin	10.5

\* Indicates revised entry.

#### Chart temporarily affected - Aus 175

#### 522(T)/2009 AUSTRALIA - TASMANIA - Hobart - Depth information

Former Notice - 459(T)/2009 is cancelled

Marine and Safety Tasmania Notice M62/2009 (AA400769)

Available depths as at 21 April 2009:

	<i>Metres</i>
Princes 1	7.4
Princes Int	7.6
Princes 2	7.8
Princes 3	8.5
Princes 4	7.5
Elizabeth St South	9.8 (6.0m first 20m inner end)
Macquarie 1	6.8 (4.5m first 20m inner end)
Macquarie 2	9.3
Macquarie 3	10.0
Macquarie 4	13.0
Macquarie 5	12.0
Macquarie 6	11.0
Selfs Point	14.4
Risdon 1	9.2
Risdon 2	10.0

\* Indicates new or revised entry.

#### Chart temporarily affected - Aus 172

#### 795(T)/2009 AUSTRALIA - TASMANIA - River Derwent - Hobart - Buoy established

Marine and Safety Tasmania Notice M86/2009 (AA414916, AA414949)

A special buoy exists in position 42° 54'.11 S 147° 23'.02 E.

#### Chart temporarily affected – Aus 171

#### 922(T)/2009 AUSTRALIA - TASMANIA - Burnie - Depth information

Former Notice - 686(T)/2009 is cancelled

Tasports (AA420205)

Available depths as at 27 July 2009:

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

\* Indicates new or revised entry.

#### Chart temporarily affected – Aus 163

#### 979(T)/2009 AUSTRALIA - TASMANIA - Devonport - Depth information

Former Notice - 685(T)/2009 is cancelled

Marine and Safety Tasmania Notice M100/2009 (AA423319)

Available depths as at 21 July 2009:

<i>Berth</i>	<i>Metres</i>
Entrance Channel	8.0
* Swing Basin	8.4
1E	6.5
* 2E	7.6
3E	7.8
* 1W	7.4
2W	6.3
3W	6.3
* 4W	8.6
* 5W	4.7

\* Indicates new or revised entry.

#### Chart temporarily affected - Aus 164 - AU5164P1

**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**

**1086(T)/2009 AUSTRALIA - TASMANIA - Bell Bay - Long Reach - Light beacon destroyed**

*Former Notice* - 220(T)/2008 is cancelled

*Date* - Until 26 March 2010

Marine and Safety Tasmania Notice M115/2009 (AA425266)

No 2 light beacon K3588 (41° 09'.62 S 146° 54'.96 S) has been destroyed; a port lateral light buoy, *Fl.R.3s*, exists in situ.

**Chart temporarily affected - Aus 167 - Aus 168 - AU5167X8**

**1142(T)/2009 AUSTRALIA - TASMANIA - Port Dalrymple - Scientific instruments**

*Date* - Until 30 September 2010

MetOcean Engineers (AA429344, AA429345)

Scientific instruments marked by surface floats exist in the following positions:

40° 59'.08 S 146° 46'.70 E

41° 00'.27 S 146° 51'.65 E

41° 03'.70 S 146° 45'.05 E

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

**1341(T)/2009 AUSTRALIA - TASMANIA - Storm Bay - Scientific instruments**

*Date* - Until 31 March 2010

Marine and Safety Tasmania Notice M164/2009 (AA439572)

Subsurface scientific instruments exist in positions (WGS84 datum):

43° 10'.29 S 147° 32'.09 E

43° 18'.00 S 147° 39'.60 E

43° 18'.00 S 147° 39'.70 E.

**Chart temporarily affected - Aus 795 - Aus 796 - AU444147**

**88(T)/2010 AUSTRALIA - TASMANIA - Little Oyster Cove - Harbour works; light beacon discontinued**

D Davey (AA448185), Marine and Safety Tasmania Notice M5/2010 (AA448186)

Harbour works associated with the expansion of the marina (43° 07'.5 S 147° 15'.2 E) are in progress.

The starboard beacon (43° 07'.49 S 147° 15'.41 E) has been removed.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 171 - Aus 173 - AU444147**

**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**

**92(T)/2010 AUSTRALIA - TASMANIA - River Tamar - Windermere - Obstruction**

Marine and Safety Tasmania Notice M7/2010 (AA448264)

A submerged cable exists in the vicinity of position 41° 19'.08 S 147° 00'.23 E.

**Chart temporarily affected - Aus 168 - AU5167X8**

**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**

**185(T)/2010 AUSTRALIA - TASMANIA - River Derwent - Geilston Bay - Wreck**

Marine and Safety Tasmania Notice M21/2010 (AA453125)

A wreck exists in position 42° 50'.33 S 147° 20'.54 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 172 - AU5XX172**

**400(T)/2010 SOUTHERN OCEAN - Scientific instrument withdrawn**

*Date - Until 8 September 2010*

CSIRO (AA464743)

The special light buoy, Fl.Y.6s (46° 18'.94 S 140° 39'.61 E), has been temporarily withdrawn.

**Chart temporarily affected - Aus 4709(INT709)**

**528(T)/2010 AUSTRALIA - TASMANIA - Huon River - Butts Reef - Light beacon destroyed**

*Former Notice - 466(T)/2010 is cancelled*

Marine and Safety Tasmania Notice M55/2010 (AA468777)

The isolated danger light beacon (43° 16'.45 S 147° 07'.54 E) has been destroyed; a special buoy exists in situ.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 173 - Aus 795 - AU444147**

**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**

**575(T)/2010 AUSTRALIA - TASMANIA - Currie Harbour - Lights unlit**

*Date - Until 28 May 2010*

Marine and Safety Tasmania Notice M58/2010 (AA471603)

All lights in Currie Harbour are unlit.

Mariners are advised not to navigate the harbour between sunset and sunrise.

**Chart temporarily affected - Aus 178 - AU5178P7**

## PAPUA NEW GUINEA

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

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

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

A verification survey will be undertaken shortly.

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

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

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

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

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

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

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

*Former Notice - 374(T)/2007 is cancelled*

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

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

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

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

*Former Notice - 556(T)/2008 is cancelled*

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

The following lights are unlit:

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

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

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

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

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

**Chart temporarily affected - Aus 399 - AU407155**

**1471(T)/2009 PACIFIC OCEAN - Scientific instruments**

*Former Notice - 941(T)/2008 is cancelled*

JAMSTEC (AA443477)

Scientific instruments, Triton buoys, exist as follows:

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

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

**390(T)/2010 PAPUA NEW GUINEA - Gulf of Papua - Seismic survey**

Date - Until 31 May 2010

National Maritime Safety Authority PNG Notice 16/2010 (AA463877, AA463876)

RV *Ramform Explorer* and support vessel *Nautika Pride* will be 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° 26'.5 S 145° 03'.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.

**Chart temporarily affected - Aus 378 - Aus 502 - AU309144 - AU309145 - AU409145**

**467(T)/2010 AUSTRALIA - TASMANIA - Triabunna - Beacon destroyed**

Date - Until 15 May 2010

Marine and Safety Tasmania Notice 49/2010 (AA466522)

The starboard lateral beacon (42° 31'.21 S 147° 54'.85 E) has been destroyed.

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

## EAST TIMOR

### **309(T)/2005 EAST TIMOR - Pulau Jaco - Light unlit.**

List of Lights Vol K/2005 -- 1371.500

MV *Total Provider* (A133672).

The light (8° 25'.3 S 127° 20'.2 E) is unlit.

**Chart temporarily affected – Aus 311 – Aus 312 – Aus 313 – Aus 4721.**

### **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**