

Supplement IV

TEMPORARY AND PRELIMINARY NOTICES In force on 17 May 2013

NEW SOUTH WALES

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

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

Chart temporarily affected - Aus 194 - Aus 195

748(T)/2011 AUSTRALIA - NEW SOUTH WALES - Cape Baily to Ben Buckler - Scientific instruments

Former Notice - 49(T)/2010 is cancelled

Date - Until 30 June 2013

Sydney Institute of Marine Science (AA375220, AA420046, AA545275)

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

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

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

750(T)/2011 AUSTRALIA - NEW SOUTH WALES - Manly - Scientific instruments

Former Notice - 1009(T)/2009 is cancelled

Date - Until 30 June 2013

University of Sydney Institute of Marine Science (AA353372, AA353373, AA424523, AA545275)

Subsurface scientific instruments exist in positions:

33° 48'.03 S 151° 18'.03 E
33° 47'.98 S 151° 17'.65 E
33° 47'.99 S 151° 17'.73 E
33° 47'.92 S 151° 17'.61 E
33° 47'.93 S 151° 17'.69 E.

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

1139(T)/2011 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Harbour works

*Date - **Until 30 April 2013***

Sydney Ports Corporation (AA562429)

Harbour works associated with the construction of Bulk Liquids berth 2 are in progress in an area bounded by the HWL and special light buoys, *Fl. Y. 5s*, in the following positions:

33° 58'.84 S 151° 12'.57 E
33° 58'.83 S 151° 12'.53 E
33° 58'.79 S 151° 12'.53 E
33° 58'.75 S 151° 12'.52 E
33° 58'.70 S 151° 12'.53 E
33° 58'.67 S 151° 12'.53 E
33° 58'.62 S 151° 12'.55 E
33° 58'.58 S 151° 12'.55 E
33° 58'.54 S 151° 12'.59 E
33° 58'.52 S 151° 12'.61 E
33° 58'.50 S 151° 12'.67 E.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 198 – Aus 199

297(T)/2013 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Hayes Dock - Light buoy established

Sydney Ports Corporation Notice 7/2013 (AA657928)

A north cardinal light buoy, Q, exists in position 33° 57'.53 S 151° 12'.05 E.

Chart temporarily affected - Aus 196 - Aus 198 - Aus 199

299(T)/2013 AUSTRALIA - NEW SOUTH WALES - Clarence River - North Channel - Harbour works; Scientific instrument recovered

Former Notice - 1263(T)/2012 is cancelled

Port of Clarence River (Yamba) Notice 5(T)/2013, 6(T)013 (AA657852, AA657854)

Jack up barge *Sea Lift No 1* and support vessels *Cavanbah* and *Sea Punt 4* are conducting piling operations in the vicinity of 29° 25'.38 S 153° 21'.21 E.

A no wash zone exists around the works.

Vessels will display appropriate lights and shapes and will monitor VHF Ch 10 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 222

337(T)/2013 AUSTRALIA - NEW SOUTH WALES - Sydney - Millers Point - Harbour works

Former Notice - 1132(T)/2012 is cancelled

Sydney Ports Notice 9/2013 (AA664448)

Works are marked by a north cardinal light buoy, VQ (33° 51'.30 S 151° 12'.13 E), with six special light buoys, Q.Y, spaced equally to a north cardinal light buoy, VQ (33° 51'.32 S 151° 11'.99 E), with ten special light buoys, Q.Y, spaced equally to a west cardinal light buoy, VQ(9)10s (33° 51'.63 S 151° 12'.02 E).

A silt curtain exists within the boundary of the buoys.

An exclusion zone exists within the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202 - AX 00202T

339(T)/2013 AUSTRALIA - NEW SOUTH WALES - Clarence River - Nav aids destroyed or off station; depths

Former Notice - 300(T)/2013 is cancelled

Port of Clarence River Notice 4/2013 (AA657853)

The light beacons, *Iso.R.2s* (29° 25'.72 S 153° 21'.16 E) and *F.Bu* (29° 23'.56 S 153° 20'.34 E) have been destroyed.

Nav aids in the Clarence River may be destroyed or off station and depths may not be consistent with charted information due to recent flooding.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 222

393(T)/2013 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depth information

Former Notice - 335(T)/2013 is cancelled

Port Kembla Port Corporation Notice 1/2013 (AA662269, AA667485)

Available depths as at 18 April 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Inner Harbour	15.1	
North West Basin	11.2	
101	11.4	Maximum transit draft 12m
102	15.7	
103	12.0	

104	15.4	
105	14.8	
106	13.6	
107	12.0	
108	-	Future Development
109	11.7	
110	10.7	(9.0)
111	15.2	
112	12.8	Maximum transit draft 13.6m
113	11.2	(9.5) West of 7m chainage
	10.5	East of 7m chainage to eastern end of berthing box
201	10.4	To 250m
201	10.2	To 280m
201	10.1	To 330m
202	10.5	To 205m mx LOA 180m
202	10.2	To 205m mx LOA 195m
202	10.0	To 210m
203	9.7	
204	4.2	
205	6.8	
206	11.0	

* Indicates revised entry.

Chart temporarily affected - Aus 194

395(T)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 338(T)/2013 is cancelled

Newcastle Port Corporation (AA665660)

Available depths as at 5 April 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Western Basin 3	11.6	
Western Basin 4	11.6	
Eastern Basin 1	11.6	
Eastern Basin 2 North of Ch 450	11.6	
Eastern Basin 2 South of Ch 450	11.6	
Channel Berth	9.7	
Dyke 1	12.8	
Dyke 2	12.8	
Dyke 4	16.5	
Dyke 5	15.9	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.8	
BHP Wharf 6 to Ch 1050	7.3	
Kooragang 2	11.6	
Kooragang 2 North Dolphin Ch 182 to 228	11.6	
Kooragang 2 South Dolphin Ch -92 to 00	11.0	
Kooragang 3	13.2	
Kooragang 4	16.5	
Kooragang 5	16.5	
Kooragang 6	16.4	
Kooragang 7	16.5	
Kooragang 8	16.2	
Kooragang 9	16.0	
Kooragang 10	16.5	
Throsby 1	8.4	
Carrington Wharf		To be sounded as and when required
Foreshore Park Berth	5.9	
Elgo Wharf		To be sounded as and when required
<i>Channels</i>		
Entrance Approach	17.7	
Entrance Channel (18.0m)	18.0	
Entrance Channel (17.4m)	17.4	
Entrance Channel (16.8m)	16.8	
Entrance Channel (16.2m)	16.2	
Entrance Channel to Horseshoe	15.2	
Horseshoe	15.0	
Steelworks Channel to Swinging Basin	15.0	
* Swinging Basin	15.0	
Hunter River South Arm (Kooragang 6 to buoy 16)	15.0	
* Hunter River South Arm (buoy 16 to buoy 20)	14.9	
Basin Cutting	12.6	
Basin Area to Eastern & Western Basin Berths	12.3	

Basin Area to 1 Throsby	9.4
Stockton Crossing	3.6

* Indicates revised entry.

Chart temporarily affected - Aus 207 - Aus 208

457(T)/2013 AUSTRALIA - NEW SOUTH WALES - Broken Bay - Barrenjoey Head - Light range reduced
Former Notice - 1318(T)/2010 is cancelled
NSW Maritime (AA506509)

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

Chart temporarily affected - Aus 197 - Aus 204 - Aus 215 - Aus 489 - Aus 809 - Aus 4643 (INT 643) - AX 00215T - AX 00809S

QUEENSLAND

710(T)/2008 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoys established

Former Notice - 649(T)/2008 is cancelled

Maritime Safety Queensland Notice 389/2008 (AA345287)

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

Chart temporarily affected - Aus 235 - Aus 236

819(T)/2008 AUSTRALIA - QUEENSLAND - Airlie Beach - Light buoys established

Maritime Safety Queensland Notice 452(T)/2008 (AA351934)

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

Special light buoys mark the location of the silt curtain in the following positions:

20° 16'.070 S 148° 42'.400 E

20° 16'.070 S 148° 42'.402 E

20° 16'.056 S 148° 42'.401 E

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

667(T)/2009 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Wreck

Maritime Safety Queensland Notice 332(T)/2009 (AA408578)

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

Mariners are advised to navigate with caution in the area.

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

1133(T)/2009 AUSTRALIA - QUEENSLAND - Townsville - Ross Creek - Light beacons withdrawn; light buoys established

Maritime Safety Queensland Notice 624(T)/2009 (AA429766)

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

Chart temporarily affected – Aus 257

318(T)/2010 AUSTRALIA - QUEENSLAND - 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

763(T)/2010 AUSTRALIA - QUEENSLAND - Shute Harbour - Wreck

Maritime Safety Queensland Notice 568(T)/2010 (AA480151)

A wreck marked by a special light buoy, *Fl.Y.5s*, exists in position 20° 17'.76 S 148° 47'.24 E.

Chart temporarily affected - Aus 252 - Aus 253

1188(T)/2010 AUSTRALIA - QUEENSLAND - Io Reef - Light beacon destroyed; light buoy established

Former Notice - 382(T)/2010 is cancelled

Maritime Safety Queensland Notice 932(T)/2010 (AA500605)

The west cardinal light beacon (20° 41'.58 S 149° 07'.70 E) has been destroyed; a west cardinal light buoy, *Q(9)15s*, exists in situ.

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

1189(T)/2010 AUSTRALIA - QUEENSLAND - Whitsunday Group - Shaw Island - Platypus Rock - Light beacon destroyed; light buoy established

Former Notice - 511(T)/2010 is cancelled
Maritime Safety Queensland Notice 926(T)/2010 (AA500696)

The west cardinal light beacon (20° 31'.23 S 149° 02'.31 E) has been destroyed; a west cardinal light buoy, VQ(9)10s, exists in situ.

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

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

Former Notice - 329(T)/2009 is cancelled
Maritime Safety Queensland Notice 929(T)/2010 (AA500615)

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

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

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

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

The port lateral light beacon (20° 17'.45 S 148° 54'.71 E) has been destroyed; a port lateral light buoy, Fl.R.2·5s, exists in situ.

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

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 259 - Aus 828

1263(T)/2010 AUSTRALIA - QUEENSLAND - Yorkeys Knob - Wreck

Former Notice - 1196(T)/2010 is cancelled
Maritime Safety Queensland Notice 980(T)/2010 (AA503397)

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

Chart temporarily affected - Aus 830

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

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

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

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

Chart temporarily affected - Aus 254

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

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

Mariners are advised to navigate with caution in the area.

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 246

418(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Anchorage area
Former Notice - 315(T)/2011 is cancelled
Maritime Safety Queensland Notice 318(T)/2011 (AA526389)

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

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

Mooring buoys exist within the area.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 245

422(T)/2011 AUSTRALIA - QUEENSLAND - Whitsundays - Spitfire Rock - Light beacon destroyed
Former Notice - 1190(T)/2010 is cancelled
Maritime Safety Queensland Notice 930(T)/2010, 345(T)/2011 (AA500617, AA527139)

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

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

470(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island to Redcliffe Island - Scientific instruments
Date - Until 30 June 2013
Maritime Safety Queensland Notice 376(T)/2011 (AA531285)

Subsurface scientific instruments exist in positions:

23° 45'.91 S 151° 10'.93 E
23° 45'.81 S 151° 11'.11 E
23° 45'.33 S 151° 10'.48 E
23° 45'.23 S 151° 10'.66 E
23° 42'.44 S 151° 08'.84 E
23° 42'.34 S 151° 09'.05 E

23° 41'.39 S 151° 08'.20 E
23° 41'.29 S 151° 08'.41 E.

Chart temporarily affected - Aus 245 - Aus 819

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

Former Notice - 465(T)/2011 is cancelled

Date - Until 21 July 2011

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

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

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

Nav aids exist as follows:

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

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

Mariners should navigate with caution in the area.

Chart temporarily affected – Aus 236

653(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point - Harbour works

Former Notice - 521(T)/2011 is cancelled

Date - Until 31 July 2011

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

Harbour works are in progress at Barney Point Wharf. An exclusion zone exists in within an area bounded by the following positions:

23° 50'.13 S 151° 16'.00 E
23° 50'.10 S 151° 16'.21 E
23° 50'.18 S 151° 16'.45 E
23° 50'.23 S 151° 16'.29 E.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 244 – Aus 245

757(T)/2011 AUSTRALIA - QUEENSLAND - Laguna Quays - Lights unlit; light beacons damaged

Former Notice - 444(T)/2010 is cancelled

Maritime Safety Queensland Notice 686(T)/2011 (AA546594)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252

758(T)/2011 AUSTRALIA - QUEENSLAND - Laguna Quays - Shoaling

Former Notice - 1052(T)/2006 is cancelled

Maritime Safety Queensland Notice 685/2011 (AA546595)

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

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

Chart temporarily affected - Aus 252

759(T)/2011 AUSTRALIA - QUEENSLAND - Pioneer Rocks - Light beacon unlit

Former Notice - 474(T)/2011 is cancelled

Maritime Safety Queensland Notice 663(T)/2011 (AA545484)

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

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

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

Former Notice - 766(T)/2011 is cancelled

Maritime Safety Queensland Notice 702(T)/2011 (AA547518)

Available depths as at 29 July 2011:

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

* Indicates revised entry.

Chart temporarily affected – Aus 258

872(T)/2011 AUSTRALIA - QUEENSLAND - Bait Reef - Light beacon destroyed

Maritime Safety Queensland Notice 750(T)/2011 (AA549635)

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

Chart temporarily affected - Aus254 - Aus825

926(T)/2011 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Scientific instrument

Former Notice - 114(T)/2008 is cancelled

Date - Until 30 June 2013

Australian Institute of Marine Science (AA546309)

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

Chart temporarily affected - Aus 826 - Aus 827

1020(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Wynnum - Wreck; light buoy

Maritime Safety Queensland Notice 871/2011 (AA556300)

A wreck marked by a special light buoy, *Fl.Y.2.5s*, exists in position 27° 25'.90 S 153° 10'.73 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

1091(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Scientific instruments

Maritime Safety Queensland Notice 1018(T)/2011 (AA562002)

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

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

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

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

A wreck marked by a special light buoy, *Fl.Y.2.5s*, exists in position 16° 57'.51 S 145° 46'.26 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 264

1204(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Rich Rocks - Light buoy

Maritime Safety Queensland Notice 1078(T)/2011 (AA565735)

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

Chart temporarily affected - Aus 244 - Aus 245

1210(T)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Obstructions

Maritime Safety Queensland Notice 1123(T)/2011 (AA567586)

Underwater obstructions, marked by special buoys, exist in the following positions:

20° 15'.87 S 148° 42'.60 E
20° 15'.88 S 148° 42'.60 E
20° 15'.87 S 148° 42'.56 E.

Chart temporarily affected - Aus 268

1285(T)/2011 AUSTRALIA - QUEENSLAND - Cooktown - Light beacon destroyed

Maritime Safety Queensland Notice 1206(T)/2011 (AA570050)

No3 light beacon (15° 27'.32 S 145° 15'.20 E) has been destroyed; a special light buoy, *Fl. Y. 3s*, exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 270

56(T)/2012 AUSTRALIA - QUEENSLAND - Abbot Bay - Clark Shoal - Light beacon unlit

Date - Until 30 June 2013

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

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

Chart temporarily affected – Aus 255 – Aus 826

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

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

Available depths as at 2 January 2012:

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

* Indicates revised entry.

Chart temporarily affected – Aus 293 – Aus 299

240(T)/2012 AUSTRALIA - QUEENSLAND - Point Lookout - Scientific instruments northeastwards

Date - Until 30 September 2013

CSIRO (AA586284)

Subsurface scientific instruments, 20m below the surface, exist in positions 27° 19'.8 S 153° 46'.8 E and 27° 18'.6 S 153° 52'.2 E.

Chart temporarily affected - Aus 814

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

Former Notice - 155(T)/2012 is cancelled

Date - Until 31 December 2012

Maritime Safety Queensland Notices 1115(T)/2011, 1132(T)/2011, 57(T)/2012, 173/2012 (AA567581, AA567881, AA578641, AA586341)

Submarine pipelines, marked by unlit orange buoys and lit special buoys, exist between;

23° 46'.87 S 151° 10'.14 E
23° 46'.69 S 151° 10'.70 E
23° 46'.68 S 151° 11'.06 E
23° 46'.94 S 151° 11'.59 E
23° 47'.06 S 151° 11'.96 E

and
23° 47'.06 S 151° 11'.96 E
23° 46'.77 S 151° 11'.65 E
and
23° 46'.56 S 151° 10'.03 E
23° 46'.65 S 151° 10'.71 E
23° 46'.64 S 151° 10'.88 E
23° 46'.56 S 151° 11'.12 E
23° 46'.38 S 151° 11'.38 E
and
23° 46'.65 S 151° 10'.71 E
23° 46'.31 S 151° 10'.98 E
23° 46'.07 S 151° 11'.07 E
and
23° 46'.18 S 151° 09'.95 E
23° 45'.49 S 151° 10'.34 E
23° 45'.40 S 151° 10'.55 E
and
23° 48'.52 S 151° 12'.98 E
23° 49'.14 S 151° 12'.61 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245

302(T)/2012 AUSTRALIA - QUEENSLAND - Bluff Rock to Wreck Point - Scientific instruments

Maritime Safety Queensland Notice 223(T)/2012 (AA588180)

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

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

401(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Fishermans Landing - Harbour works

Date - Until 1 May 2012

Maritime Safety Queensland Notice 366(T)/2012 (AA594414)

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

The piling barge *Leonora* is onsite and has deployed anchors in the following positions:

23° 47'.28 S 151° 10'.74 E
23° 47'.40 S 151° 10'.62 E
23° 47'.28 S 151° 10'.68 E
23° 47'.34 S 151° 10'.62 E
23° 47'.34 S 151° 10'.74 E
23° 47'.40 S 151° 10'.68 E.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245

414(T)/2012 AUSTRALIA - QUEENSLAND - Karumba - Light beacon withdrawn

Former Notice - 123(T)/2012 is cancelled

Maritime Safety Queensland Notices 362(T)/2012 (AA594401)

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

Chart temporarily affected - Aus 6

460(T)/2012 AUSTRALIA - QUEENSLAND - Hook Island - Cockatoo Point - Light beacon destroyed

Maritime Safety Queensland Notice 393(T)/2012 (AA596297)

The light beacon, *Fl.R.2.5s* (20° 04'.71 S 148° 54'.05 E) has been destroyed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252 - Aus 254

600(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Shoaling

Maritime Safety Queensland Notice 609(T)/2012 (AA604629)

Shoaling with a least depth of 1.7m exists on the northern toeline adjacent to beacon No8 (27° 11'.62 S 153° 06'.18 E). A least depth of 2m exists between the entrance beacons (27° 10'.96 S 153° 06'.15 E) and the western boat ramp.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236

602(T)/2012 AUSTRALIA - QUEENSLAND - Curtis Channel - Wreck

Maritime Safety Queensland Notice 579(T)/2012 (AA603887)

A wreck exists in position 24° 08'.89 S 152° 12'.12 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 818

606(T)/2012 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoys

Former Notice - 406(T)/2012 is cancelled

Date - Until 15 November 2012

Australian Institute of Marine Science (AA603983, AA603998, AA603999), Maritime Safety Queensland Notice 606(T)/2012 (AA604440)

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

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

Chart temporarily affected – Aus 826 – Aus 827

645(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Rainbow Channel - Light beacon withdrawn

Maritime Safety Queensland Notice 655(T)/2012 (AA607798)

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

Chart temporarily affected - Aus 236

650(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Depth information

Former Notices - 819(T)/2011, 1027(T)/2011, 504(T)/2012 are cancelled

Maritime Safety Queensland Notices 633(T)/2012, 634(T)/2012, 635(T)/2012 (AA606614 - AA606616)

Available depths as at 20 June 2012:

	<i>Metres</i>	<i>Remarks</i>
* Entrance Channel	14.8	Between No 4 beacon and the northern end.
	15.0	Seaward of beacon No 4.
HPS Berth No 1	16.5	
HPS Berth No 2	16.7	
* DBCT Berth No 1	17.7	
* DBCT Berth No 2	18.1	
DBCT Berth No 3	18.1	
* DBCT Berth No 4	17.9	
* Tug Harbour entrance channel	5.1	Lesser depths exist close to the outer edges of the channel and around tug berths and piers.

* Indicates revised entry.

Lesser depth exist in an area south of Hay Point No 1 berth out to approximately 100m eastnortheast from the seaward edge of berth No 3 and leading southward to the southwest corner of the channel.

Chart temporarily affected - Aus 249 - Aus 250 - AX 00249S

694(T)/2012 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 1142(T)/2011 is cancelled

Maritime Safety Queensland Notice 705(T)/2012 (AA611629)

Available depths as at 4 July 2012:

	<i>Metres</i>
Centre line leads (255°)	3.6
Southern approach leads (291°)	3.8

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

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

Chart temporarily affected - Aus 230

702(T)/2012 AUSTRALIA - QUEENSLAND - Magnetic Island - Picnic Bay to Florence Bay - Scientific instruments

Date - Until 10 July 2013

Maritime Safety Queensland Notice 693(T)/2012 (AA610813)

Subsurface scientific instruments exist in the following positions:

19° 11'.15 S 146° 50'.30 E
19° 09'.26 S 146° 52'.16 E
19° 07'.28 S 146° 52'.95 E.

Chart temporarily affected - Aus 256 - Aus 827

705(T)/2012 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Wreck

Former Notice - 1284(T)/2011 is cancelled

Maritime Safety Queensland Notice 682(T)/2012 (AA610832)

A wreck marked by a special light buoy, *Fl. Y. 3s*, exists in position 16° 56'.84 S 145° 47'.07 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 263 - Aus 264

737(T)/2012 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 695(T)/2012 is cancelled

Maritime Safety Queensland Notice 706(T)/2012 (AA611628)

Shoaling, with a least depth of 2.3m, exists in the North Channel between 27° 55'.86 S 153° 25'.30 E and 27° 55'.66 S 153° 25'.09 E.

Shoaling, with a least depth of 3.5m, exists in the South Channel between 27° 56'.20 S 153° 25'.49 E and 27° 56'.39 S 153° 25'.26 E.

Deeper water to 3.9m is found to the west of the channels centre line.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 230

740(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Coochiemudlo Island - Light beacon

Maritime Safety Queensland Notice 768(T)/2012 (AA613763)

The special light beacon, *Fl. Y. 2.5s* (27° 34'.78 S 153° 20'.37 E), has been temporarily replaced by a special light buoy, *Fl. Y. 2.5s*, in situ.

Chart temporarily affected – Aus 236

743(T)/2012 AUSTRALIA - QUEENSLAND - Ethel Rocks - Wreck eastwards

Maritime Safety Queensland Notice 725(T)/2012 (AA612990)

A wreck exists in position 23° 58'.15 S 151° 39'.96 E.

Chart temporarily affected – Aus 246 – Aus 819

749(T)/2012 AUSTRALIA - QUEENSLAND - Taylor Point - Obstruction

Maritime Safety Queensland Notice 734(T)/2012 (AA612981)

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

Chart temporarily affected – Aus 830 – AX 6027S

751(T)/2012 AUSTRALIA - QUEENSLAND - Cooktown - Depth information

Former Notice - 412(T)/2012 is cancelled

Maritime Safety Queensland Notice 766(T)/2012 (AA613752)

Available depths as at 23 July 2012:

	<i>Metres</i>
Entrance Channel	1.5
* Inner Channel	2.3
* Public Wharf	2.0
Swing Basin	1.4

* Indicates revised entry.

Chart temporarily affected – Aus 270**801(T)/2012 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Light beacon destroyed**

Maritime Safety Queensland Notice 829(T)/2012 (AA616820)

The light beacon, *Fl.R.3s* (25° 31'.74 S 152° 56'.67 E), has been destroyed.

Chart temporarily affected – Aus 240 – Aus 241**858(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Shoaling**

Maritime Safety Queensland Notice 886(T)/2012 (AA620069)

Shoaling, with a least depth of *8.4m*, exists in position 21° 06'.36 S 149° 15'.05 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 250**859(T)/2012 AUSTRALIA - QUEENSLAND - Dent Island - Light beacon unlit; light buoy established**

Former Notice - 508(T)/2012 is cancelled

Maritime Safety Queensland Notice 869(T)/2012 (AA618556)

The light beacon, *Fl.G.2.5s* (20° 20'.33 S 148° 56'.17 E) is unlit; a starboard lateral light buoy, *Fl.G.2.5s*, exists in situ.

Chart temporarily affected - Aus 253 - Aus 254**860(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Harbour works**

Former Notice - 1034(T)/2011 is cancelled

Date - Until 31 August 2013

Maritime Safety Queensland Notices 946(T)/2011, 862(T)/2012 (AA559067, AA618449)

Barges *MB 2448* and *MB 2421* and support vessels *MT Fury* and split hopper dumb barges are conducting piling and dredging operations at berths 8 and 10 in areas bounded by the following:

<i>Position</i>	<i>Remarks</i>
19° 15'.04 S 146° 49'.96 E	
19° 15'.02 S 146° 49'.97 E	
19° 15'.03 S 146° 50'.00 E	
19° 15'.13 S 146° 49'.96 E	special light buoy, <i>Fl. Y.4s</i>
19° 15'.14 S 146° 49'.98 E	special light buoy, <i>Fl. Y.4s</i>
19° 15'.15 S 146° 50'.00 E, and	
19° 15'.15 S 146° 49'.85 E	
19° 15'.10 S 146° 49'.87 E	special light buoy, <i>Fl. Y.4s</i> .
19° 15'.07 S 146° 49'.88 E	special light buoy, <i>Fl. Y.4s</i> .
19° 15'.04 S 146° 49'.89 E	special light buoy, <i>Fl. Y.4s</i>
19° 15'.01 S 146° 49'.90 E	special light buoy, <i>Fl. Y.4s</i> .
19° 14'.98 S 146° 49'.91 E	special light buoy, <i>Fl. Y.4s</i> .
19° 14'.95 S 146° 49'.91 E	special light buoy, <i>Fl. Y.4s</i> .
19° 14'.94 S 146° 49'.88 E	special light buoy, <i>Fl. Y.4s</i> .
19° 14'.96 S 146° 49'.85 E	special light buoy, <i>Fl. Y.4s</i> .
19° 15'.01 S 146° 49'.84 E.	

Vessels will display appropriate lights and will monitor VHF Ch 12 and Ch 16.

During the works the berths are closed to shipping.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

862(T)/2012 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Nav aids

Former Notice - 204(T)/2012 is cancelled

Maritime Safety Queensland (AA616388)

The light beacon *Fl.R.2-5s* (18° 28'.26 S 146° 13'.01 E) has been destroyed and light buoy *Q.G* (18° 30'.19 S 146° 18'.73 E) is off station.

Chart temporarily affected - Aus 259 - Aus 267

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

Former Notice - 810(T)/2012 is cancelled

Maritime Safety Queensland Notice 860(T)/2012 (AA618388)

Available depths as of 14 August 2012:

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

* Indicates revised entry.

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

950(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys

Former Notice - 609(T)/2011 is cancelled

Maritime Safety Queensland Notice 945(T)/2012 (AA624547)

Special light buoys, *Fl.Y.2.5s* exists in positions 23° 49'.45 S 151° 14'.60 E and 23° 49'.59 S 151° 14'.81 E.

Chart temporarily affected - Aus 244 - Aus 245

951(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys; light beacons removed

Date - Until 31 March 2013

Maritime Safety Queensland Notice 988(T)/2012 (AA625733)

Light buoys exist in the following positions:

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

Chart temporarily affected - Aus 244 - Aus 245

1085(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Peel Island - Lazaret Gutter - Beacon destroyed

Maritime Safety Queensland Notice 1141(T)/2012 (AA632279)

The starboard beacon (27° 29'.18 S 153° 21'.06 E) has been destroyed.

Chart temporarily affected - Aus 236

1088(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Exclusion zone; light buoys

Former Notice - 999(T)/2012 is cancelled

Maritime Safety Queensland Notice 1001(T)/2012 (AA626309, AA632277)

An exclusion zone exists in an area bounded as follows:

<i>Position</i>	<i>Remarks</i>
21° 15'.86 S 149° 18'.78 E	
21° 15'.88 S 149° 18'.83 E	
21° 16'.16 S 149° 19'.02 E	special light buoy, <i>Fl. Y. 4s</i>
21° 16'.37 S 149° 18'.63 E	special light buoy, <i>Q. Y</i>
21° 16'.08 S 149° 18'.45 E	special light buoy, <i>Q. Y</i>
21° 16'.39 S 149° 17'.87 E	
21° 16'.24 S 149° 17'.54 E	
21° 15'.70 S 149° 18'.55 E	
21° 15'.53 S 149° 18'.47 E	
21° 15'.48 S 149° 18'.58 E.	

Chart temporarily affected - Aus 249 - Aus 250 - Aus 823

1090(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Depth information

Former Notice - 955(T)/2012 is cancelled

Maritime Safety Queensland Notice 1170(T)/2012 (AA633129)

Available depths as at 6 September 2012:

<i>Remarks</i>	<i>Metres</i>
* Entrance Channel	8.3
Swing Basin	8.5
Berth No 1	10.5
* Berth No 3	12.5
* Berth No 3 & 4 composite	12.3
* Berth No 4	10.4
* Berth No 5	12.0
* Indicates revised entry.	

Chart temporarily affected - Aus 250

1143(T)/2012 AUSTRALIA - QUEENSLAND - Cooktown - Light buoy off station

Maritime Safety Queensland Notice 1209(T)/2012 (AA636673)

No1 starboard lateral light buoy, *Fl. G. 2.5s* (15° 27'.21 S 145° 15'.34 E), is off station.

Chart temporarily affected - Aus 270

1205(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Bushy Islet - Scientific instrument

Former Notice - 417(T)/2011 is cancelled

Date - Until 15 June 2014

Maritime Safety Queensland (AA639719)

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

Chart temporarily affected – Aus 244 – Aus 245

1209(T)/2012 AUSTRALIA - QUEENSLAND - Whitsunday Island - Craig Point - Wreck

Maritime Safety Queensland Notice 1243(T)/2012 (AA639290)

A wreck marked by a special light buoy, *Q. Y*, exists in position 20° 18'.58 S 149° 02'.07 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 252 – Aus 253

1210(T)/2012 AUSTRALIA - QUEENSLAND - Magnetic Island - Scientific instrument

Former Notice - 1036(T)/2011 is cancelled

Date - Until 5 November 2013

Maritime Safety Queensland Notice 1192(T)/2012 (AA636987)

A scientific instrument marked by a special light buoy, *Fl.Y.3s*, exists in position 19° 09'.32 S 146° 52'.57 E.

Chart temporarily affected – Aus 256

1265(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly - Light beacon destroyed

Maritime Safety Queensland Notice 1301(T)/2012 (AA642817)

No3 light beacon, *Fl.G.4s* (27° 26'.87 S 153° 11'.93 E), has been destroyed; a starboard light buoy, *Q.G*, exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236

1270(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Fishermans Landing Wharves - Light buoy moved

Maritime Safety Queensland Notice 1289(T)/2012 (AA641783)

The TSB7 special light buoy (23° 47'.02 S 151° 10'.38 E) has been temporarily moved to 23° 47'.17 S 151° 10'.33 E.

Chart temporarily affected – Aus 244 – Aus 245

1274(T)/2012 AUSTRALIA - QUEENSLAND - Port Douglas - Depth information

Former Notice - 463(T)/2012 is cancelled

Maritime Safety Queensland Notice 1297(T)/2012 (AA642027)

Available depths as at 6 December 2012:

	<i>Metres</i>
* Outer Channel	1.4
Inner Channel	2.1
Boat ramp to marina	1.9

* Indicates revised entry.

Chart temporarily affected – Aus 270

53(T)/2013 AUSTRALIA - QUEENSLAND - Round Hill Head - Wreck

Maritime Safety Queensland Notices 1321(T)/2012, 1342(T)/2012 (AA643596, AA644831))

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 24° 10'.13 S 151° 52'.75 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 818

55(T)/2013 AUSTRALIA - QUEENSLAND - Schooner Rock - Light beacon destroyed; light buoy established

Former Notice - 459(T)/2012 is cancelled

Maritime Safety Queensland Notice 1322(T)/2012 (AA643792)

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

Chart temporarily affected – Aus 251 – Aus 824

104(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information

Former Notice - 1269(T)/2011 is cancelled

Maritime Safety Queensland Notice 32(T)/2012 (AA647220)

Available depths as at 15 January 2013:

	<i>Metres</i>
* Sea Reach	8.4
* Middle Reach	8.4
* Inner Reach	8.6
* Swing Basin	6.8
* Oil Berth	7.5
* BST Berth	10.0
* Deep draught departure channel	8.6

* Indicates revised entry.

Chart temporarily affected - Aus 242 - Aus 243

105(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Obstruction northeastwards

Maritime Safety Queensland Notice 23(T)/2013 (AA647424)

An obstruction exists in position 24° 37'.05 S 152° 37'.54 E. A 3700m radius exclusion zone exists around the obstruction.

Chart temporarily affected - Aus 243 - Aus 817 - Aus 818

107(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Scientific instrument

Date - Until 30 June 2013

Maritime Safety Queensland Notice 33(T)/2013 (AA647281)

A special light buoy, *Fl. Y. 3s*, exists in position 16° 54'.86 S 145° 47'.22 E.

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

143(T)/2013 AUSTRALIA - QUEENSLAND - Gold Coast - The Broadwater - Nav aids destroyed or off station

Maritime Safety Queensland Notice 88(T)/2013 (AA649225)

Nav aids in the Gold Coast Broadwater may be destroyed or off station and depths may not be consistent with charted information due to recent flooding.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

145(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Nav aids destroyed or off station; depths

Maritime Safety Queensland Notice 76(T)/2013 (AA649220)

Nav aids in Moreton Bay and the Brisbane River may be destroyed or off station due to recent flooding.

Depths may not be consistent with charted information.

Mariners are advised to navigate with caution in the area.

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

149(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Nav aids destroyed or off station; depths

Maritime Safety Queensland Notice 80(T)/2013 (AA649223)

Nav aids in Pumicestone Channel may be destroyed or off station due to recent flooding.

Depths may not be consistent with charted information.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

150(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Dredging operations

Date - Until 1 May 2013

Maritime Safety Queensland Notice 112(T)/2013 (AA650407)

The dredge *Nabis* is conducting dredging operations between positions 26° 49'.26 S 153° 07'.35 E and 26° 50'.53 S 153° 06'.99 E.

A floating pipeline exists from the dredge to the adjacent shore.

The dredge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

152(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Nav aids destroyed or off station; depths

Maritime Safety Queensland Notice 97(T)/2013 (AA649700)

Nav aids in the Burnett River may be destroyed or off station due to recent flooding.

The Port of Bundaberg is closed to all commercial shipping and is closed to all vessels during the hours of darkness.

Depths may not be consistent with charted information.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

153(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Facing Island - Light buoy off station

Maritime Safety Queensland Notice 89(T)/2013 (AA649241)

The special light buoy, Q.Y (23° 50'.00 S 151° 25'.71 E), is off station.

Chart temporarily affected - Aus 819

158(T)/2013 AUSTRALIA - QUEENSLAND - Mackay - Light beacon destroyed

Former Notice - 857(T)/2012 is cancelled

Maritime Safety Queensland Notice 75(T)/2013 (AA649210)

The port lateral light beacon, *Fl.R.2-5s* (21° 09'.00 S 149° 13'.18 E), has been destroyed.

Chart temporarily affected - Aus 249 - AX 00249S

161(T)/2013 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Light buoy off station

Maritime Safety Queensland Notice 119(T)/2013 (AA650921)

No16 port lateral light buoy, Q.R (18° 28'.88 S 146° 13'.41 E), is off station.

Chart temporarily affected - Aus 259

167(T)/2013 AUSTRALIA - QUEENSLAND - Weipa - Depth information

Former Notice - 1002(T)/2012 is cancelled

Maritime Safety Queensland Notice 100(T)/2013 (AA649386)

Available depths as at 1 February 2013:

	<i>Metres</i>
* Weipa Approaches	11.5
* South Channel	11.5
Departure Channel	11.3
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 revised entry	

Chart temporarily affected - Aus 4

203(T)/2013 AUSTRALIA - QUEENSLAND - Hervey Bay - Big Woody Island - Light beacon destroyed

Maritime Safety Queensland Notice 164(T)/2013 (AA653342)

The port lateral light beacon, Q.R (25° 16'.03 S 152° 55'.67 E), has been destroyed; an unlit buoy exists in situ.

Chart temporarily affected - Aus 241 - Aus 817

204(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Depth information

Former Notice - 348(T)/2012 is cancelled

Maritime Safety Queensland Notice 142(T)/2013 (AA653496)

Available depths as at 12 February 2013:

	<i>Metres</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	10.6
* Targinie Channel	10.5
Targinie Swing Basin East	10.6
* 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	10.6
* Auckland Point No 2 Wharf	10.6
* 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	10.9
* Fishermans Landing Wharf No 5	10.9
* Indicates revised entry.	

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

205(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations

Former Notice - 1049(T)/2012 is cancelled

Date - Until 30 May 2013

Maritime Safety Queensland Notices 122(T)/2013, 123(T)/2013 (AA653160, AA653161)

The dredge *Rotterdam* and vessel *Lydia* are conducting dredging operations between positions 23° 50'.0 S 151° 16'.0 E and 23° 45'.0 S 151° 10'.0 E.

The dredge will display appropriate lights and shapes and monitor VHF Ch 13, 15 and 16.

A 50m exclusion zone exists around the dredge.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245

206(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Wiggins Islands - Exclusion zone

Former Notice - 1138(T)/2012 is cancelled

Date - Until 31 January 2014

Maritime Safety Queensland Notice 177(T)/2013 (AA654021)

An exclusion zone marked by special light buoys, *Fl. Y.2-5s*, exists in an area bounded by the following positions:

23° 49'.27 S 151° 12'.49 E
23° 49'.10 S 151° 12'.56 E
23° 48'.85 S 151° 12'.66 E
23° 48'.59 S 151° 12'.76 E
23° 48'.23 S 151° 12'.89 E
23° 48'.41 S 151° 13'.45 E
23° 48'.80 S 151° 13'.40 E
23° 48'.89 S 151° 13'.25 E
23° 49'.14 S 151° 12'.93 E
23° 49'.21 S 151° 12'.87 E
23° 49'.27 S 151° 12'.83 E.

Chart temporarily affected - Aus 245

207(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Calliope River - Light buoys

Former Notice - 54(T)/2013 is cancelled

Maritime Safety Queensland Notice 178(T)/2013 (AA654022)

Light buoys exist as follows:

<i>Number</i>	<i>Position</i>	<i>Characteristic</i>
CR1	23° 48'.66 S 151° 13'.79 E	<i>Fl.G.2.5s</i>
CR2	23° 48'.70 S 151° 13'.89 E	<i>Fl.R.2.5s</i>
CR3	23° 48'.87 S 151° 13'.74 E	<i>Fl.G.2.5s</i>
CR4	23° 48'.84 S 151° 13'.82 E	<i>Fl.R.2.5s</i>
CR5	23° 48'.95 S 151° 13'.67 E	<i>Fl.G.2.5s</i>
CR6	23° 49'.29 S 151° 13'.25 E	<i>Fl.R.2.5s</i>
CR7	23° 49'.09 S 151° 13'.39 E	<i>Fl.G.2.5s</i>
CR9	23° 49'.19 S 151° 13'.22 E	<i>Fl.G.2.5s</i>
CR11	23° 49'.26 S 151° 13'.11 E	<i>Fl.Y.2.5s</i>
CR13	23° 49'.36 S 151° 13'.04 E	<i>Fl.Y.2.5s.</i>

Chart temporarily affected - Aus 244 - Aus 245

208(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - South Passage Island to North Passage Island – Dredging operations

Date - Until 21 March 2013

Maritime Safety Queensland Notice 124(T)/2013 (AA653735)

The dredge *Al Mahaar* and support vessels *MV Troll* and *MV Voe Jarl* are conducting dredging operations between positions 23° 47'.5 S 151° 12'.4 E and 23° 45'.0 S 151° 10'.3 E.

Vessels will monitor VHF Ch 13 and Ch 15.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245

209(T)/2013 AUSTRALIA - QUEENSLAND - Keppel Bay - Sea Hill Point - Light buoy

Date - Until 18 April 2013

Maritime Safety Queensland Notice 137(T)/2013 (AA653495)

A starboard lateral light buoy, Q.G, exists in position 23° 28'.40 S 150° 57'.23 E.

Chart temporarily affected - Aus 247 - Aus 265 - Aus 819

210(T)/2013 AUSTRALIA - QUEENSLAND - Port Alma - Depth information

Former Notice - 209(T)/2011 is cancelled

Maritime Safety Queensland Notice 143(T)/2013 (AA653498)

Available depths as at 12 February 2013:

<i>Berth</i>	<i>Metres</i>
* Balaclava Leads	7.5
Kazatch Leads	7.0
* Eupatoria Leads	7.7
* Shell Point Leads	6.8
* Swing Basin	5.6
* Berth No 1	9.0
* Berth No 2	9.0
* Berth No 3	9.0

* Indicates revised entry.

Chart temporarily affected - Aus 265

211(T)/2013 AUSTRALIA - QUEENSLAND - Fitzroy River - Wreck

Maritime Safety Queensland Notice 166(T)/2013 (AA653574)

A stranded wreck exists in position 23° 25'.58 S 150° 35'.60 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 819

213(T)/2013 AUSTRALIA - QUEENSLAND - Whitehaven Bay - Light beacon destroyed

Former Notice - 159(T)/2013 is cancelled

Maritime Safety Queensland Notice 169(T)/2013 (AA653550)

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

Chart temporarily affected - Aus 252 - Aus 253

214(T)/2013 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instruments

Date - Until 30 November 2013

Maritime Safety Queensland Notice 176(T)/2013 (AA653795)

Special light buoys, *Fl. Y.4s*, exist in the following positions:

19° 54'.26 S 148° 08'.54 E
19° 52'.21 S 148° 06'.25 E
19° 48'.38 S 148° 01'.13 E
19° 50'.59 S 148° 00'.42 E
19° 53'.51 S 148° 00'.37 E
19° 51'.11 S 147° 57'.29 E
19° 49'.11 S 147° 54'.35 E.

Chart temporarily affected - Aus 255 - Aus 826

215(T)/2013 AUSTRALIA - QUEENSLAND - Oyster Point - Shoaling; obstructions

Maritime Safety Queensland Notice 151(T)/2013 (AA652929)

Shoaling and obstructions exist in Port Hinchinbrook Marina (18° 16'.71 S 146° 02'.70 E) and Grande Canal (18° 16'.88 S 146° 02'.80 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 258

216(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Scientific instruments

Date - Until 30 June 2013

Maritime Safety Queensland Notices 131(T)/2013, 181(T)/2013 (AA653501, AA654025)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
16° 46'.84 S 145° 48'.60 E	subsurface
16° 48'.58 S 145° 48'.32 E	subsurface
16° 51'.28 S 145° 49'.04 E	special light buoy, Q.Y
16° 52'.15 S 145° 48'.53 E	unlit buoy.

Chart temporarily affected - Aus 262 - Aus 830 - AX 63262 - AX A0830T

262(T)/2013 AUSTRALIA - QUEENSLAND - Burnett River - Wreck

Maritime Safety Queensland Notice 204(T)/2013 (AA655691)

A wreck exists in position 24° 49'.17 S 152° 22'.16 E.

A special light buoy, *Fl. Y.2.5s*, exists in position 24° 49'.17 S 152° 22'.16 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

264(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Friend Point to Laird Point - Anchoring prohibited; pipeline

Date - Until 31 March 2013

Maritime Safety Queensland Notice 206(T)/2013 (AA655688)

Anchoring is prohibited in an area bounded by the following positions:

23° 45'.04 S 151° 09'.39 E
23° 44'.98 S 151° 10'.62 E
23° 45'.08 S 151° 10'.71 E
23° 45'.15 S 151° 09'.27 E.

A pipeline exists between Friend Point and Laird Point.

Chart temporarily affected - Aus 245

302(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Garnet Rock - Light beacon destroyed; light buoy established

Former Notice - 148(T)/2013 is cancelled

Maritime Safety Queensland Notice 238(T)/2013 (AA685522), Maritime Safety Queensland Notice 240(T)/2013 (AA658521)

The starboard light beacon, *Fl.G.6s* (27° 14'.50 S 153° 07'.40 E) has been destroyed. A starboard lateral light buoy, *Fl.G.3s*, exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

304(T)/2013 AUSTRALIA - QUEENSLAND - Gneering Shoals - Buoy off station Northwards

Maritime Safety Queensland Notice 230(T)/2013 (AA657910)

The north cardinal light buoy (26° 36'.64 S 153° 10'.11 E) is off station.

Chart temporarily affected - Aus 815

307(T)/2013 AUSTRALIA - QUEENSLAND - Fitzroy Island - Light buoy off station

Maritime Safety Queensland Notice 237(T)/2013 (AA658517)

The light buoy, *Fl.G.2.5s*, (16° 55'.83 S 145° 59'.15 E) is off station.

Chart temporarily affected - Aus 830

308(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Light buoys

Maritime Safety Queensland Notice 235(T)/2013 (AA658519)

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

16° 56'.35 S 145° 46'.79 E

16° 56'.33 S 145° 46'.82 E

16° 56'.31 S 145° 46'.79 E.

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

341(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Light beacon destroyed

Maritime Safety Queensland Notice 285(T)/2013 (AA664979)

No6 light beacon, *Fl.R.4s* (27° 19'.22 S 153° 12'.23 E), has been destroyed; a special light buoy, *Fl.Y.2.5s*, exists in situ.

Chart temporarily affected - Aus 237

342(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Dredging operations

Former Notice - 201(T)/2013 is cancelled

Date - Until 28 February 2014

Maritime Safety Queensland Notice 243(T)/2013 (AA662217)

The dredge *Ken Harvey* and support vessels MT *Sealion* and MT *Turtle* and two spoil barges are conducting dredging operations in the vicinity of 27° 11'.42 S 153° 05'.61 E.

Two lit orange mooring buoys exist in positions 27° 11'.03 S 153° 05'.39 E and 27° 11'.03 S 153° 05'.45 E.

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

The dredge will be moored in the channel and vessels transiting the channel will be required to contact the dredger on VHF Ch 12 or mobile 0408 197 705 to request side mooring wires be lowered.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

343(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations

Former Notice - 303(T)/2013 is cancelled

Maritime Safety Queensland Notice 281(T)/2013 (AA664988)

Shoaling with a least depth of 2.4m exists within the main channel to Mooloolah River.

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

Mariners are advised to keep at least 30m clear from the seaward end of the eastern breakwater due to obstructions and to navigate with caution in the area.

Chart temporarily affected - Aus 235

344(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Hamilton Point to North Passage Island - Scientific instruments

Date - Until 20 May 2013

Maritime Safety Queensland Notice 251(T)/2013 (AA662943)

Subsurface scientific instruments exist in positions 23° 47'.97 S 151° 12'.81 E and 23° 46'.27 S 151° 11'.19 E.

Chart temporarily affected - Aus 245

397(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Date - Until 1 June 2013

Maritime Safety Queensland Notice 265(T)/2013 (AA664123)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 29 April to 31 May 2013.

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

22° 30'.73 S	150° 26'.34 E
22° 30'.20 S	150° 33'.89 E
22° 38'.18 S	150° 43'.15 E
22° 40'.00 S	150° 38'.00 E
22° 35'.87 S	150° 28'.80 E
22° 30'.73 S	150° 26'.34 E.

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

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

Chart temporarily affected - Aus 248 - Aus 367 - Aus 820 - AX 00367S - AX 00820S

399(T)/2013 AUSTRALIA - QUEENSLAND - Shute Harbour - Rooper Inlet - Light buoy off station

Maritime Safety Queensland Notice 316(T)/2013 (AA667367)

No3 starboard lateral light buoy, *Fl.G.2.5s* (20° 18'.11 S 148° 47'.21 E), is off station.

Chart temporarily affected - Aus 253

400(T)/2013 AUSTRALIA - QUEENSLAND - Daydream Island - Lights unlit

Former Notice - 305(T)/2013 is cancelled

Maritime Safety Queensland Notice 317(T)/2013 (AA667369)

The leading lights, *2F.Bu.5M (F Day)* (20° 15'.09 S 148° 48'.92 E), are unlit.

Chart temporarily affected - Aus 252 - Aus 253

401(T)/2013 AUSTRALIA - QUEENSLAND - Upstart Bay - Light buoy off station

Maritime Safety Queensland Notice 297(T)/2013 (AA666335)

The light buoy, *Fl.R.2.5s*, (19° 49'.44 S 147° 42'.33 E) is off station.

Chart temporarily affected - Aus 826

402(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Depth information

Former Notice - 348(T)/2013 is cancelled

Maritime Safety Queensland Notices 303(T)/2013 (AA666669)

Available depths as at 12 April 2013:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.8	Less depth at southern end
Platypus Channel	12.0	

<i>Outer Harbour:</i>		
Arrival Channel	6.7	
Departure Channel	10.8	
<i>Inner Harbour:</i>		
Harbour	11.9	
<i>Berths:</i>		
* No 1	12.1	
* No 2	12.5	
* No 3	12.0	
No 4	10.5	
No 7	10.6	
Between No 7 and No 8	10.6	Seaward of 0 mark at No 7
No 8	-	Works in progress
No 9	11.6	
Between No 9 and No 10	10.0	Seaward of 0 mark at No 10
No 10	-	Works in progress
No 11	10.8	
* Ross River Channel		1.8
Ross River	-	No declared depth
Ross Creek	1.9	From Reef HQ to swing basin

* Indicates revised entry.

Chart temporarily affected - Aus 256 - Aus 257

404(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Depth information

Former Notice - 864(T)/2012 is cancelled

Maritime Safety Queensland Notice 304(T)/2013 (AA666666)

Available depths as of 12 April 2013:

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

* Indicates revised entry.

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

458(T)/2013 AUSTRALIA - QUEENSLAND - Gold Coast - Nerang River - Harbour works

Date - Until 30 June 2014

Maritime Safety Queensland Notice 327(T)/2013 (AA668391)

Construction works on the Gold Coast bridge are in progress.

The *F.Bu* lights in positions 27° 58'.62 S 153° 25'.27 E and 27° 58'.61 S 153° 25'.28 E are unlit.

Lateral light buoys will be positioned to guide vessels through the construction zone and beneath the relevant bridge navigation span as required.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

460(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Light buoy repositioned

Former Notice - 259(T)/2013 is cancelled

Date - Until 24 May 2013

Maritime Safety Queensland Notice 322(T)/2013 (AA668447)

NE2 port lateral light buoy, *Fl.R.2-5s* (26° 57'.46 S 153° 20'.51 E), has been repositioned to 26° 57'.60 S 153° 20'.33 E.

Chart temporarily affected - Aus 235 - Aus 814 - Aus 815

461(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer

Date - Until 30 June 2013

Maritime Safety Queensland Notice 321(T)/2013 (AA668451)

Ship to ship transfer of LPG will be conducted at STS1 anchorage (27° 17'.25 S 153° 16'.56 E). An exclusion zone (1850 metres radius) exists around transfer operations.

Chart temporarily affected - Aus 236

463(T)/2013 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Wreck

Maritime Safety Queensland Notice 348(T)/2013 (AA669341)

A wreck exists in position 25° 32'.04 S 152° 55'.49 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 240 - Aus 241

464(T)/2013 AUSTRALIA - QUEENSLAND - Keppel Bay - Scientific instrument

Date - Until 5 June 2013

Maritime Safety Queensland Notice 341(T)/2013 (AA668942)

A subsurface scientific instrument marked by 3 white poly floats exists in position 23° 27'.18 S 150° 55'.02 E.

Chart temporarily affected - Aus 247 - Aus 265 - Aus 819

465(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Triangular Island - Live firing

Date - Until 27 May 2013

Maritime Safety Queensland Notice 267(T)/2013 (AA664124)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 11 to 26 May 2013.

A marine danger area extends to all waters within a 3M radius of position 22° 23'.0 S 150° 30'.3 E.

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

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

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

467(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations

Former Notice - 347(T)/2013 is cancelled

Date - Until 30 June 2013

Maritime Safety Queensland Notice 335(T)/2013 (AA668921)

Diving operations are in progress in the vicinity position 21° 15'.88 S 149° 18'.77 E.

MV *Shadows* is onsite and will display appropriate lights and shapes and will monitor VHF Ch 14 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 249 - Aus 250 - AX 00249S

510(T)/2013 AUSTRALIA - QUEENSLAND - The Broadwater - South Channel - Dredging operations

Former Notice - 199(T)/2013 is cancelled

Date - Until 12 July 2013

Maritime Safety Queensland Notice 380(T)/2013 (AA672047)

The dredge *Dogo* and support vessels are conducting dredging operations between light beacons GS4 (27° 56'.20 S 153° 25'.49 E) and SC2 (27° 56'.40 S 153° 25'.26 E).

A floating pipeline exists in the channel and temporary nav aids will be established to guide vessels around the area.

The dredge will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

511(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information

Former Notice - 459(T)/2013 is cancelled

Brisbane Port Corporation (AA671625)

Available depths and under keel clearances (UKC) at 10 May 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No12	14.0	
Fisherman Islands No11	13.4	
Fisherman Islands No10	13.3	
Fisherman Islands No9	13.3	
Fisherman Islands No8	13.1	
* Fisherman Islands No7	13.3	
Fisherman Islands No6	13.7	
Fisherman Islands No5	13.3	
Fisherman Islands No4	13.3	
* Fisherman Islands No3	12.9	
Fisherman Islands No2	13.0	
Fisherman Islands No1	13.0	
Fisherman Islands Grain and Woodchip	12.2	
Caltex Fisherman Islands	14.4	
Fisherman Islands Coal	13.6	
Fisherman Islands General Purpose	10.7	
* BP Luggage Point	14.1	
* Caltex Products	10.1	
* Cement Australia Co Wharf	9.8	
* BP Products	10.5	
* Shell	10.5	
* Pacific Terminals	10.5	
* Incitec North	8.9	
* Incitec South	8.8	
* Pinkenba 1	10.4	
* Pinkenba 2	10.4	
Riverside Marina	-	
Sugar Terminal	9.9	
Cairncross Fitting Out Wharf	7.4	
Cairncross Breasting Wharf	5.5	
Brisbane Naval Wharf	4.3	
* Maritime No1	8.5	
* Hamilton No4	9.6	
Hamilton No1	8.6	
Brisbane Cruise Ship Terminal	8.6	
	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay:</i>		
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width) Shoaling least depth, 14.6m, exists in position 27° 02'.39 S 153° 15'.66 E.
East Knoll Bypass Channel	6.0	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5
<i>Brisbane River:</i>		
Outer Bar Cutting	13.9	1.46
Inner Bar Cutting	13.5	1.46
Fisherman Islands Swing Basin	13.6	1.3
* River	8.7	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
* Pinkenba Swing Basin	8.7	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	8.4	0.6 / 0.9 (draft/tide)
* Indicates new or revised entry.		

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

512(T)/2013 AUSTRALIA - QUEENSLAND - North Keppel Island - Wreck
Maritime Safety Queensland Notice 379(T)/2013 (AA671710)

A wreck marked by a special buoy exists in position 23° 03'.80 S 150° 53'.24 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 820 - AX 00820S

513(T)/2013 AUSTRALIA - QUEENSLAND - Singleton Rock to Reeves Shoal - AIS trial

Date - Until 15 August 2013

Australian Maritime Safety Authority Final ATH 10/2013, 11/2013, 12/2013 (AA668138, AA668136, AA668137)

Virtual AIS units exist as follows:

<i>MMSI</i>	<i>Position</i>	<i>Remarks</i>
995036057	10° 31'.62 S 142° 26'.80 E	South cardinal mark
995036058	11° 25'.35 S 142° 56'.25 E	Isolated danger mark
995036059	14° 09'.70 S 144° 37'.80 E	Isolated danger mark

Chart temporarily affected - Aus 270 - Aus 292 - Aus 293 - Aus 833 - Aus 835 - Aus 839 - Aus 841

517(T)/2013 AUSTRALIA - QUEENSLAND - Karumba - Depth information

Former Notice - 756(T)/2012 is cancelled

Maritime Safety Queensland Notices 373(T)/2013, 374(T)/2013 (AA671723, AA671724)

Available depths as at 9 May 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Entrance Channel	3.2	Shoaling exists on the northern side of the channel in the vicinity of position 17° 26'.64 S 140° 45'.32 E. Mariners are advised to navigate south of the centreline of the channel.
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

NORTHERN TERRITORY

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

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

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

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

758(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Dredging operations

Date - **Until 6 April 2013**

Darwin Port Corporation Notices 75(T)/2012, 77(T)/2012 (AA614132, AA614138)

The dredge *Eastern Aurora* is conducting dredging operations in the vicinity of position 12° 29'.64 S 130° 53'.38 E.

A pipeline exists from the dredge to the shoreline (12° 29'.39 S 130° 53'.48 E) and will be marked by buoys and lights, Q.Y.

A special light buoy, Q.Y, exists in position 12° 30'.23 S 130° 52'.72 E.

Mariners are advised to navigate with caution in the area.

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

814(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Light buoy withdrawn

Darwin Port Corporation Notice 83(T)/2012 (AA616039)

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

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

870(T)/2012 INDIAN OCEAN - Sumatera - Scientific instruments westwards

Former Notice - 817(T)/2012 is cancelled

JAMSTEC (AA620015, AA620016)

Scientific instruments, Triton buoys, exist as follows:

<i>Number</i>	<i>Position</i>
17	4° 56'.93 S 94° 58'.51 E
18	1° 39'.34 S 89° 59'.74 E
19	7° 59'.97 S 95° 02'.39 E
20	4° 57'.55 S 97° 17'.13 E.

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

910(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Cossack Creek - Obstruction

Darwin Port Corporation Notice 103/2012 (AA622006)

An obstruction exists in position 12° 31'.37 S 130 54'.08 E.

Chart temporarily affected – Aus 28

1003(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Lee Point to Fannie Bay - Obstructions

Date - Until 30 September 2013

Darwin Port Corporation Notice 120(T)/2012 (AA627292)

Obstructions exist in positions 12° 21'.69 S 130° 51'.23 E and 12° 25'.88 S 130° 49'.84 E.

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

1004(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Depth information

Former Notice - 62(T)/2012 is cancelled

Darwin Port Corporation (AA627294)

Available depths as at 26 September 2012:

<i>Berths</i>	<i>Metres</i>
* LNG 1-2	10.1

DLNG	13.1 (11.7 in Turning Basin)
* East Arm 0-100m	11.3
* East Arm 100-200m	12.2
* East Arm 200-300m	12.6
* East Arm 300-400m	12.6
* East Arm 400-500m	12.5
* East Arm 500-600m	13.3
East Arm 600-700m	11.8
Bulk Solids Wharf	12.4
Bulk Liquids Wharf	11.4
No 2 Fort Hill East	10.6
No 2 Fort Hill West	10.2
No 3 Stokes Hill East	4.7
No 3 Stokes Hill West	4.9
No 4 Stokes Hill East	1.7
No 4 Stokes Hill Middle	0.8
No 4 Stokes Hill West	3.2
Fishermans Wharf East	2.1
Fishermans Wharf West	0.7
Perkins International	-0.7
Perkins Domestic North	-0.9
Perkins Domestic South	-1.7
Frances Bay Marina approach channel	-0.9

* Indicates new or revised entry.

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

1096(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Pontoon

Date - Until 4 December 2012

Darwin Port Corporation Notice 146(T)/2012 (AA633169)

A pontoon with a tide gauge exists in position 12° 30'.29 S 130° 55'.18 E.

Anchors will be marked by lights.

Mariners are advised to navigate with caution in the area.

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

1146(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Fenton Patches - Scientific instruments

Former Notice - 960(T)/2012 is cancelled

Date - Until 31 August 2014

Darwin Port Corporation Notice 158(T)/2012 (AA636819)

Special light buoys, *Fl. Y.3-5s*, exist in positions 12° 15'.17 S 130° 46'.39 E and 12° 14'.10 S 130° 50'.38 E.

Chart temporarily affected - Aus 309 - Aus 722 - AX 72309 - AX 72722 - AX 00309U

1148(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Scientific instruments

Former Notice - 961(T)/2012 is cancelled

Date - Until 31 August 2014

Darwin Port Corporation Notice 159(T)/2012 (AA637096)

Special light buoys, *Fl. Y.3-5s*, exist in positions 12° 30'.40 S 130° 53'.16 E and 12° 31'.47 S 130° 56'.13 E.

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

59(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Apsley Strait - Light buoys off station

Former Notice - 324(T)/2011 is cancelled

NT Government, Hydrographic & Cadastral Survey Pty Ltd (AA643605 - AA643606)

The following nav aids are off station:

11° 51'.65 S 130° 35'.07 E	starboard lateral light buoy, <i>Fl.G.5s</i>
11° 49'.87 S 130° 36'.69 E	starboard lateral light buoy, <i>Fl.G.5s</i>
11° 48'.90 S 130° 38'.08 E	starboard lateral light buoy, <i>Fl.G.5s</i>
11° 48'.00 S 130° 39'.06 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 46'.35 S 130° 39'.99 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 46'.01 S 130° 39'.88 E	port lateral light buoy, <i>Fl.R.5s</i>
11° 44'.22 S 130° 37'.69 E	port lateral light buoy, <i>Fl.R.5s</i>

11° 43'.85 S 130° 36'.08 E starboard lateral light buoy, *Fl.G.5s*
11° 25'.28 S 130° 24'.47 E special buoy
11° 25'.00 S 130° 24'.00 E special buoy
11° 24'.80 S 130° 23'.70 E special buoy
11° 17'.05 S 130° 17'.89 E starboard lateral light buoy, *Fl.G.5s*.

Chart temporarily affected – Aus 22 – Aus 23 – Aus 309 – Aus 722 – AX 00309T – AX 00309U – AX 00722T

108(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Bing Bong - Dredging operations

Date - Until 30 April 2013

Hall Contracting Pty Ltd (AA647398)

The dredge *Warraber* and support vessel *Bula* are conducting dredging operations in the harbour and entrance channel (15° 37'.65 S 136° 23'.35 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 13

410(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Channel Island to Preston Point - Scientific instruments

Former Notice - 1095(T)/2012 is cancelled

Darwin Port Corporation (AA667317)

Light buoys, *Fl.Y.3s*, exist in the following positions:

12° 32'.88 S 130° 50'.75 E
12° 29'.84 S 130° 52'.42 E
12° 30'.63 S 130° 54'.00 E.

Chart temporarily affected - Aus 26 - Aus 27 - Aus 28 - AX 00026T

476(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Blaydin Point - Harbour works

Former Notice - 352(T)/2013 is cancelled

Darwin Port Corporation Notice 67(T)/2013 (AA669398)

Works associated with the construction of the module offloading facility are in progress in an area bounded by the following positions:

12° 30'.57 S 130° 55'.28 E
12° 30'.29 S 130° 55'.63 E
12° 30'.62 S 130° 55'.90 E
12° 31'.02 S 130° 55'.99 E
12° 31'.13 S 130° 55'.74 E.

An exclusion zone exists within the area of the works.

The causeway is marked at the extremities by *Q.Y* lights. A silt curtain marked by *Q.Y* lights exists around the causeway.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 26 - Aus 28 - AX 00026T

518(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Middle Ground - Obstruction

Darwin Port Corporation Notice 75(T)/2013 (AA670992)

An obstruction exists within a 50m radius of position 12° 23'.75 S 130° 46'.43 E.

Mariners are advised not to anchor within the area.

Chart temporarily affected - Aus 26 - AX 00026T

519(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - West Point to Elizabeth River - Light buoys

Former Notice - 409(T)/2013 is cancelled

Date - Until 30 November 2014

Darwin Port Corporation Notice 79(T)/2013 (AA671776)

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

12° 26'.12 S 130° 46'.20 E
12° 29'.25 S 130° 48'.00 E
12° 29'.48 S 130° 48'.16 E
12° 32'.88 S 130° 50'.75 E

12° 29'.82 S 130° 52'.41 E
12° 33'.05 S 130° 52'.41 E
12° 30'.67 S 130° 54'.07 E.

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

12° 29'.27 S 130° 51'.42 E
12° 29'.78 S 130° 52'.08 E
12° 29'.74 S 130° 53'.10 E.

Chart temporarily affected - Aus 24 - Aus 26 - Aus 27 - Aus 28 - AX 00026T

WESTERN AUSTRALIA

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

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

Former Notice - 461(T)/2010 is cancelled

Department of Transport WA (AA465142)

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

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

Mariners are not to use these buoys as moorings.

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

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

Former Notice - 523(T)/2004 is cancelled

MetOcean Engineers (AA472066)

Scientific instruments exist as follows:

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

Chart temporarily affected - Aus 327

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

Former Notice - 1080(T)/2009 is cancelled

Port Hedland Port Authority Notice 5/2010 (AA477996)

Available depths as at 31 March 2010:

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

Chart temporarily affected - Aus 52 - Aus 54

278(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Comet Bay - Scientific instrument

Date - Until 31 August 2012

CSIRO (AA520991, AA520995)

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

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

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

Former Notice - 577(T)/2011 is cancelled

Date - Until 30 November 2011

MetOcean Engineers, UKHO (AA536573, AA539590)

Scientific instruments exist as follows:

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

Chart temporarily affected – Aus 327 – Aus 328

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

Former Notice - 718(T)/2011 is cancelled

Date - Until 10 December 2011

Department of Transport WA Notice 93/2011 (AA546427)

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

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

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

Mariners are advised to navigate with caution in the area.

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

941(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Scientific instruments westwards

Former Notice - 574(T)/2011 is cancelled

Date - Until 31 May 2012

MetOcean Engineers (AA552557)

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

Chart temporarily affected - Aus 327 - Aus 741

127(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Obstructions

Former Notice - 911(T)/2009 is cancelled

Dampier Port Authority Notice 1/2012 (AA578115)

Obstructions marked by special light buoys, Q, exist in the following positions:

20° 31'.47 S 116° 45'.16 E
20° 31'.96 S 116° 44'.57 E
20° 32'.49 S 116° 44'.51 E
20° 32'.79 S 116° 44'.51 E.

Chart temporarily affected – Aus 57 – Aus 58

260(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline

Former Notice - 209(T)/2012 is cancelled

Date - Until 30 June 2013

Australian Maritime Safety Authority (AA584979), Chevron Australia Pty Ltd (AA585081, AA585082, AA587422)

SPV *Lorelay* and support vessels *Highland Navigator* and *Calamity Jane* are conducting pipe laying operations between the following positions:

20° 41'.45 S 115° 24'.94 E
20° 33'.59 S 115° 05'.86 E
20° 08'.98 S 114° 49'.43 E
20° 02'.34 S 114° 46'.95 E
19° 54'.34 S 114° 39'.60 E
19° 48'.54 S 114° 36'.47 E
and
19° 49'.54 S 114° 34'.21 E
19° 47'.45 S 114° 38'.63 E

and
20° 34'.92 S 115° 08'.99 E
20° 33'.97 S 115° 04'.62 E
20° 29'.25 S 114° 53'.86 E
20° 24'.56 S 114° 50'.87 E
20° 31'.33 S 114° 49'.35 E
20° 29'.25 S 114° 53'.86 E.

Mariners are advised to navigate with caution in the area.

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

418(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Depth information

Former Notice - 337(T)/2010 is cancelled

Esperance Ports Sea and Land Notice 3/2012 (AA593980)

Available depths as of 11 April 2012:

<i>Location</i>	<i>Metres</i>
* Berth No 1	13.0
* Berth No 2	13.0
* Berth No 3	17.6
Swing Basin	12.9/14.5
Entrance Channel	18.5

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 119

474(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Koombana Bay - Scientific Instrument

Date - Until 30 January 2014

Department of Transport WA Notice 46/2012 (AA596083)

Scientific instrument marked by a spherical special buoy exist in position, 33° 19'.17 S 115° 39'.05 E.

Chart temporarily affected – Aus 115

524(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Harbour works

Date - Until 14 December 2012

Department of Transport WA Notice 50/2012 (AA598648, AA598649)

Harbour works associated with the extension of jetty 2 (32° 03'.79 S 115° 44'.77 E) are in progress Fishing Boat Harbour.

An exclusion zone is marked special light buoys, Q. Y.

Barges and a support vessel are on site and will display appropriate lights and monitor VHF Ch 16. Anchors deployed by the vessels will be marked by buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 113

661(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - King Bay - Light beacon damaged

Former Notice - 521(T)/2012 is cancelled

Dampier Port Authority Notice 12/2012 (AA606820)

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

Chart temporarily affected - Aus 59

713(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instrument northeastwards

Former Notice - 943(T)/2011 is cancelled

MetOcean Engineers (AA609181)

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

Chart temporarily affected - Aus 327

1006(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Cape Londonderry - Scientific instruments northeastwards

Former Notice - 1098(T)/2011 is cancelled

MetOcean Engineers (AA627920)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
13° 07'.66 S 128° 11'.59 E	subsurface
12° 56'.11 S 128° 23'.90 E	subsurface
12° 48'.03 S 128° 25'.46 E	<i>Fl(5)Y.20s</i>
12° 47'.66 S 128° 25'.83 E	<i>Fl(5)Y.20s</i>
12° 47'.64 S 128° 25'.06 E	subsurface
12° 47'.26 S 128° 25'.43 E	<i>Fl(5)Y.20s.</i>

Chart temporarily affected - Aus 315 - Aus 318 - AX 00315U

1053(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Seringapatam Reef - Scientific instrument

Date - Until 7 October 2013

Fugro Survey Pty Ltd (AA630323 - AA630325)

A special light buoy, *Fl(5)Y.20s*, exists in position 13° 43'.39 S 122° 15'.83 E.

Chart temporarily affected – Aus 322 – AX 00322U

1056(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig southwestwards

Former Notice - 1010(T)/2012 is cancelled

Australian Maritime Safety Authority Auscoast Warning 265/2012 (AA629880)

Drill rig *Noble Clyde Boudreaux* is conducting drilling operations in position 22° 05'.20 S 113° 10'.85 E.

Chart temporarily affected – Aus 329 – Aus 4723 (INT 723) – Aus 4725 (INT 725) – AX 04723U

1057(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information

Former Notice - 438(T)/2011 is cancelled

Fremantle Ports Notice 8(T)/2012 (AA630746)

Available depths as at 17 October 2012:

<i>Berth</i>	<i>Metres</i>
No 1	11.0
No 2	11.0
No 4	14.6
No 5	14.6
No 6	14.6
* No 7	14.5
* No 8	14.5
* No 9	14.5
* No 10	14.5
* No 11	10.4
* No 12	10.6
C	10.4
* D	10.4
* E	10.1
* F	10.0
* G	10.2
* H	10.1

* Indicates revised entry.

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

Chart temporarily affected – Aus 113

1105(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Swan River - Light beacon

Date - Until 31 October 2014

Department of Transport WA (AA631861, AA831862)

A special light beacon, *Fl.Y.4s*, exists in position 32° 00'.21 S 115° 49'.67 E.

Chart temporarily affected - Aus 112 - AX 63112

1106(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Kwinana - Mooring buoy

Date - Until 30 April 2013
Fremantle Ports Notice 9(T)/2012 (AA631021)

A lit yellow mooring buoy, *Fl. Y.3s*, exists in position 32° 12'.70S 115° 45'.87E.

Chart temporarily affected - Aus 114 - Aus 117 - AX 00117T

1107(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Flinders Bay - Harbour works

Date - Until 31 August 2013
Department of Transport WA Notice 98/2012 (AA630905)

Harbour works associated with the development of a boat harbour are in progress.

An exclusion zone marked by special buoys exists in an area with radius 0.54M from point 34° 21'.20 S 115° 10'.01 E.

Special light buoys, *Q. Y*, exist in positions 34° 21'.00 S 115° 10'.30 E and 34° 21'.46 S 115° 10'.13 E.

Chart temporarily affected - Aus 116

1108(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Albany - Harbour works

Date - Until 15 January 2013
Department of Transport WA Notice 103/2012 (AA634951)

Harbour works associated with the construction of a jetty are in progress in the vicinity of position 35° 01'.82 S 117° 53'.22 E.

The area will be marked by special light buoys. All vessels involved in the works will display appropriate lights and shapes and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 109

1160(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Scientific instruments

Date - Until 30 November 2013
Fremantle Ports Notice 12/2012 (AA637140)

Special light beacons, *Fl. Y.4s*, exist in positions 32° 12'.90 S 115° 45'.04 E and 32° 14'.41 S 115° 43'.30 E.

Subsurface scientific instruments exist on the seabed in positions 32° 10'.84 S 115° 43'.57 E and 32° 12'.09 S 115° 45'.74 E.

Chart temporarily affected - Aus 111 - Aus 114 - Aus 117 - AX 00117T

1216(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Broome - Scientific instrument

Former Notice - 1337(T)/2011 is cancelled
Date - Until 30 January 2014
Broome Port Authority (AA640508)

A scientific instrument marked by a special light buoy, *Fl. Y.3s*, exists in position 18° 00'.06 S 122° 12'.93 E.

Chart temporarily affected – Aus 50 – Aus 51

1288(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards

Former Notice - 818(T)/2012 is cancelled
Australian Maritime Safety Authority Auscoast Warning 314/2012 (AA642826)

Drill rig *Jack Bates* is conducting drilling operations in position 13° 24'.93 S 123° 18'.21 E.

Chart temporarily affected – Aus 319 – Aus 4721 (INT 721) – Aus 4722 (INT 722) – AX 00319U – AX 04721U – AX 04722U

1291(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Depth information

Former Notice - 913(T)/2012 is cancelled
Dampier Port Authority Notice 29/2012 (AA641675)

Available depths as at 20 November 2012:

	Metres	Remarks
East Intercourse Island	19.1	
East Intercourse Island Layby berth	19.4	
Parker Point berth 2	18.7	

Parker Point berth 3	18.8	
Parker Point berth 4	19.5	
Parker Point berth 5	19.4	
* Fuel Wharf	11.4	
Service Wharf	6.7	
Mermaid Marine Supply Base Outer Channel	5.4	
Mermaid Marine Supply Base Inner Channel	3.0	
Berthing pocket	7.2	
Dampier Cargo Wharf		9.0 Western side
Facilities Channel	9.0	Between positions 20° 36'.52 S 116° 44'.63 E and 20° 36'.74 S 116° 44'.90 E.

*Indicates new or revised entry.

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

1294(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards

Former Notice - 1012(T)/2012 is cancelled

Australian Maritime Safety Authority Auscoast Warning 308/2012 (AA642257)

Drill rig *Deepwater Frontier* is conducting drilling operations in position 19° 47'.59 S 114° 38'.93 E.

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

64(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Light buoys northwestwards

Date - Until 28 February 2013

Delmar Systems Inc (AA645444 - AA645445)

Light buoys, *Fl.5s*, exist in the following positions:

13° 48'.81 S 123° 19'.73 E
13° 48'.98 S 123° 19'.30 E
13° 49'.05 S 123° 19'.89 E
13° 49'.28 S 123° 19'.43 E.

Chart temporarily affected – Aus 319 – Aus 320 – AX 00319U

72(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Boat Harbour - Harbour works

Date - Until 15 May 2013

Department of Transport WA Notice 144/2012 (AA643610)

Works associated with the construction of floating mooring pens are in progress in the vicinity of position 21° 57'.41 S 114° 08'.39 E. The area will be marked by special light buoys.

All vessels involved in the works will display appropriate lights and shapes and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 72

111(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Lambert - Light beacons to be established

Date - On or about 15 June 2013

Department of Transport WA Notice 140/2012 (AA644892)

Light beacons exist as follows:

Number	Position	Characteristic	Remarks
27	20° 33'.78 S 117° 12'.68 E	<i>Fl.G.3s</i>	To be repositioned
29	20° 33'.94 S 117° 12'.41 E	<i>Fl.G.3s</i>	To be repositioned
31	20° 33'.96 S 117° 11'.63 E	<i>Fl.G.3s</i>	
32	20° 34'.60 S 117° 11'.08 E	<i>Fl.G.3s</i>	
33	20° 34'.58 S 117° 10'.80 E	<i>Fl.G.3s</i>	
34	20° 34'.73 S 117° 10'.66 E	<i>Fl.G.3s</i>	
35	20° 34'.87 S 117° 10'.51 E	<i>F.Bu</i>	Leading lights bearing 253°
36	20° 34'.88 S 117° 10'.46 E	<i>F.Bu</i>	
37	20° 35'.00 S 117° 10'.66 E	<i>Fl.G.3s</i>	
38	20° 35'.29 S 117° 10'.59 E	<i>F.Bu</i>	Leading lights bearing 221°
39	20° 35'.33 S 117° 10'.56 E	<i>F.Bu</i>	
40	20° 35'.35 S 117° 10'.67 E	<i>F.Bu</i>	Leading lights bearing 229°
41	20° 35'.40 S 117° 10'.60 E	<i>F.Bu</i>	
	20° 35'.43 S 117° 10'.09 E	<i>Fl.R.3s</i>	
	20° 35'.50 S 117° 10'.06 E	<i>Fl.G.3s</i>	
	20° 35'.64 S 117° 10'.06 E	<i>Fl.G.3s</i>	

20° 35'.68 S 117° 10'.10 E	<i>Fl.G.3s</i>
20° 35'.68 S 117° 10'.14 E	<i>Fl.G.3s</i>
20° 35'.50 S 117° 10'.09 E	<i>Fl.R.3s</i>
20° 35'.62 S 117° 10'.09 E	<i>Fl.R.3s</i>
20° 35'.65 S 117° 10'.12 E	<i>Fl.R.3s</i>
20° 35'.62 S 117° 10'.19 E	<i>Fl.Y.3s.</i>

Chart which will be affected - Aus 55 - Aus 56

116(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Ashburton Road to Moresby Shoals - Scientific instruments

Date - Until 31 January 2014

Department of Transport WA Notice 10/2013 (AA645987)

Light buoys, *Fl(6)Y.20s*, exist in the following positions:

21° 27'.92 S 115° 10'.19 E
21° 29'.91 S 115° 06'.16 E
21° 34'.01 S 115° 01'.10 E
21° 36'.17 S 115° 08'.97 E
21° 36'.31 S 115° 04'.62 E
21° 36'.45 S 115° 04'.01 E
21° 36'.86 S 115° 04'.49 E
21° 40'.02 S 115° 00'.63 E.

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

171(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Offshore infrastructure northwestwards

NOPSEMA (AA639400), Santos Ltd (AA648915 - AA648918)

Wells, with a 500m radius safety zone, will be established in positions 19° 14'.65 S 116° 47'.73 E and 19° 18'.29 S 116° 45'.55 E.

Pipelines are being laid in an area bounded by the following positions:

19° 13'.64 S 116° 49'.15 E
19° 19'.61 S 116° 46'.29 E
19° 17'.15 S 116° 35'.16 E
19° 14'.44 S 116° 38'.02 E.

Chart temporarily affected - Aus 327 - Aus 741 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - AX 04722U - AX 04723U

221(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Light beacons removed

Former Notice - 1157(T)/2012 is cancelled

Dampier Port Authority Notice 7/2013 (AA652949)

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

<i>Name</i>	<i>Position</i>	<i>Light buoy characteristic</i>
No 13	20° 34'.72 S 116° 45'.51 E	<i>Fl.R.3s</i>
No 14	20° 34'.80 S 116° 45'.67 E	<i>Fl.Y.1-5s.</i>

Chart temporarily affected - Aus 58 - Aus 59

228(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Leschenault Estuary - Shoaling

Former Notice - 1058(T)/2012 is cancelled

Department of Transport WA (AA653972)

Shoaling exists inside the northern groyne of The Cut entrance channel (33° 18'.2 S 115° 40'.3 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 115

271(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Obstruction

Dampier Port Authority Notice 9/2013 (AA655652)

An obstruction exists in position 20° 38'.8 S 116° 32'.2 E.

Chart temporarily affected - Aus 57 - Aus 741 - Aus 742

313(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Seismic survey southwestwards

Former Notice - 225(T)/2013 is cancelled

Date - Until 16 April 2013
BHP Billiton (AA657643, AA642006, AA642008)

SV *Ramform Explorer*, with a 3500m towed array, and support vessels *Nautika Pride* and *No Limit* are conducting a survey in the area bounded by the following positions:

20° 22'.55 S 114° 52'.40 E
20° 12'.15 S 114° 44'.49 E
19° 46'.15 S 115° 23'.95 E
19° 56'.46 S 115° 31'.59 E
20° 22'.55 S 114° 52'.40 E.

The survey vessel will monitor VHF Ch 16.

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

314(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands northwestwards - Seabed infrastructure
Apache Energy Ltd (AA658361)

An exclusion zone exists for the installation of seabed infrastructure within a 1000m radius of position 20° 03'.52 S 115° 11'.52 E.

Chart temporarily affected - Aus 328

316(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Perth - Scientific instruments westwards
Former Notice - 1220(T)/2012 is cancelled
CSIRO (AA661219)

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

31° 37'.60 S 115° 14'.75 E
31° 38'.80 S 115° 11'.75 E
31° 41'.60 S 115° 07'.00 E
31° 43'.16 S 115° 01'.80 E
31° 46'.23 S 114° 56'.60 E
31° 59'.00 S 115° 14'.00 E
32° 03'.20 S 115° 04'.96 E
32° 00'.00 S 115° 25'.00 E
32° 00'.00 S 115° 24'.16 E.

Chart temporarily affected - Aus 334 - Aus 754 - AX 00334S - AX 00754S - AX A0754S

353(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seringapatam Reef - Drill rig
Former Notice - 1151(T)/2012 is cancelled
Australian Maritime Safety Authority Aus coast Warning 88/2013 (AA662267)

Drill rig *Transocean Legend* is conducting drilling operations in position 13° 44'.28 S 122° 20'.13 E.

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

356(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwards
Australian Maritime Safety Authority Aus coast Warning 103/2013 (AA664930)

Drill rig *ENSCO 109* is conducting drilling operations in position 20° 00'.38 S 115° 38'.29 E.

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

357(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey northwestwards
Date - Until 31 May 2013
Chevron Australia Pty Ltd (AA663516, AA663517)

MV *Geo Caspian* with a 6000m towed array and support vessels MV *Cassandra VI* and MV *Guard Merlin* are conducting a survey in the area bounded by the following positions:

20° 18'.38 S 114° 35'.08 E
19° 49'.92 S 114° 56'.23 E
19° 49'.92 S 115° 05'.08 E
19° 55'.40 S 115° 05'.08 E
20° 08'.04 S 115° 00'.55 E
20° 07'.96 S 115° 10'.09 E
20° 15'.39 S 115° 10'.08 E
20° 18'.39 S 115° 05'.57 E
20° 19'.92 S 114° 50'.08 E

20° 29'.92 S 114° 45'.08 E
20° 29'.92 S 114° 35'.08 E.

Chart temporarily affected - Aus 328 - Aus 742

358(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards

Australian Maritime Safety Authority Aus coast Warning 100/2013 (AA664332), MODU *Atwood Falcon* (AA664209)

Drill rig *Atwood Falcon* is conducting drilling operations in position 20° 04'.23 S 115° 11'.03 E.

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

360(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments

Former Notice - 1301(T)/2012 is cancelled

Date - Until 31 December 2013

MetOcean Engineers (AA663524)

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

21° 22'.08 S 114° 50'.93 E
21° 31'.75 S 115° 01'.82 E
21° 34'.97 S 115° 01'.28 E
21° 35'.00 S 115° 01'.28 E
21° 39'.27 S 115° 00'.04 E
21° 39'.29 S 115° 00'.09 E.

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

413(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seismic survey westwards

Date - Until 26 June 2013

Shell Australia (AA666956, AA666957)

MV *Viking Vision* with a 6000m towed array and support vessels MV *Offshore Quest* and MV *Northern Odyssey* are conducting a survey in the area bounded by the following positions:

13° 56'.93 S 120° 54'.77 E
13° 44'.83 S 121° 07'.51 E
14° 04'.44 S 121° 27'.05 E
14° 15'.37 S 121° 29'.76 E
14° 30'.30 S 121° 23'.37 E
14° 42'.77 S 121° 10'.21 E
14° 17'.94 S 120° 45'.48 E
14° 09'.85 S 120° 43'.50 E.

Chart temporarily affected - Aus 322 - Aus 4722 INT 722) - AX 00322U - AX 04722U

415(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - AIS non operational westwards

Woodside Energy Ltd (AA667482)

The AIS (19° 29'.78 S 116° 35'.98 E) is non operational.

Chart temporarily affected - Aus 327 - Aus 741

418(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands to Barrow Island - Lit mooring buoys

Former Notice - 917(T)/2012 is cancelled

Chevron Australia Pty Ltd (AA622588 - AA622594)

Lit yellow mooring buoys, *Fl.Y.10s*, exist in positions:

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

Chart temporarily affected - Aus 61 - Aus 62 - Aus 63 - Aus 66 - Aus 67 - Aus 742 - Aus 743

419(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards

Former Notice - 223(T)/2013 is cancelled

Chevron Australia Pty Ltd (AA666496)

Drill rig *Atwood Osprey* is conducting drilling operations in position 20° 24'.50 S 114° 50'.98 E.

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

422(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument

Former Notice - 68(T)/2013 is cancelled

Date - Until 31 January 2014

Department of Transport WA Notice 133/2012 (AA642224)

A special light buoy, *Fl(5)Y.20s*, exists in position 20° 49'.47 S 115° 30'.85 E.

Chart temporarily affected - Aus 62 - Aus 66

423(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline

Former Notice - 1101(T)/2012 is cancelled

Date - Until 31 May 2013

Department of Transport WA Notices 61/2012, 60/2013 (AA633199, AA667173)

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

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

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

An anchor marked by a special light buoy, *Fl.Y.2s*, exists in positions 20° 48'.54 S 115° 29'.05 E and 20° 48'.07 S 115° 29'.18 E.

Charted depths have reduced by up to 1.5m along the pipeline route.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 62 - Aus 66 - Aus 327 - Aus 328 - Aus 742 - Aus 743

424(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments

Former Notice - 360(T)/2012 is cancelled

Chevron Australia Pty Ltd (AA590476)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 20° 48'.3 S 115° 28'.9 E and 20° 49'.4 S 115° 30'.6 E.

Chart temporarily affected - Aus 62 - Aus 66 - Aus 742 - Aus 743

425(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Anchorage

Former Notice - 175(T)/2013 is cancelled

Department of Transport WA Notice 111/2011 (AA649470)

An anchorage exists in an area bounded by the following positions:

20° 41'.93 S 115° 29'.52 E
20° 41'.93 S 115° 30'.09 E
20° 42'.47 S 115° 30'.09 E
20° 42'.47 S 115° 29'.80 E
20° 42'.20 S 115° 29'.80 E
20° 42'.20 S 115° 29'.51 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 62 - Aus 67 - Aus 742

427(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Airlie Island - Drill rig westwards

Date - Until 7 June 2013

Australian Maritime Safety Authority Aus coast Warning 111/2013 (AA666723), MODU *ENSCO 104* (AA666721)

Drill rig *ENSCO 104* is conducting drilling operations in position 21° 19'.51 S 115° 06'.45 E.

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

428(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island to Ashburton Road - Dredging operations; exclusion zones

Date - Until 31 March 2016

Dampier Port Authority Notice 8/2013 (AA666508), Department of Transport WA Notices 57/2013, 58/2013, Chevron (AA666513, AA666514)

The dredges *Ambiorix*, *Brabo* and *Breydel* are conducting dredging operations in an area, marked by light buoys *Fl. Y.6s*, bounded by the following positions:

21° 40'.44 S 114° 58'.81 E
21° 39'.36 S 114° 58'.81 E
21° 33'.43 S 114° 58'.07 E
21° 30'.54 S 115° 02'.14 E
21° 30'.95 S 115° 03'.96 E
21° 39'.40 S 115° 01'.77 E
21° 41'.14 S 115° 01'.77 E.

A floating pipeline exists between the dredges. Spoil will be deposited in a restricted area, marked by light buoys *Fl. Y.6s*, bounded by the following positions:

21° 26'.68 S 115° 05'.50 E
21° 26'.74 S 115° 10'.85 E
21° 31'.04 S 115° 10'.83 E
21° 30'.98 S 115° 05'.42 E.

All vessels will monitor VHF Ch 14 and Ch 16.

An exclusion zone marked by special light buoys, *Fl. Y.6s*, exists in an area bounded by the following positions:

21° 40'.44 S 114° 58'.81 E
21° 39'.36 S 114° 58'.81 E
21° 39'.40 S 115° 01'.77 E
21° 41'.14 S 115° 01'.77 E.

Mariners are advised to navigate with caution in the area and are to contact Ashburton Marine on VHF Ch 14 when entering the area of dredging operations.

Chart temporarily affected - Aus 64 - Aus 743

433(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Depth information

Former Notice - 946(T)/2008 is cancelled

Geraldton Port Authority (AA666328, AA666329)

Available depths as at 31 January 2013:

Berth	Metres
* No 1	9.1
* No 2	9.7
* No 3	12.9
* No 4	12.8
* No 5	13.3
* No 6	12.4
* No 7	13.1
Channel	
Harbour Basin	12.4
* Inside western breakwater beacon 20 to 22	12.6
Beacon 20	13.1
* Beacon 16 to 20	13.2
* Beacon 4 to 14	13.8
* Beacon 2	14.1
* North Channel over Reef	9.1 in channel
* Indicates new or revised entry	

Chart temporarily affected - Aus 81

435(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Light beacon northeastwards

Date - Until 10 April 2014

Fremantle Ports Notice 1(P)/2013 (AA666502)

A special light beacon, *Fl. Y. 4s*, exists in position 32° 08'.10 S 115° 40'.65 E.

Chart temporarily affected - Aus 117 - Aus 754 - AX 00117T - AX 00754S - AX A0754S

478(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Lights

Date - On or about 3 May 2013

Port Hedland Port Authority, BHP Billiton (AA669057)

Leading lights have been altered/established as follows:

<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
20° 18'.69 S 118° 34'.04 E	F.R.15m	Mazda rear moved
20° 18'.95 S 118° 34'.04 E	F.R.40m	Utah rear common with new Shelf rear and Airey front
20° 19'.01 S 118° 34'.15 E	F.R.18m	Utah front moved; bearing 297.8°
20° 19'.02 S 118° 34'.15 E	F.R.18m	Shelf front new light; bearing 302°
20° 19'.04 S 118° 33'.96 E	F.R.44m	Leslie rear new light common with Airey rear
20° 19'.06 S 118° 34'.04 E	F.R.37m	Leslie front new light; bearing 287.7°
20° 20'.00 S 118° 35'.38 E	F.R.15m	Smith Point rear moved
20° 19'.95 S 118° 35'.35 E	F.R.11m	Smith Point front moved.

Leading lights in positions 20° 19'.15 S 118° 33'.83 E and 20° 19'.16 S 118° 33'.93 E have been discontinued.

A new edition of Aus 54 is in production.

Chart which will be affected - Aus 54

480(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Drilling operations

Date - Until 20 June 2013

Department of Transport WA Notice 64/2013 (AA668443)

Jack-up barge *Driller 1* and support vessel *Southern Image* are conducting drilling operations in the following positions:

20° 50'.52 S 116° 13'.38 E
20° 50'.44 S 116° 13'.39 E
20° 50'.35 S 116° 13'.40 E
20° 50'.22 S 116° 13'.41 E
20° 50'.12 S 116° 13'.42 E
20° 50'.01 S 116° 13'.43 E
20° 49'.89 S 116° 13'.45 E
20° 49'.61 S 116° 13'.45 E
20° 49'.34 S 116° 13'.48 E
20° 49'.33 S 116° 13'.23 E.

Vessels will display appropriate lights and shapes and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 68 - Aus 742 - Aus 743

481(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig westwards

Former Notice - 420(T)/2013 is cancelled

Date - Until 4 July 2013

Australian Maritime Safety Authority Auscoast Warning 110/2013 (AA666329), MODU *Ocean America* (AA666330)

Drill rig *Ocean America* is conducting drilling operations in position 20° 45'.41 S 114° 44'.00 E.

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

483(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Serrurier Island - Scientific instruments

Date - Until 31 May 2013

MetOcean Engineers (AA667665)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
21° 39'.19 S 114° 40'.86 E	<i>Fl(5)Y.20s</i>
21° 39'.22 S 114° 40'.90 E	5 poly floats.

Chart temporarily affected - Aus 328 - Aus 743 - Aus 744

485(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards

Former Notice - 226(T)/2013 is cancelled

Date - Until 12 July 2013

Australian Maritime Safety Authority Auscoast Warning 125/2013 (AA668838), MODU *Atwood Eagle* (AA668632)

Drill rig *Atwood Eagle* is conducting drilling operations in position 20° 57'.49 S 113° 05'.67 E.

Chart temporarily affected - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04723U

486(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Gregory - Shoaling

Department of Transport WA Notice 66/2012 (AA668957)

Shoaling, with a least depth of 0.1m, exists adjacent to the jetty (28° 11'.44 S 114° 14'.95 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 84

489(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Emu Point - Light established

Date - On or about 31 July 2013

Albany Port Authority Notice 1(P)/2013 (AA663443)

A light *Iso.WRG.2s 10m 11M* with sectors Red 167° - 164.5° (2.5°), White 164.5° - 160.5° (4°), Green 160.5° - 158° (2.5°) has been established in position 34° 59'.96 S 117° 56'.76 E. This light will be trialled for three months.

Chart which will be affected - Aus 110 - Aus 118 - AX 00110S - AX 00118S

520(T)/2013 AUSTRALIA - TIMOR SEA - Sahul Banks - Obstruction

Former Notice - 269(T)/2013 is cancelled

PTTEP Australasia (AA669085, AA669086)

An obstruction with least depth 109m exists in position 11° 55'.45 S 125° 00'.45 E.

Chart temporarily affected - Aus 314 - Aus 4060 (INT 60) - Aus 4603 (INT 603) - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00314U - AX 04721U - AX 04722U

521(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Rowley Shoals - Seismic survey westwards

Date - Until 15 July 2013

Repsol (AA668692)

SV *Polarcus Alima* with a 8000m towed array and support vessels *Sealink 161*, *Limitless* and *Empress* are conducting a survey in the area bounded by the following positions:

17° 08'.03 S 117° 46'.48 E
17° 07'.93 S 118° 09'.53 E
17° 35'.02 S 118° 09'.60 E
17° 35'.13 S 117° 46'.56 E.

Chart temporarily affected - Aus 326 - Aus 4722 (INT 722) - AX 04722U

523(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Harbour works

Former Notice - 421(T)/2013 is cancelled

Date - Until 31 March 2014

Department of Transport WA Notices 129/2012, 14/2013 (AA644896, AA671110)

Works associated with the construction of a jetty are in progress at Town Point. An exclusion zone exists in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
20° 47'.48 S 115° 28'.07 E	
20° 47'.48 S 115° 29'.04 E	
20° 48'.40 S 115° 30'.55 E	special conical light buoy, Q.Y
20° 50'.19 S 115° 30'.53 E	special conical light buoy, Q.Y
20° 50'.17 S 115° 28'.82 E	special conical light buoy, Q.Y
20° 48'.95 S 115° 28'.84 E	special conical light buoy, Q.Y
20° 47'.52 S 115° 28'.56 E.	

The infrastructure associated with the works is marked by lights, *Fl.3s*.

Barges and support vessels will monitor VHF Ch 10 and Ch 73 and display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 62 - Aus 66 - Aus 327 - Aus 328 - Aus 742 - Aus 743

524(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - West Reef to Fly Island - Scientific instruments

Former Notice - 315(T)/2013 is cancelled

Date - Until 29 February 2016

Department of Transport WA Notice 70/2013 (AA672344)

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

21° 19'.66 S 115° 23'.45 E
21° 19'.66 S 115° 09'.50 E
21° 27'.04 S 115° 02'.00 E
21° 28'.93 S 115° 01'.54 E
21° 30'.02 S 114° 50'.23 E
21° 30'.11 S 114° 55'.27 E
21° 31'.73 S 114° 46'.25 E
21° 33'.85 S 115° 00'.45 E
21° 34'.69 S 114° 54'.30 E
21° 35'.20 S 114° 56'.38 E
21° 37'.84 S 114° 41'.51 E
21° 43'.17 S 114° 46'.17 E.

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

526(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwards

Former Notice - 484(T)/2013 is cancelled

MODU *Nan Hai 6* (AA671022)

Drill rig *Nan Hai 6* is conducting drilling operations in position 21° 31'.77 S 114° 05'.12 E.

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

527(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Pipeline northwards

Date - Until 1 August 2013

Apache Energy Ltd (AA629433, AA671444 - AA671446)

OSCV *Boa Sub C* is conducting pipe laying operations between the following positions:

21° 20'.21 S 114° 04'.93 E
21° 20'.95 S 114° 04'.39 E
21° 23'.21 S 114° 04'.60 E.

A 500m exclusion zone exists around the vessel.

Mariners are advised to navigate with caution in the area.

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

SOUTH AUSTRALIA

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

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

Former Notice - 534(T)/2011 is cancelled

Fugro LADS Corporation (AA534581)

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

Chart temporarily affected – Aus 781

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

Former Notice - 176(T)/2009 is cancelled

Department for Transport, Energy and Infrastructure SA Notice 38/2010 (AA515239, AA515240)

Available depths as at 24 August 2010:

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

Chart temporarily affected – Aus 133

129(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Rapid Bay - Light buoy off station northwestwards

Department of Planning, Transport and Infrastructure SA Notice 4/2012 (AA578839)

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

Chart temporarily affected – Aus 780

769(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Depth information

Former Notice - 525(T)/2012 is cancelled

Department of Planning, Transport and Infrastructure SA Notices 13/2012, 20/2012 (AA598632, AA613629)

Available depths as at 16 July 2012:

<i>Berth</i>	<i>Metres</i>
Outer Harbor No1	11.0
Outer Harbor No2	10.5
Outer Harbor No3	10.5
Outer Harbor No4	10.5
Outer Harbor No6	13.8
Outer Harbor No8	15.7
Swinging Basin	13.7
* Inner Harbor M	10.3
* Indicates new entry	

Chart temporarily affected – Aus 137

73(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Great Australian Bight - Ceduna Terrace - Scientific instruments

Date - Until 31 December 2013

MetOcean Engineers (AA643598)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 34° 28'.49 S 130° 45'.35 E and 34° 28'.37 S 130°

48'.61 E.

Chart temporarily affected – Aus 4727 (INT 727)

318(T)/2013 AUSTRALIA - Great Australian Bight - Seismic survey

Fugro Multi Client Services Pty Ltd (AA658218, AA660553)

MV *Fugro Supporter*, will be conducting a survey in the area bounded by the following positions:

33° 16' S 128° 13' E

33° 19' S 131° 35' E

35° 21' S 131° 38' E

35° 16' S 130° 38' E.

Chart temporarily affected - Aus 4709 (INT 709) - Aus 4727 (INT 727)

437(P)/2013 AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Lights

Date - On or about 3 May 2013

Department of Planning, Transport and Infrastructure SA Notice 13/2013 (AA665361)

The light (33° 02'.49 S 137° 34'.96 E) has been altered to *Iso.Bu.6s 18m* and repositioned to 33° 02'.35 S 137° 35'.46 E.

The light (33° 02'.20 S 137° 35'.99 E) has been altered to *Iso.Bu.2s*.

The light beacon (33° 02'.14 S 137° 35'.83 E) has been altered to *Iso.Y.2s 15m* and repositioned to 33° 02'.13 S 137° 35'.75 E.

The light (33° 02'.10 S 137° 35'.56 E) has been altered to *Iso.Y.6s*.

Chart which will be affected - Aus 135 - Aus 136

VICTORIA

796(T)/2007 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Obstruction Victorian Notice 103(T)/2007 (AA282029)

An obstruction marked by 3 special light buoys, *Fl. Y. 3s*, exists in position 38° 18'.36 S 144° 46'.47 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 143 – Aus 158

514(T)/2008 AUSTRALIA - VICTORIA - Western Port - Phillip Island - Shoaling northwards Victorian Notice 64(T)/2008 (AA333884)

Shoaling, least depth *13.4 metres*, exists at position 38° 25'.53 S 145° 13'.90 E extending 100 metres into the shipping channel .

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 150 - Aus 151

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

Former Notice - 465(T)/2009 is cancelled

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

Available depths as at 19 August 2010:

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

* Indicates new or revised entry.

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

Chart temporarily affected - Aus 153 - Aus 157

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

Former Notice - 458(T)/2007 is cancelled

Victorian Notice 51(T)/2007 (AA242065)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357

448(T)/2011 AUSTRALIA - BASS STRAIT - Platforms; pipeline

Former Notice - 1424(T)/2010 is cancelled

Date - Until 31 July 2012

McDermott Australia Pty Ltd (AA527057)

DB30, Emerald Sea, Miclyn Endurance and support vessels are conducting works to platforms and pipelines in the area bounded by 38° 11'.0 S to 38° 15'.0 S and 148° 00'.0 E to 148° 36'.0. Vessels are advised not to enter the area and a 2M safety zone exists around the vessels involved in the works.

Vessels can be contacted on VHF Ch 16.

Chart temporarily affected - Aus 357 - Aus 487

723(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Great Ship Channel - Shoaling

Victorian Notice 89(T)/2011 (AA543561)

Shoaling, with a least depth of *16.7m*, exists in position 38° 18'.04 S 144° 37'.69 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 144 – Aus 158

991(T)/2011 AUSTRALIA - VICTORIA - Port Campbell - Lights unlit

Date - Until 18 October 2011

Victorian Notice 113(T)/2011 (AA556905)

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

Chart temporarily affected – Aus 141

1346(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Exclusion zones

Victorian Notice 146(T)/2011 (AA571787)

As a result of shoaling, exclusion zones exists in the areas bounded by the following positions:

38° 17'.50 S 144° 39'.08 E

38° 17'.50 S 144° 39'.45 E

38° 17'.56 S 144° 39'.45 E

38° 17'.55 S 144° 39'.08 E,

and

38° 17'.65 S 144° 41'.13 E

38° 17'.88 S 144° 42'.27 E

38° 17'.90 S 144° 42'.27 E

38° 17'.67 S 144° 41'.13 E,

and

38° 17'.99 S 144° 42'.65 E

38° 18'.01 S 144° 42'.72 E

38° 18'.02 S 144° 42'.72 E

38° 18'.00 S 144° 42'.65 E,

and

38° 17'.80 S 144° 42'.85 E

38° 18'.14 S 144° 44'.52 E

38° 18'.17 S 144° 44'.51 E

38° 17'.83 S 144° 42'.84 E,

and

38° 18'.18 S 144° 45'.07 E

38° 18'.37 S 144° 46'.35 E

38° 18'.38 S 144° 46'.35 E

38° 18'.19 S 144° 45'.07 E.

Chart temporarily affected – Aus 144 – Aus 158

76(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Scientific instruments

Victorian Notice 156(T)/2011 (AA575139)

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

Chart temporarily affected – Aus 143 – Aus 158

131(T)/2012 AUSTRALIA - VICTORIA - Anderson Inlet - Shoaling

Former Notice - 1300(T)/2009 is cancelled

Victorian Notice 8(T)/2012 (AA577182)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 801

132(T)/2012 AUSTRALIA - VICTORIA - Port Albert - Light unlit

Victorian Notice 11(T)/2012 (AA578170)

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

Chart temporarily affected – Aus 181 – Aus 357

365(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Point Nepean - Wreck

MV *Lady Cheryl*, Victorian Notices 66(T)/2012, 69(T)/2012 (AA590836, AA592525, AA592526)

A wreck marked by a special light buoy, *VQ(3)Y.5s*, exists in position 38° 17'.90 S 144° 39'.25 E.

A 50m exclusion zone exists around the wreck and vessels involved in the salvage operations.

Mariners are advised to navigate with caution in the area.

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

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

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

Chart temporarily affected – Aus 181

579(T)/2012 AUSTRALIA - VICTORIA – Barry Beach - Shoaling
Former Notice - 1301(T)/2009 is cancelled
Victorian Notice 88/2012 (AA602669)

Shoaling, with a least depth of 5.2m, exists in the Barry Beach Channel (38° 43'.00 S 146° 22'.77 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 182

772(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Werribee South - Harbour works
Date - Until 30 January 2014
Victorian Notice 106(T)/2012 (AA613718)

Harbour works associated with the construction of a new marina are in progress in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
37° 58'.29 S 144° 42'.27 E	special conical buoy, without topmark
37° 58'.31 S 144° 42'.36 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.32 S 144° 42'.46 E	special conical buoy, without topmark
37° 58'.28 S 144° 42'.55 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.23 S 144° 42'.63 E	special conical buoy, without topmark
37° 58'.17 S 144° 42'.69 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 58'.10 S 144° 42'.75 E	special conical buoy, without topmark
37° 58'.04 S 144° 42'.81 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 57'.97 S 144° 42'.86 E	special conical buoy, without topmark
37° 57'.89 S 144° 42'.85 E	special conical light buoy, <i>Fl. Y. 7s</i> , with topmark
37° 57'.81 S 144° 42'.82 E	special conical buoy, without topmark.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 143 – Aus 155

1063(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling
Former Notice - 963(T)/2012 is cancelled
Victorian Notice 141(T)/2012 (AA630248)

Virtual AIS exist as follows:

<i>Identification message</i>	<i>Position</i>
TB1	38° 18'.11 S 144° 43'.86 E
TB2	38° 18'.22 S 144° 44'.39 E.

Shoaling with a least depth of 15.2m exists in the vicinity and north of the virtual buoys. Deep draught vessels should pass to the south of the buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 144 – Aus 158

1064(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works
Date - Until 17 November 2012
Victorian Notice 135(T)/2012 (AA630011)

Harbour works associated with the rehabilitation of Ann St Pier (37° 51'.63 S 144° 54'.59 E) including the demolition of the pier end are in progress.

The light *F.G* (37° 51'.58 S 144° 54'.61 E) has been repositioned to 37° 51'.59 S 144° 54'.61 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 154

1229(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Wilson Spit - Light beacon destroyed

Victorian Notice 170/2012 (AA640540)

The starboard light beacon, *Fl.G.3s* (38° 06'.68 S 144° 30'.98 E), has been destroyed; a starboard light buoy, *Fl.G.3s*, exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 157

74(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Short Road Wharf - Harbour works

Date - Until 30 June 2013

Victorian Notice 184(T)/2012 (AA643612)

Works associated with the remediation of the wharf are in progress (37° 50'.15 S 144° 53'.93 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 154

75(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Appleton Dock - Harbour works

Former Notice - 77(T)/2011 is cancelled

Date - Until 30 June 2014

Victorian Notice 183(T)/2012 (AA643590)

Works associated with the remediation of berths B to F are in progress (37° 49'.02 S 144° 55'.31 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 154

275(T)/2013 AUSTRALIA - VICTORIA - Otway Basin - Pipeline

Date - Until 15 April 2013

Origin Energy (AA620979, AA654442 - AA654445)

Vessel *Normand Clough* and support vessel *Mermaid Vision* are conducting pipe lay operations between positions 39° 06'.94 S 142° 56'.00 E and 39° 06'.49 S 142° 57'.10 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 349 - Aus 787

319(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Mordialloc - Shoaling

Victorian Notice 36(T)/2013 (AA657634)

Shoaling, with a least depth of *-1m*, exists within the entrance to Mordialloc Creek (38° 00'.69 S 145° 05'.05 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 155

365(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Station Pier - Harbour works

Date - Until 4 July 2013

Port of Melbourne Corporation Notice 41(T)/2013 (AA663039)

Works associated with the remediation of the pier (37° 50'.54 S 144° 55'.85 E) are in progress.

A barge and support vessel *Warneet* are onsite and will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

368(T)/2013 AUSTRALIA - VICTORIA - Kilcunda - Works

Former Notice - 181(T)/2013 is cancelled

Date - Until 31 May 2013

Victorian Notice 44/2013 (AA664839)

Works associated with the desalination plant are in progress within a 500m radius of position 38° 35'.95 S 145° 30'.63 E. The area is marked by four special light buoys, *Fl. Y.2s*.

Chart temporarily affected - Aus 150 - Aus 801

369(T)/2013 AUSTRALIA - VICTORIA - Port Welshpool - Harbour works

Victorian Notice 43(T)/2013 (AA664450)

Remediation and upgrade works are in progress at the slipway jetty (38° 42'.13 S 146° 27'.82 E).

A barge and support vessel are on site. Anchors deployed by the barge will be marked by buoys.

The jetty will be marked by two lights, *Fl. Y.5s*.

There will be restricted availability of the slipway while works are in progress.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 182

439(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Harbour works

Date - Until 31 May 2013

Victorian Notice 51(T)/2013 (AA666337)

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.

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

Vessels with air draught 43.5m to 47.5m are permitted to transit subject to evacuation of all personnel from platform. Incoming vessels report to Melbourne VTS 30 minutes prior to arrival Fawkner beacon and departing vessels report to Melbourne VTS 30 minutes prior to departing from berths upstream of the West Gate Bridge.

Vessels with air draught 47.5m to 50.1m are permitted to transit subject to evacuation of all personnel and the removal of the platform from the channel. Incoming vessels report to Melbourne VTS at Hovell pile and departing vessels report to Melbourne VTS 2 hours prior to departing from berths upstream of the West Gate Bridge.

Chart temporarily affected - Aus 154

491(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Station Pier - Harbour works

Date - Until 14 May 2013

Victorian Notice 61(T)/2013 (AA669337)

Works associated with the remediation of the lighthouse (37° 50'.53 S 144° 55'.76 E) are in progress.

A barge is onsite and will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

532(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Harbour works

Former Notice - 366(T)/2013 is cancelled

Date - Until 30 October 2013

Victorian Notices 19(T)/2013, 46(T)/2013, 66(T)/2013 (AA649627, AA664916, AA671811)

Works associated with the development of a new marina are in progress.

Temporary landings will be installed in positions 37° 51'.63 S 144° 57'.95 E, 37° 51'.83 S 144° 57'.85 E and 37° 51'.64 S 144° 57'.76 E.

A temporary groyne will be installed between positions 37° 51'.64 S 144° 58'.17 E and 37° 51'.63 S 144° 57'.95 E. Special light buoys, *Fl. Y.5s*, which mark the groyne exist in positions 37° 51'.61 S 144° 57'.94 E and 37° 51'.67 S 144° 57'.97 E.

Lit piles and special light buoys, *Fl. Y. 5s*, which mark the construction zone exist in the following positions:

37° 51'.641 S 144° 57'.743 E
37° 51'.644 S 144° 57'.862 E
37° 51'.642 S 144° 57'.941 E
37° 51'.609 S 144° 57'.837 E
37° 51'.612 S 144° 57'.830 E
37° 51'.616 S 144° 57'.824 E
37° 51'.619 S 144° 57'.818 E
37° 51'.622 S 144° 57'.811 E
37° 51'.626 S 144° 57'.805 E
37° 51'.629 S 144° 57'.798 E
37° 51'.633 S 144° 57'.791 E.

All hazards to navigation will be marked by lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 155

TASMANIA

91(T)/2010 AUSTRALIA - TASMANIA - Georges Bay - Wreck

Former Notice - 1204(T)/2009 is cancelled

Marine and Safety Tasmania Notice M3/2010 (AA447779)

A stranded wreck exists in position 41° 16'.24 S 148° 20'.07 E, with a floating line marked by a white poly-float leading to an anchor in position 41° 16'.20 S 148° 20'.13 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 169

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

Date - Until 30 March 2013

Marine and Safety Tasmania Notice M150/2011 (AA570022)

Subsurface scientific instruments exist in the following positions:

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

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

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

Date - Until 20 December 2011

Marine and Safety Tasmania Notice M144/2011 (AA569730)

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

Chart temporarily affected - Aus 179 - Aus 800

130(T)/2012 AUSTRALIA - TASMANIA - Wynyard - Harbour works

Date - Until 31 May 2012

Marine and Safety Tasmania Notice M7/2011 (AA578071)

Works associated with the demolition and reconstruction of the wharf (40° 59'.27 S 145° 44'.00 E) are in progress.

Mariners are advised to navigate to the north of the three special light buoys, Q.Y, established at the work site and to navigate with caution in the area.

Chart temporarily affected – Aus 178

175(T)/2012 AUSTRALIA - TASMAN SEA - Tasman Basin - Light buoy withdrawn

Former Notice - 84(T)/2012 is cancelled

Australian Bureau of Meteorology (AA581659)

The light buoy, *Fl.Y.2s*, (44° 51'.0 S 161° 44'.0 E), has been temporarily withdrawn.

Chart temporarily affected - Aus 4601 (INT 601)

526(T)/2012 AUSTRALIA - TASMANIA - River Derwent - Tranmere Point - Scientific instrument

Date - Until 30 June 2013

Marine and Safety Tasmania Notice 48/2012

A scientific instrument marked by a special conical buoy exist in position, 42° 55'.40 S 147° 24'.57 E.

Chart temporarily affected – Aus 171 – Aus 796

527(T)/2012 AUSTRALIA - TASMANIA - Launceston - Pile driving

Date - Until 9 July 2012

Marine and Safety Tasmania Notice 51/2012 (AA598382)

A pile driving barge is currently operating in North Esk River (41° 26'.02 S 147° 07'.77 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 168

576(T)/2012 AUSTRALIA - TASMANIA - Frederick Henry Bay - Scientific instruments

Former Notice - 1229(T)/2011 is cancelled

Date - Until 20 September 2013

Marine and Safety Tasmania (AA602526)

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

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

Chart temporarily affected – Aus 171 – Aus 796

1061(T)/2012 AUSTRALIA - TASMANIA - River Derwent - Risdon Cove - Buoy

Date - Until 1 April 2013

Marine and Safety Tasmania Notice 81/2012 (AA629996)

An orange buoy exists in position 42° 49'.11 S 147° 18'.83 E.

Chart temporarily affected – Aus 172

1062(T)/2012 AUSTRALIA - TASMANIA - Cape Barren Island - Scientific instruments

Date - Until 30 November 2013

Marine and Safety Tasmania Notice 95/2012 (AA630000)

Subsurface scientific instruments exist on the seabed in the following positions:

40° 26'.38 S 148° 28'.97 E	40° 26'.51 S 148° 29'.51 E
40° 26'.65 S 148° 30'.05 E	40° 26'.78 S 148° 30'.59 E

Subsurface scientific instruments exist 30m below the surface in the following positions:

40° 26'.91 S 148° 31'.12 E	40° 27'.05 S 148° 31'.66 E
40° 27'.18 S 148° 32'.20 E	40° 27'.31 S 148° 32'.74 E
40° 27'.44 S 148° 33'.27 E	40° 27'.58 S 148° 33'.81 E
40° 27'.71 S 148° 34'.35 E	40° 27'.84 S 148° 34'.89 E
40° 27'.97 S 148° 35'.43 E	40° 28'.11 S 148° 35'.96 E
40° 28'.24 S 148° 36'.50 E	40° 28'.37 S 148° 37'.04 E
40° 28'.50 S 148° 37'.58 E	40° 28'.64 S 148° 38'.12 E
40° 28'.77 S 148° 38'.65 E	40° 28'.90 S 148° 39'.19 E
40° 29'.03 S 148° 39'.73 E	40° 29'.16 S 148° 40'.27 E
40° 29'.30 S 148° 40'.81 E	40° 29'.43 S 148° 41'.35 E

40° 29'.56 S 148° 41'.88 E	40° 29'.69 S 148° 42'.42 E
40° 29'.82 S 148° 42'.96 E	40° 29'.96 S 148° 43'.50 E
40° 30'.09 S 148° 44'.04 E	40° 30'.22 S 148° 44'.58 E
40° 30'.35 S 148° 45'.12 E	40° 30'.48 S 148° 45'.65 E
40° 30'.61 S 148° 46'.19 E	40° 30'.75 S 148° 46'.73 E
40° 30'.88 S 148° 47'.27 E	40° 31'.01 S 148° 47'.81 E
40° 31'.14 S 148° 48'.35 E	40° 31'.27 S 148° 48'.89 E
40° 31'.40 S 148° 49'.40 E	40° 31'.52 S 148° 49'.90 E

Chart temporarily affected – Aus 487 – Aus 798 – Aus 800

1110(T)/2012 AUSTRALIA - TASMANIA - Sugarloaf Rock to De Witt Island - Scientific instruments

Date - Until 31 January 2013

Marine and Safety Tasmania Notice M95-12 (AA632287 - AA632290)

Scientific instruments marked by orange buoys exist in the following positions:

43° 35'.73 S 146° 23'.60 E	43° 27'.50 S 145° 57'.90 E
43° 35'.70 S 146° 23'.70 E	43° 27'.48 S 145° 57'.98 E
43° 35'.55 S 146° 24'.11 E	43° 26'.72 S 145° 56'.32 E
43° 35'.52 S 146° 24'.22 E	43° 26'.71 S 145° 56'.42 E
43° 39'.03 S 146° 26'.08 E	43° 27'.60 S 145° 54'.59 E
43° 37'.08 S 146° 26'.21 E	43° 28'.26 S 145° 54'.59 E
43° 38'.99 S 146° 26'.45 E	43° 28'.26 S 145° 55'.13 E
43° 39'.02 S 146° 26'.58 E	43° 28'.19 S 145° 55'.24 E

Chart temporarily affected - Aus 793 - Aus 794

122(T)/2013 AUSTRALIA - TASMANIA - Maria Island - Scientific instruments

Date - Until 28 February 2014

University of Tasmania (AA647460, AA647461)

Subsurface scientific instruments exist on the seabed in the following positions:

42° 40'.08 S 147° 58'.04 E
 42° 39'.99 S 147° 58'.60 E
 42° 39'.91 S 147° 59'.16 E
 42° 39'.82 S 147° 59'.72 E
 42° 39'.74 S 148° 00'.28 E

Subsurface scientific instruments exist 30m below the surface in the following positions:

42° 39'.08 S 148° 10'.40 E	42° 39'.28 S 148° 10'.92 E
42° 39'.48 S 148° 11'.44 E	42° 39'.68 S 148° 11'.96 E
42° 39'.88 S 148° 12'.49 E	42° 40'.08 S 148° 13'.01 E
42° 40'.28 S 148° 13'.53 E	42° 40'.48 S 148° 14'.05 E
42° 40'.68 S 148° 14'.57 E	42° 40'.88 S 148° 15'.10 E
42° 41'.08 S 148° 15'.62 E	42° 41'.28 S 148° 16'.14 E
42° 41'.48 S 148° 16'.66 E	42° 41'.68 S 148° 17'.18 E
42° 41'.88 S 148° 17'.71 E	42° 42'.08 S 148° 18'.23 E
42° 42'.28 S 148° 18'.75 E	42° 42'.48 S 148° 19'.27 E
42° 42'.68 S 148° 19'.79 E	42° 42'.87 S 148° 20'.32 E
42° 43'.07 S 148° 20'.84 E	42° 43'.26 S 148° 21'.26 E

Chart temporarily affected - Aus 170 - Aus 766 - Aus 797

179(T)/2013 AUSTRALIA - TASMANIA - Hobart - New Town Bay - Wreck

Marine and Safety Tasmania Notice M22/2013 (AA650422)

A wreck exists in position 42° 50'.66 S 147° 19'.21 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 171 - Aus 172

232(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Marine farm

Date - Until 14 May 2013

Marine and Safety Tasmania Notice M24/2013 (AA653994)

A marine farm, marked by special light buoys, exists in an area bounded by the following positions:

42° 18'.55 S 145° 23'.13 E

42° 18'.90 S 145° 23'.52 E
42° 19'.30 S 145° 22'.85 E
42° 18'.95 S 145° 22'.47 E.

Chart temporarily affected - Aus 177 - Aus 792

233(T)/2013 AUSTRALIA - TASMANIA - Cape Sonnerat - Wreck
Marine and Safety Tasmania Notice M25/2013 (AA653456)

A wreck exists in position 42° 20'.67 S 148° 19'.99 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 169 - Aus 766

276(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Marine farm
Marine and Safety Tasmania Notice M26/2013 (AA656380)

Mariners are advised the marine farm has extended its boundaries as follows:

42° 15'.54 S 145° 18'.75 E
42° 15'.11 S 145° 19'.57 E
42° 15'.71 S 145° 20'.13 E
42° 16'.14 S 145° 19'.30 E.

Chart temporarily affected - Aus 177

277(T)/2013 AUSTRALIA - TASMANIA - Hawkers Point - Pipeline
Date - Until 3 December 2013
Marine and Safety Tasmania Notice M34/2013 (AA655987)

Pipe laying operations are in progress in an area, marked by special buoys, bounded by the following positions:

43° 20'.19 S 147° 00'.93 E
43° 20'.17 S 147° 00'.87 E
43° 20'.47 S 147° 00'.81 E
43° 20'.44 S 147° 00'.75 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 173

364(T)/2013 AUSTRALIA - TASMANIA - River Tamar - Light beacon destroyed
Marine and Safety Tasmania Notices M45/2013, M47/2013 (AA662937, AA663470)

No10 light beacon, Q(2)R.4s (41° 23'.71 S 147° 06'.15 E), has been destroyed; a port lateral light buoy, Q(2)R.4s, exists in situ.

Chart temporarily affected - Aus 168

531(T)/2013 AUSTRALIA - TASMANIA - Frederick Henry Bay - Isle of Caves - Light unlit
Marine and Safety Tasmania Notice M58/2013 (AA672366)

The light, LFI.R.7s 12m 3M (42° 54'.43 S 147° 39'.02 E), is unlit.

Chart temporarily affected - Aus 171 - Aus 796

PAPUA NEW GUINEA and SOUTH PACIFIC

404(T)/2008 PAPUA NEW GUINEA - Port Moresby - Fish aggregation device southwards

Former Notice - 665(T)/2006 is cancelled

Department of Transport and Civil Aviation PNG Notice 8/2004 (AA84295)

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

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

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

Date - Until 31 January 2013

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

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

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

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

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 379

283(T)/2011 AUSTRALIA - South Fiji - Light buoy withdrawn

Former Notice - 134(T)/2011 is cancelled

Australian Bureau of Meteorology (AA521187)

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

Chart temporarily affected – Aus 4602 (INT 602)

709(P)/2011 PAPUA NEW GUINEA - Eastern Fields - Reef delineation

Date - On or about 15 July 2011

LADS Flight (AA543779)

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

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

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

Former Notice - 1159(T)/2011 is cancelled

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

The following lights are unlit:

<i>Location</i>	<i>Position</i>
Otua Island (K4886)	6° 27'.50 S 155° 58'.40 E
Takanupei Island (K4884.4)	6° 08'.86 S 155° 34'.31 E
Dokome Point (K4885.2)	6° 10'.91 S 155° 32'.94 E
Kerekerina Point (K4885)	6° 11'.30 S 155° 33'.56 E
Arawa Bay (K4884.6)	6° 13'.74 S 155° 34'.37 E
Banaru Reef (K4885.7)	6° 08'.30 S 155° 39'.03 E
Moto Reef (K4885.8)	6° 08'.77 S 155° 39'.52 E
Wogoromodo Reef (K4885.6)	6° 10'.12 S 155° 39'.03 E
Cape Laverdy (K4884)	5° 32'.49 S 155° 03'.88 E

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

564(T)/2012 PAPUA NEW GUINEA - Bounganville Island - Buka passage - Wrecks

Stranded wrecks exist in the following positions

5° 26'.8 S 154° 39'.4 E
5° 26'.9 S 154° 39'.0 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 684

609(P)/2012 PAPUA NEW GUINEA - Caution Bay - Nav aids to be established

Date - On or about 1 November 2012

ExxonMobil Australia (AA604216, AA604217)

Light beacons and light buoys will be established as follows:

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

Chart which will be affected – Aus 379

904(T)/2012 PAPUA NEW GUINEA - Lae - Dredging operations

Date - Until 31 January 2014

PNG Ports Corporation Ltd (AA622596 - AA622602)

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

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

An exclusion zone exists within this area.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 643

1285(P)/2012 PAPUA NEW GUINEA - Karkar Island - Light beacon established

National Maritime Safety Authority PNG (AA641752 - AA641754)

A starboard lateral light beacon, *Fl.G.4s*, exists in position 4° 31'.70 S 146° 00'.82 E.

Chart which will be affected – Aus 388

164(T)/2013 PAPUA NEW GUINEA - Nuakata Passage - Oreore Channel - Light beacon destroyed

National Maritime Safety Authority PNG Notice 2(T)/2013 (AA650413)

The port lateral light beacon, *Q.R* (10° 13'.69 S 150° 52'.77 E), has been destroyed.

Chart temporarily affected - Aus 628

165(T)/2013 PAPUA NEW GUINEA - Daia Point - Light unlit
National Maritime Safety Authority PNG Notice 3(T)/2013 (AA649248)

The light, *Fl.6s 19m 10M* (8° 59'.50 S 149° 08'.31 E), is unlit.

Chart temporarily affected - Aus 520 - Aus 4620 (INT 620) - Aus 4621 (INT 621) - AX 04620U - AX 04621U

166(T)/2013 PAPUA NEW GUINEA - Condor Point - Light unlit
National Maritime Safety Authority PNG Notice 4(T)/2013 (AA649248)

The light, *Fl(2)8s 15m 10M* (4° 07'.12 S 144° 51'.70 E), is unlit.

Chart temporarily affected - Aus 388 - Aus 4622 (INT 622)

349(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Drill rig
Date - Until 10 May 2013
National Maritime Safety Authority PNG Notice 13/2013 (AA663461)

Drill rig *Stena Clyde* is conducting drilling operations in position 8° 38'.40 S 145° 02'.84 E. A 2000m exclusion zone exists around the vessel.

Chart temporarily affected - Aus 378 - Aus 4620 (INT 620) - AX 04620U

350(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Cable laying operations
Former Notice - 57(T)/2013 is cancelled
Date - Until 20 April 2013
National Maritime Safety Authority PNG Notices 14/2013, 15/2013 (AA664427)

Vessel *Ile de Re* is laying a cable between the following positions;
8° 07'.59 S 144° 30'.12 E
8° 07'.34 S 144° 30'.65 E
8° 03'.87 S 144° 33'.64 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 378 - Aus 502

351(T)/2013 PACIFIC OCEAN - Scientific instruments
Former Notice - 873(T)/2012 is cancelled
JAMSTEC (AA660644)

Scientific instruments, Triton buoys, exist as follows:

<i>Number</i>	<i>Position</i>
4	0° 00'.97 N 156° 02'.50 E
5	2° 01'.03 S 155° 57'.52 E
6	5° 02'.01 S 156° 01'.54 E
9	0° 03'.54 N 147° 00'.68 E.

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

405(T)/2013 PAPUA NEW GUINEA - Port Moresby - Lark Patch - Light beacon destroyed
National Maritime Safety Authority PNG Notice 16(T)/2013 (AA667480)

The light beacon, *Fl.R.3s 5m 3M* (9° 31'.53 S 147° 08'.53 E), has been destroyed.

Chart temporarily affected - Aus 505 - Aus 621

473(T)/2013 PAPUA NEW GUINEA - Djaul Island - Light unlit
National Maritime Safety Authority PNG Notice 19(T)/2013 (AA668923)

The light, *Fl.10s 79m 10M* (3° 00'.04 S 150° 43'.57 E), is unlit.

Chart temporarily affected - Aus 392 - Aus 393 - Aus 543 - Aus 4060 (INT 60) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - AX

04604U

514(T)/2013 PAPUA NEW GUINEA - Ava Point - Light unlit
National Maritime Safety Authority PNG Notice 22(T)/2013 (AA671696)

The light, *Fl.12s 188m 10M* (10° 34'.14 S 149° 52'.89 E), is unlit.

Chart temporarily affected - Aus 507 - Aus 4604 (INT 604) - Aus 4620 (INT 620) - Aus 4621 (INT 621) - AX 04604U - AX 04620U - AX 04621U

515(T)/2013 PAPUA NEW GUINEA - Veale Reef - Light unlit
National Maritime Safety Authority PNG Notice 21(T)/2013 (AA671696)

The light, *Fl.2.5s 9m 10M* (9° 11'.94 S 149° 28'.72 E), is unlit.

Chart temporarily affected - Aus 519 - Aus 520

EAST TIMOR

NIL

MISCELLANEOUS

Nil