Supplement IV

TEMPORARY AND PRELIMINARY NOTICES
In force on 22 March 2013

NEW SOUTH WALES

1318(T)/2010 AUSTRALIA - NEW SOUTH WALES - Broken Bay - Barrenjoey Head - Light range reduced
NSW Maritime (AA506509)

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

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

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

864(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Obstruction
Port Kembla Port Corporation Notice 9/2011 (AA551936)

A silt curtain, marked by special light buoys *Q.Y,* exists in the outer harbour between the following positions:
34° 28'.18 S 150° 54'.15 E
34° 28'.15 S 150° 54'.27 E
34° 28'.47 S 150° 54'.33 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus194 - Aus195

1139(T)/2011 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Harbour works
Date - Until 30 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

795(T)/2012 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depth information
Former Notice - 692(T)/2012 is cancelled
Port Kembla Port Corporation Notice 1/2012 (AA608487)

Available depths as at 28 June 2012:

	Berth	*Metres*	*Remarks*
	Inner Harbour	15.1	
	North West Basin	11.2	
	101	11.4	Maximum transit draft 12m
	102	15.8	
	103	12.0	
	104	15.4	
	105	15.0	
	106	13.7	
	107	12.0	
	108	-	Future Development
	109	11.7	
	110	10.7	
	111	15.2	
	112	12.8	Maximum transit draft 13.6m
	113	11.2	West of 7m chainage
	113	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 max LOA 180m
*	202	10.2	To 205m max LOA 195m
	202	10.0	To 210m
	203	10.1	
	204	4.2	
	205	6.8	
	206	11.0	

* Indicates new or revised entry.

Chart temporarily affected – Aus 194

1132(T)/2012 AUSTRALIA - NEW SOUTH WALES - Sydney - Millers Point - Harbour works
Sydney Ports Notice 13/2012 (AA637248)

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'.30 S 151° 11'.98 E), with seven special light buoys, *Q.Y,* spaced equally to a light buoy, *VQ(9)10s* (33° 51'.44 S 151° 11'.99 E).

A silt curtain marked by special buoys will be established around the boundary of the area.

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

141(P)/2013 AUSTRALIA - NEW SOUTH WALES - Port Macquarie - Light trial
Former Notice - 847(T)/2010 is cancelled
Date - Until 30 April 2013
NSW Roads and Maritime Services Notice 1275/2012 (AA650945)

A light, *Oc.WRG.4s,* with sectors White 244° - 249°, Red 249° - 269°, Green 239° - 244° exists in position 31° 25'.61 S 152° 54'.87 E.

Chart which will be affected - Aus 219

257(T)/2013 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Farm Cove - Exclusion zone
Date - Until 26 April 2013
Sydney Ports Corporation Notice 4/2013 (AA656484)

An exclusion zone marked by special light buoys, *Q.Y,* exists in an area bounded by the following positions:
33° 51'.73 S 151° 13'.18 E
33° 51'.72 S 151° 13'.13 E
33° 51'.68 S 151° 13'.15 E
33° 51'.64 S 151° 13'.17 E
33° 51'.61 S 151° 13'.19 E
33° 51'.62 S 151° 13'.23 E.

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

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,* exsits in position 33° 57'.53 S 151° 12'.05 E.

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

298(T)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information
Former Notice - 197(T)/2013 is cancelled
Newcastle Port Corporation (AA658523)

Available depths as at 18 March 2013:

Berth	*Metres*	*Remarks*
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	16.3	
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
Channels		
	Entrance Approach	17.7
	Entrance Channel (18.0m)	18.0
	Entrance Channel (17.4m)	17.4
	Entrance Channel (16.8m)	16.8
	Entrance Channel (16.2m)	16.2
	Entrance Channel to Horseshoe	15.2
*	Horseshoe	14.3
*	Steelworks Channel to Swinging Basin	14.6
	Swinging Basin	14.8
	Hunter River South Arm (Kooragang 6 to buoy 16)	15.0
*	Hunter River South Arm (buoy 16 to buoy 18)	14.4
	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

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

300(T)/2013 AUSTRALIA - NEW SOUTH WALES - Clarence River - Navaids destroyed or off station; depths

Former Notice - 142(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'.54 S 153° 20'.16 E) have been destroyed.

Navaids 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

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 - Hesket 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.*

Navaids exist as follows:

Position	*Remarks*
27° 15'.84 S 153° 04'.62 E	port beacon
27° 15'.95 S 153° 04'.75 E	starboard buoy
27° 15'.97 S 153° 04'.74 E	port buoy
27° 16'.56 S 153° 04'.29 E	lit starboard buoy, *Fl.G.2·5s*
27° 16'.60 S 153° 04'.26 E	lit port buoy, *Fl.R.2·5s*
27° 16'.57 S 153° 04'.11 E	lit starboard buoy, *Fl.G.2·5s*
27° 16'.59 S 153° 04'.09 E	lit port buoy, *Fl.R.2·5s*

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:

	Metres
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

1032(T)/2011 AUSTRALIA - QUEENSLAND - Cape Edgecumbe to Abbot Point - Scientific instruments
Date - Until 30 March 2013
Maritime Safety Queensland Notice 948(T)/2011 (AA559162)

Special light buoys, *Fl.Y.5s,* exist in positions:
19° 55'.92 S 148° 13'.61 E
19° 54'.39 S 148° 08'.93 E
19° 51'.29 S 148° 03'.34 E.

Chart temporarily affected - Aus 255 - Aus 825 - Aus 826

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:

	Metres
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

251(T)/2012 AUSTRALIA - QUEENSLAND - Cleveland Bay to Rowes Bay - Scientific instruments
Date - Until 31 March 2013
Maritime Safety Queensland Notice 194(T)/2012 (AA586719)

Special light buoys, *Fl.Y.4s,* exist in positions 19° 12'.82 S 146° 47'.53 E and 19° 14'.44 S 146° 49'.42 E.

Chart temporarily affected - Aus 256 - Aus 257 - Aus 827

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

306(T)/2012 AUSTRALIA - TORRES STRAIT - Adolphus Channel to Gannet Passage - AIS trial
Former Notice - 58(T)/2012 is cancelled
Australian Maritime Safety Authority (AA567095, AA572149, AA572150, AA573831)

AIS units have been attached to navaids as follows:

MMSI	*Position (WGS84 datum)*	*Type*	*Remarks*
995031033	10° 28'.43 S 142° 22'.61 E	Real	Alert Patches north cardinal light buoy
995031038	10° 29'.77 S 142° 27'.08 E	Synthetic	East Strait Island rear light
995031022	10° 30'.16 S 142° 21'.51 E	Real	Herald Patches starboard lateral light buoy
995031023	10° 33'.91 S 142° 09'.13 E	Real	Goods Island rear light
995031039	10° 35'.49 S 141° 52'.41 E	Synthetic	Gannet Passage south cardinal light buoy.

Chart temporarily affected - Aus 292 - Aus 293 - Aus 296 - Aus 299 - Aus 376 - Aus 700

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

404(T)/2012 AUSTRALIA - QUEENSLAND - Fitzalan Passage - Light buoy off station
Maritime Safety Queensland Notice 353(T)/2012 (AA594029)

The special light buoy, *Fl.Y.2·5s* (20° 18'.78 S 148° 56'.05 E), is off station.

Chart temporarily affected - Aus 252 - Aus 253

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:

	Metres	*Remarks*
* 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:

	Metres
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

697(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Aquarium Passage - Harbour works
Date - Until 10 August 2012
Maritime Safety Queensland Notice 700(T)/2012 (AA611079)

Harbour works associated with the removal of mooring piles are in progress in the vicinity of position 27° 26'.42 S 153° 07'.52 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

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:

		Metres
	Entrance Channel	1.5
*	Inner Channel	2.3
*	Public Wharf	2.0
	Swing Basin	1.4

* Indicates revised entry.

Chart temporarily affected – Aus 270

756(T)/2012 AUSTRALIA - QUEENSLAND - Karumba - Depth information
Former Notice - 654(T)/2012 is cancelled
Maritime Safety Queensland Notice 732(T)/2012 (AA612884)

Available depths as at 16 July 2012:

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

* Indicates revised entry.

Chart temporarily affected – Aus 6

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:

Position	*Remarks*
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, *Fl.Y.4s*
19° 15'.14 S 146° 49'.98 E	special light buoy, *Fl.Y.4s*
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, *Fl.Y.4s.*
19° 15'.07 S 146° 49'.88 E	special light buoy, *Fl.Y.4s.*
19° 15'.04 S 146° 49'.89 E	special light buoy, *Fl.Y.4s*
19° 15'.01 S 146° 49'.90 E	special light buoy, *Fl.Y.4s.*
19° 14'.98 S 146° 49'.91 E	special light buoy, *Fl.Y.4s.*
19° 14'.95 S 146° 49'.91 E	special light buoy, *Fl.Y.4s.*
19° 14'.94 S 146° 49'.88 E	special light buoy, *Fl.Y.4s.*
19° 14'.96 S 146° 49'.85 E	special light buoy, *Fl.Y.4s.*
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 - Navaids
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:

	Metres	*Remarks*
* 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

865(P)/2012 AUSTRALIA - QUEENSLAND - Low Islets - AIS trial
Date - On or about 14 December 2012
Aus coast Warning 213/2012 (AA616695), Australian Maritime Safety Authority ATH 7/2012 (AA618098)

A real AIS unit MMSI 995031046 has been attached to the light, *Fl.10s 20m 17M* (16° 23'.05 S 145° 33'.59 E).

Chart which will be affected - Aus 830 - Aus 831 - AX 6027S - Aus 4620 (INT 620) - AX 04620U

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:

Number	*Position*	*Characteristic*	*Remarks*
CB1	23° 49'.32 S 151° 15'.45 E	*Fl.G.4s*	Light beacon removed
CB2	23° 49'.29 S 151° 15'.09 E	*Fl.R.4s*	

CB3	23° 49'.15 S 151° 15'.23 E	*Fl.G.4s*	
CB4	23° 49'.11 S 151° 14'.85 E	*Fl.R.4s*	Light beacon removed
T3	23° 47'.97 S 151° 12'.81 E	*Fl.G.4s*	Light beacon removed
T4	23° 48'.12 S 151° 12'.87 E	*Fl.R.4s*	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:

Position	*Remarks*
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, *Fl.Y.4s*
21° 16'.37 S 149° 18'.63 E	special light buoy, *Q.Y*
21° 16'.08 S 149° 18'.45 E	special light buoy, *Q.Y*
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:

	Remarks	*Metres*
*	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:

		Metres
*	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

56(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Depth information
Former Notice - 1142(T)/2012 is cancelled
Maritime Safety Queensland Notices 1187(T)/2012, 1330(T)/2012 (AA635583, AA644595)

Available depths as at 19 December 2012:

	Metres	*Remarks*
* Sea Channel	11.8	
* Platypus Channel	12.0	
Outer Harbour:		
* Arrival Channel	6.7	
* Departure Channel	10.8	
Inner Harbour:		
* Harbour	11.9	
Berths:		
* No 1	11.8	
No 2	12.0	(550 to 770 mark)
* No 2	11.6	(770 to 790 mark)
No 3	11.9	
* No 4	9.9	
* No 7	10.9	
* 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	2.0	Shoaling with least depth 1.2m exists at the southern and southeastern extremity of the Marine Precinct Turning Basin.
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

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:

	Metres
* 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 - Navaids destroyed or off station
Maritime Safety Queensland Notice 88(T)/2013 (AA649225)

Navaids 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 - Navaids destroyed or off station; depths
Maritime Safety Queensland Notice 76(T)/2013 (AA649220)

Navaids 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 - Navaids destroyed or off station; depths
Maritime Safety Queensland Notice 80(T)/2013 (AA649223)

Navaids 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 - Navaids destroyed or off station; depths
Maritime Safety Queensland Notice 97(T)/2013 (AA649700)

Navaids 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

155(T)/2013 AUSTRALIA - QUEENSLAND - Port Alma - Navaids destroyed or off station; depths
Maritime Safety Queensland Notice 91(T)/2013 (AA649242)

Navaids in Port Alma may be destroyed or off station due to recent flooding.

Depths may not be consistent with charted information.

The port is closed to all commercial shipping.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 247 - Aus 265

156(T)/2013 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Light destroyed; light structure damaged
Maritime Safety Queensland Notice 115(T)/2013 (AA650916)

The light, *Fl.R.2s* (23° 09'.54 S 150° 47'.33 E), has been destroyed.

The light structure, *Fl.G.6s* (23° 09'.54 S 150° 47'.11 E), has been damaged.

Chart temporarily affected - Aus 247 - Aus 819 - Aus 820 - AX 00367S - AX 00820S

157(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations
Former Notice - 900(T)/2012 is cancelled
Date - Until 28 March 2013
Maritime Safety Queensland Notice 104(T)/2013 (AA650419)

Diving operations are in progress in the vicinity of berth No1 at the DBCT (21° 15'.01 S 149° 18'.36 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

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:

		Metres
*	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

199(T)/2013 AUSTRALIA - QUEENSLAND - The Broadwater - North Channel - Dredging operations
Date - Until 15 March 2013
Maritime Safety Queensland Notice 59(T)/2013 (AA650911)

The dredge *Dogo* and support vessels are conduction dredging operations between light beacons NC1 (27° 55'.86 S 153° 25'.30 E) and NC3 (27° 55'.54 S 153° 25'.09 E).

The dredge will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

201(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Dredging operations
Date - Until 28 February 2014
Maritime Safety Queensland Notice 156(T)/2013 (AA652944)

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 0438 037 705 to request side mooring wires be lowered.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

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:

		Metres	
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:

Number	*Position*	*Characteristic*
CR1	23° 48'.66 S 151° 13'.79 E	*Fl.G.2·5s*
CR2	23° 48'.70 S 151° 13'.89 E	*Fl.R.2·5s*
CR3	23° 48'.87 S 151° 13'.74 E	*Fl.G.2·5s*
CR4	23° 48'.84 S 151° 13'.82 E	*Fl.R.2·5s*
CR5	23° 48'.95 S 151° 13'.67 E	*Fl.G.2·5s*
CR6	23° 49'.29 S 151° 13'.25 E	*Fl.R.2·5s*
CR7	23° 49'.09 S 151° 13'.39 E	*Fl.G.2·5s*
CR9	23° 49'.19 S 151° 13'.22 E	*Fl.G.2·5s*
CR11	23° 49'.26 S 151° 13'.11 E	*Fl.Y.2·5s*
CR13	23° 49'.36 S 151° 13'.04 E	*Fl.Y.2·5s.*

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:

Berth	*Metres*
* 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:

Position	*Remarks*
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

259(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - North West Channel - Light buoy off station
Maritime Safety Queensland Notice 193(T)/2013 (AA656085)

NE2 port lateral light buoy, *Fl.R.2·5s* (26° 57'.46 S 153° 20'.51 E), is off station.

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

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

301(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information
Former Notice - 258(T)/2013 is cancelled
Brisbane Port Corporation (AA657570, AA658226, AA661101)

Available depths and under keel clearances (UKC) at 20 March 2013:

	Berth	*Metres*	*Remarks*
*	Fisherman Islands No11	13.5	
*	Fisherman Islands No10	13.3	
*	Fisherman Islands No9	13.4	
*	Fisherman Islands No8	13.2	
	Fisherman Islands No7	13.4	
*	Fisherman Islands No6	13.9	
*	Fisherman Islands No5	13.0	
*	Fisherman Islands No4	13.3	
*	Fisherman Islands No3	12.9	
	Fisherman Islands No2	13.2	
*	Fisherman Islands No1	12.9	
*	Fisherman Islands Grain and Woodchip	12.4	
*	Caltex Fisherman Islands	14.0	
*	Fisherman Islands Coal	14.0	
*	Fisherman Islands General Purpose	11.1	
*	BP Luggage Point	14.3	

*	Caltex Products	9.9
*	Cement Australia Co Wharf	8.9
*	BP Products	10.1
*	Shell	10.1
	Pacific Terminals	10.5
*	Incitec North	9.2
*	Incitec South	9.1
*	Pinkenba 1	9.6
*	Pinkenba 2	9.6
	Riverside Marina	-
	Sugar Terminal	9.9
	Cairncross Fitting Out Wharf	8.3
	Cairncross Breasting Wharf	6.1
	Brisbane Naval Wharf	4.3
*	Maritime No1	8.6
*	Hamilton No4	10.1
	Hamilton No1	8.5
	Brisbane Cruise Ship Terminal	8.5

	Metres	*UKC/Remarks*
Moreton Bay:		
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
Brisbane River:		
Outer Bar Cutting	13.9	1.46
Inner Bar Cutting	13.5	1.46
Fisherman Islands Swing Basin	13.3	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	8.8	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

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

303(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations
Former Notice - 261(T)/2013 is cancelled
Maritime Safety Queensland Notice 241(T)/2013 (AA660544)

Shoaling with a least depth of *3.0m* exists within the main channel to Mooloolah River. Shoaling with a least depth of *2.2m* exists between 26° 40'.78 S 153° 07'.89 E, and 26° 40'.81 S 153° 07'.82 E.

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 and Ch 16.

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

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

305(T)/2013 AUSTRALIA - QUEENSLAND - Daydream Island - Light unlit
Maritime Safety Queensland Notice 233(T)013 (AA658321)

The rear lead light, .Bu (F Day) (20° 15'.09 S 148° 48'.91 E), is unlit.

Chart temporarily affected - Aus 252 - Aus 253

306(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Survey operations; diving operations
Date - Until 5 April 2013
Maritime Safety Queensland Notice 234(T)/2013 (AA658516)

HMAS Diamantina is conducting survey operations involving the use of remotely operated vehicle and divers around Magnetic Island, Townsville Port and the approach channels, Sea and Platypus Channels.

Mariners should remain clear of the survey vessel.

The vessel will display appropriate lights and shapes and maintain a listening watch on VHF Ch 12 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 257 - Aus 828

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

309(P)/2013 AUSTRALIA - QUEENSLAND - Fahey Reef to Fife Island - Lights to be withdrawn
Date - On or about 6 April 2013
Australian Maritime Safety Authority Preliminary ATH 03/2013 (AA658315)

The Fahey Reef light, *Fl(3)12s 8m 10M,* (14° 03'.78 S 143° 51'.40 E), will be withdrawn.

The Fife Island light, *Fl.2·5s 5m 10M,* (13° 39'.24 S 143° 43'.05 E), will be withdrawn.

Chart which will be affected - Aus 280 - Aus 833 - Aus 834

NORTHERN TERRITORY

223(T)/2009 AUSTRALIA - TIMOR SEA - Sahul Banks - Navaid; racon non operational
Former Notice - 671(T)/2008 is cancelled
Modec Management Services (AA384494)

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

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

160(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Cape Wessels - Wreck westnorthwestward
Former Notice - 617(T)/2011 is cancelled
HMAS *Melville* (AA539627, AA539628)

A partially submerged 25m fishing vessel is moored in position 10° 41'.56 S 135° 43'.08 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 306 - AX 0306F

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

867(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point to Walker Shoal - Diving operations
Date - Until 26 October 2012
Darwin Port Corporation Notice 94(T)/2012 (AA619924)

Diving operations are in progress between Blaydin Point (12° 30'.55 S 130° 55'.30 E) and Walker Shoal (12° 29'.46 S 130° 52'.39 E).

Dive vessels will display appropriate shapes and will monitor VHF Ch 10, Ch 16 and Ch 71. A 250m safety zone exists around the vessels.

Dive sites will be marked by special light buoys, *Q.*

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 26 - Aus 28 - 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:

Number	*Position*
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:

	Berths	*Metres*
*	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

1095(T)/2012 AUSTRALIA - Darwin - Channel Island to Blaydin Point - Scientific instruments
Date - Until 31 January 2013
Darwin Port Corporation Notice 152(T)/2012 (AA634978)

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
12° 29'.79 S 130° 55'.18 E.

Chart temporarily affected - Aus 26 - Aus 27 - Aus 28 - AX 72026

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

1149(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Blaydin Point - Harbour works; dredging operations
Former Notice - 1005(T)/2012 is cancelled
Date - Until 31 January 2014
Darwin Port Corporation Notice 149(T)/2012 (AA635212)

Works associated with the construction of the module offloading facility are in progress in an area bounded by the following positions:
12° 30'.56 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.

The causeway is marked at the extremities by *Q.Y* lights.

The dredges *Athena, Hippopotes, Baldur, Queen of the Netherlands* and *Simpson* and barges *Cornelius Lely, Pieter Caland, Le Sphinx* and *L'Toile* are conducting dredging operations in an area bounded by the following positions:
12° 30'.01 S 130° 53'.11 E
12° 30'.30 S 130° 53'.71 E
12° 30'.19 S 130° 54'.16 E
12° 30'.33 S 130° 54'.94 E
12° 30'.47 S 130° 54'.99 E
12° 30'.65 S 130° 54'.36 E
12° 30'.40 S 130° 53'.23 E.

A floating pipeline marked by special lights is exists from the dredge *Athena* to the dredge *Queens of the Netherlands.*

A 250m radius safety zone exists around all vessels. An exclusion zone exists within the area of the works and dredging operations.

Mariners are advised to navigate with caution in the area.

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 navaids are off station:
11° 51'.65 S 130° 35'.07 E starboard lateral light buoy, *Fl.G.5s*
11° 49'.87 S 130° 36'.69 E starboard lateral light buoy, *Fl.G.5s*
11° 48'.90 S 130° 38'.08 E starboard lateral light buoy, *Fl.G.5s*
11° 48'.00 S 130° 39'.06 E port lateral light buoy, *Fl.R.5s*

11° 46'.35 S 130° 39'.99 E	port lateral light buoy, *Fl.R.5s*
11° 46'.01 S 130° 39'.88 E	port lateral light buoy, *Fl.R.5s*
11° 44'.22 S 130° 37'.69 E	port lateral light buoy, *Fl.R.5s*
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

268(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Scientific instrument
Date - Until 15 April 2013
Darwin Port Corporation Notice 31(T)/2013 (AA656237)

A subsurface scientific instrument exists in position 12° 27'.71 S 130° 49'.50 E.

Chart temporarily affected - Aus 24

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:

Position (WGS84 datum)	*Remarks*
19° 36'.38 S 116° 07'.53 E	lit buoy, *Fl(5)Y.20s*
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:

	Berth	*Metres*
	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

382(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Scientific instrument
MetOcean Engineers (AA524835)

A subsurface scientific instrument exists in position 13° 56'.34 S 123° 16'.66 E.

Chart temporarily affected - Aus 319 - Aus 320 - AX 0319F

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:

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

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

126(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instrument
Date - Until 30 April 2012
Department of Transport WA Notice 13/2012 (AA5782621)

A special light buoy, *Fl(5)Y.20s,* exist in position 20° 34'.28 S 117° 11'.38 E.

Chart temporarily affected – Aus 55 – Aus 56

127(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Mermaid Sound - Obstructions
Former Notice - 911(T)/2009 is cancelled
Dampier Port Authority Notice 1/2012 (AA578115)

Obstructions marked by special light buoys, *Q,* exist in the following positions:
20° 31'.47 S 116° 45'.16 E
20° 31'.96 S 116° 44'.57 E
20° 32'.49 S 116° 44'.51 E
20° 32'.79 S 116° 44'.51 E.

Chart temporarily affected – Aus 57 – Aus 58

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

360(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments
Former Notice - 139(T)/2010 is cancelled
Date - Until 30 April 2012
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 742 - Aus 743

362(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Scientific instruments
Former Notice - 436(T)/2011 is cancelled
Date - Until 31 May 2012
MetOcean Engineers (AA586402)

Subsurface scientifIc instruments exist in positions 20° 14'.21 S 113° 53'.59 E and 20° 23'.61 S 114° 03'.90 E.

Chart temporarily affected - Aus 328 - Aus 329

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:

	Location	*Metres*
*	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

712(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Scientific instruments
Former Notice - 255(T)/2012 is cancelled
Date - Until 31 March 2013
MetOcean Engineers (AA609181)

Scientific instruments exist as follows:

Position	*Remarks*
17° 31'.31 S 122° 07'.48 E	5 poly floats
17° 31'.19 S 122° 07'.51 E	*Fl(5)Y.20s*
17° 31'.22 S 122° 07'.65 E	*Fl(5)Y.20s.*

Chart temporarily affected - Aus 324

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

917(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands to Barrow Island - Lit mooring buoys
Former Notice - 390(T)/2011 is cancelled
Chevron Australia Pty Ltd (AA622588 - AA622594)

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

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 742 – Aus 743

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:

Position (WGS84 datum)	*Remarks*

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	*Fl(5)Y.20s*
12° 47'.66 S 128° 25'.83 E	*Fl(5)Y.20s*
12° 47'.64 S 128° 25'.06 E	subsurface
12° 47'.26 S 128° 25'.43 E	*Fl(5)Y.20s.*

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

1054(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Drill rig northwards
Australian Maritime Safety Authority Auscoast Warning 263/2012 (AA629387)

Drill rig *Nan Hai 6* is conducting drilling operations in position 19° 17'.57 S 116° 45'.82 E.

Chart temporarily affected – Aus 327 – Aus 741

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:

	Berth	*Metres*
	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

1101(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline
Former Notice - 614(T)/2012 is cancelled
Date - Until 31 January 2013
Department of Transport WA Notice 61/2012 (AA633199)

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.

Mariners are advised to navigate with caution in the area.

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

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

1151(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seringapatam Reef - Drill rig
Former Notice - 358(T)/2012 is cancelled
Australian Maritime Safety Authority Aus coast Warning 284/2012 (AA636553)

Drill rig *Transocean Legend* is conducting drilling operations in position 13° 44'.71 S 122° 07'.38 E.

Chart temporarily affected - Aus 322 - Aus 4722(INT722) - AX 00322U - AX 04722U

1155(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - James Price Patches to Cary Patch - Scientific instruments
Former Notice - 819(T)/2012 is cancelled
Date - Until 31 March 2013
Department of Transport WA Notice 72/2012 (AA637084), Woodside Energy Ltd (AA637083)

Scientific instruments marked by special buoys exist in positions:
17° 30'.96 S 122° 03'.01 E
17° 44'.80 S 122° 11'.22 E
17° 40'.20 S 122° 10'.74 E.

Chart temporarily affected - Aus 324

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

1219(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Scientific instruments northwards
Former Notice - 363(T)/2012 is cancelled
Date - Until 15 December 2013
Fugro Survey Pty Ltd (AA639313, AA639314, AA639534)

A special light buoy, *Fl(5)Y.20s,* exists in position 20° 12'.55 S 113° 51'.40 E and a subsurface scientific instrument, 70m below the surface, exists in position 20° 12'.54 S 113° 50'.33 E.

Chart temporarily affected – Aus 328 – Aus 329

1221(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Light altered; pilot boarding place repositioned
Date - Until 1 March 2013
Albany Port Authority Notice 1(P)/2012, 2(P)/2012 (AA639450, AA639453)

The light (35° 02'.1 S 117° 55'.1 E) has been temporarily altered to *Iso.WRG.2s 42m 11M & Fl.3s 9M* with light sectors red *298·5° - 296° (2·5°)* white *296° - 292° (4°)* green *292° - 289·5° (2·5°).*

The pilot boarding place (35° 03'.23 S 117° 58'.48 E) has been temporarily repositioned to 35° 04'.00 S 118° 00'.00 E.

Chart temporarily affected – Aus 109 – Aus 110 – Aus 118 – Aus 759 – AX 00110S – AX 00118S

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

1295(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northeastwards
Former Notice - 1011(T)/2012 is cancelled
Date - Until 12 March 2013
Australian Maritime Safety Authority Auscoast Warning 312/2012 (AA642565), MODU *Ocean America* (AA642548)

Drill rig *Ocean America* is conducting drilling operations in position 20° 43'.31 S 114° 36'.55 E.

Mariners are advised to navigate with caution in the area.

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

1301(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments
Former Notice - 1103(T)/2012 is cancelled
Date - Until 31 December 2013
MetOcean Engineers (AA642627)

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° 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

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

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

69(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Harbour works
Date - Until 31 March 2014

Department of Transport WA Notice 129/2012 (AA644896)

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 positions:
20° 47'.48 S 115° 28'.07 E
20° 47'.48 S 115° 29'.04 E
20° 48'.40 S 115° 30'.55 E
20° 50'.19 S 115° 30'.53 E
20° 50'.17 S 115° 28'.82 E
20° 48'.95 S 115° 28'.84 E
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 327 – Aus 328 – Aus 742 – Aus 743

71(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey northwestwards
Date - Until 23 February 2013
Australian Maritime Safety Authority Auscoast Warning 324/2012 (AA644548), Fugro Survey Pty Ltd (AA645435)

SPV *Fugro Synergy* with an AUV in company is conducting a survey in the area bounded by the following positions:
20° 11'.3 S 114° 04'.3 E
20° 11'.3 S 115° 11'.3 E
19° 30'.0 S 115° 11'.3 E
19° 30'.0 S 114° 04'.3 E.

Chart temporarily affected – Aus 328 – Aus 329 – Aus 742 – Aus 4723 (INT 723) – AX 04723U

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

110(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northeastwards
Date - Until 31 May 2013
Woodside Energy Ltd (AA646183 - AA646186)

SV *Polarcus Alima* with a 6000m towed array and support vessels *Sealink 161, Limitless* and *Empress* are conducting a survey in the area bounded by the following positions:
18° 44'.13 S 118° 03'.33 E
19° 05'.50 S 118° 25'.21 E
19° 14'.41 S 118° 29'.38 E
19° 50'.88 S 117° 01'.96 E
19° 41'.93 S 116° 57'.85 E
19° 29'.69 S 117° 27'.47 E
19° 20'.89 S 117° 16'.14 E
19° 07'.60 S 117° 19'.07 E
18° 59'.48 S 117° 26'.66 E.

Chart temporarily affected - Aus 326 - Aus 327 - Aus 739 - Aus 741 - Aus 4722 (INT 722) - AX 04722U

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	*Fl.G.3s*	To be repositioned

29	20° 33'.94 S 117° 12'.41 E	*Fl.G.3s*	To be repositioned
31	20° 33'.96 S 117° 11'.63 E	*Fl.G.3s*	
32	20° 34'.60 S 117° 11'.08 E	*Fl.G.3s*	
33	20° 34'.58 S 117° 10'.80 E	*Fl.G.3s*	
34	20° 34'.73 S 117° 10'.66 E	*Fl.G.3s*	
35	20° 34'.87 S 117° 10'.51 E	*F.Bu*	Leading lights bearing 253°
36	20° 34'.88 S 117° 10'.46 E	*F.Bu*	
37	20° 35'.00 S 117° 10'.66 E	*Fl.G.3s*	
38	20° 35'.29 S 117° 10'.59 E	*F.Bu*	Leading lights bearing 221°
39	20° 35'.33 S 117° 10'.56 E	*F.Bu*	
40	20° 35'.35 S 117° 10'.67 E	*F.Bu*	Leading lights bearing 229°
41	20° 35'.40 S 117° 10'.60 E	*F.Bu*	
	20° 35'.43 S 117° 10'.09 E	*Fl.R.3s*	
	20° 35'.50 S 117° 10'.06 E	*Fl.G.3s*	
	20° 35'.64 S 117° 10'.06 E	*Fl.G.3s*	
	20° 35'.68 S 117° 10'.10 E	*Fl.G.3s*	
	20° 35'.68 S 117° 10'.14 E	*Fl.G.3s*	
	20° 35'.50 S 117° 10'.09 E	*Fl.R.3s*	
	20° 35'.62 S 117° 10'.09 E	*Fl.R.3s*	
	20° 35'.65 S 117° 10'.12 E	*Fl.R.3s*	
	20° 35'.62 S 117° 10'.19 E	*Fl.Y.3s.*	

Chart which will be affected - Aus 55 - Aus 56

112(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Boiler Rock to Parker Point - Scientific instruments
Date - Until 31 May 2013
Dampier Port Authority Notice 2/2013 (AA647455)

Light buoys, *Fl.3s* , exist in the following positions:
20° 35'.09 S 116° 40'.50 E
20° 36'.78 S 116° 45'.06 E
20° 38'.20 S 116° 43'.97 E.

Chart temporarily affected - Aus 57 - Aus 58 - Aus 59 - Aus 60

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

118(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Gascoyne River - Obstruction
Date - Until 30 April 2013
Department of Transport Notice 24/2013 (AA647367)

A stranded excavator, marked by a light *Fl(2)5s,* exists in position 24° 54'.47 S 113° 38'.62 E.

Chart temporarily affected - Aus 73

170(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwestwards
Former Notice - 1289(T)/2012 is cancelled
Australian Maritime Safety Authority Aus coast Warning 22/2013 (AA648664)

Drill rig *ENSCO 109* is conducting drilling operations in position 20° 07'.60 S 116° 26'.14 E.

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

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

175(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Anchorage
Former Notice - 1088(T)/2010 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 742

177(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - False Island - Wreck
Former Notice - 115(T)/2013 is cancelled
Department of Transport WA 29/2013 (AA650865)

A stranded wreck exists in position 21° 21'.0 S 115° 30'.0 E.

An exclusion zone exists in an area bounded by the following positions:
21° 20'.50 S 115° 29'.50 E
21° 20'.60 S 115° 31'.35 E
21° 21'.60 S 115° 31'.35 E
21° 21'.50 S 115° 29'.50 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 743

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:

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

Chart temporarily affected - Aus 58 - Aus 59

223(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards
Former Notice - 1297(T)/2012 is cancelled
Date - Until 2 April 2013
Australian Maritime Safety Authority Aus coast Warning 35/2013 (AA651423), Chevron Australia Pty Ltd (AA652863)

Drill rig *Atwood Osprey* is conducting drilling operations in position 19° 52'.91 S 114° 04'.05 E.

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

224(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwards
Former Notice - 178(T)/2013 is cancelled
Date - Until 15 March 2013
Australian Maritime Safety Authority Aus coast Warning 43/2013 (AA652530), MODU *Atwood Falcon* (AA654017)

Drill rig *Atwood Falcon* is conducting drilling operations in position 21° 20'.96 S 114° 04'.41 E.

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

226(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards
Former Notice - 67(T)/2013 is cancelled
Date - Until 15 April 2013
Australian Maritime Safety Authority Aus coast Warning 32/2013 (AA651420), MODU *Atwood Eagle* (AA651437)

Drill rig *Atwood Eagle* is conducting drilling operations in position 21° 21'.11 S 113° 31'.95 E.

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

227(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Pelsaert Bank - Seismic survey
Date - Until 8 March 2013
Murphy Oil Corporation (AA652321 - AA652323)

MV *Western Trident,* with a 8000m towed array, support vessels MV *Pacific Crest* and MV *Ando* and guard vessels MV *Kuri Pearl II* and MV *Clive James* are conducting a survey in the area bounded by the following positions:
29° 16'.98 S 114° 12'.60 E
29° 16'.74 S 114° 13'.80 E
29° 25'.02 S 114° 31'.14 E
30° 00'.84 S 114° 42'.90 E
30° 04'.50 S 114° 28'.08 E.

Chart temporarily affected - Aus 333 - Aus 752 - Aus 753

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

269(T)/2013 AUSTRALIA - TIMOR SEA - Sahul Banks - Mooring buoy off station
PTTEP Australasia (AA655963, AA656107)

The lit riser turret mooring buoy, *Mo(U)Y.15s,* is off station and an obstruction with least depth *45m* 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

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

272(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwestwards
Former Notice - 222(T)/2013 is cancelled
Australian Maritime Safety Authority Aus coast Warning 41/2013 (AA652289), MODU *ENSCO 104* (AA652538)

Drill rig *ENSCO 104* is conducting drilling operations in position 20° 17'.36 S 116° 16'.51 E.

Chart temporarily affected - Aus 327 - Aus 742

311(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Wessel to James Price Point - Seismic survey
Date - Until 26 April 2013
Seabird Exploration FZ-LLC (AA653564)

SV *Aquila Explorer* is conducting a survey running lines between:

SOL	*EOL*
17° 31'.62 S 122° 02'.42 E	15° 29'.65 S 118° 13'.32 E

17° 07'.53 S 118° 24'.56 E
11° 37'.55 S 122° 32'.90 E
15° 39'.16 S 123° 37'.25 E
12° 25'.61 S 121° 10'.35 E
13° 30'.21 S 126° 11'.84 E
13° 48'.59 S 128° 37'.09 E
13° 35'.27 S 127° 20'.60 E
11° 26'.69 S 129° 54'.88 E
10° 50'.30 S 127° 52'.16 E
9° 19'.87 S 130° 40'.41 E
10° 36'.28 S 126° 05'.21 E
13° 42'.44 S 125° 52'.40 E
12° 47'.10 S 119° 30'.19 E
14° 34'.40 S 124° 46'.76 E
11° 14'.42 S 124° 24'.19 E
14° 22'.29 S 129° 03'.74 E
12° 05'.11 S 129° 49'.94 E
9° 24'.99 S 128° 08'.63 E
11° 12'.46 S 128° 24'.16 E
11° 21'.94 S 135° 57'.47 E.

Chart temporarily affected - Aus 43 - Aus 306 - Aus 309 - Aus 310 - Aus 311 - Aus 312 - Aus 314 - Aus 315 - Aus 316 - Aus 317 - Aus 318 - Aus 319 - Aus 320 - Aus 321 - Aus 322 - Aus 323 - Aus 324 - Aus 325 - Aus 714 - Aus 716 - Aus 717 - Aus 718 - Aus 719 - Aus 725 - Aus 726 - Aus 727 - Aus 728 - Aus 729 - Aus 732 - Aus 4720 (INT 720) - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00306U - AX 00309T - AX 00309U - AX 00310U - AX 00311U - AX 00312U - AX 00314U - AX 00315U - AX 00317U - AX 00319U - AX 00321U - AX 00322U - AX 04720U - AX 04721U - AX 04722U

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

315(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - West Reef to Fly Island - Scientific instruments
Former Notice - 273(T)/2013 is cancelled
Date - Until 29 February 2016
Department of Transport WA Notices 45/2013 (AA657609)

Scientific instruments marked by special spar light buoys, *Fl.Y.6s,* exist in the following positions:
21° 19'.59 S 115° 23'.48 E
21° 27'.07 S 115° 02'.05 E
21° 29'.00 S 115° 01'.54 E
21° 29'.94 S 114° 51'.33 E
21° 30'.45 S 115° 11'.73 E
21° 31'.62 S 115° 08'.13 E
21° 32'.05 S 115° 03'.16 E
21° 33'.30 S 115° 04'.14 E
21° 34'.01 S 115° 00'.98 E
21° 34'.78 S 114° 54'.48 E
21° 36'.48 S 115° 04'.31 E
21° 37'.87 S 114° 41'.40 E
21° 43'.09 S 114° 46'.22 E
21° 49'.95 S 114° 37'.55 E.
21° 19'.69 S 115° 09'.41 E
21° 28'.48 S 115° 18'.14 E
21° 29'.19 S 115° 12'.91 E
21° 30'.10 S 114° 55'.46 E
21° 31'.22 S 115° 05'.62 E
21° 31'.81 S 114° 46'.23 E
21° 32'.82 S 115° 04'.61 E
21° 34'.15 S 115° 03'.42 E
21° 34'.22 S 115° 01'.83 E
21° 35'.35 S 114° 56'.40 E
21° 36'.52 S 115° 09'.24 E
21° 38'.93 S 114° 55'.54 E
21° 48'.62 S 114° 34'.28 E

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

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

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:

		Metres	*Remarks*
*	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:

Berth	*Metres*
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

825(P)/2012 AUSTRALIA - SOUTH AUSTRALIA - Tungketta Reef - Wave energy barge
Date - On or about 24 August 2012
Department of Planning, Transport and Infrastructure SA Notice 22/2012 (AA616028), Waverider Energy (AA617103, AA617104)

A wave energy barge, lit *F.3M,* will be established in position 33° 44'.96 S 134° 59'.94 E.

Chart which will be affected – Aus 342

1223(P)/2012 AUSTRALIA - SOUTH AUSTRALIA - Franklin Harbor - Navaids
Date - On or about 31 January 2013
Department of Planning, Transport and Infrastructure SA Notice 35/2012 (AA638421)

Navaid upgrade works are in progress in Franklin Harbor (33° 43'.0 S 136° 57'.5 E)

Mariners are advised to navigate with caution in the area.

Chart which will be affected – Aus 777

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)

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:

Berth	*Metres*
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

1100(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Princes Pier - Harbour works
Former Notice - 223(T)/2008 is cancelled
Date - Until 30 June 2011
Victorian Notice 94(T)/2010 (AA496795)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154 - Aus 155

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:

Position	*Remarks*
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, *Fl.Y.7s,* 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, *Fl.Y.7s,* 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, *Fl.Y.7s,* 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, *Fl.Y.7s,* 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, *Fl.Y.7s,* 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:

Identification message	*Position*
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

77(T)/2013 AUSTRALIA - VICTORIA - The Narrows - San Remo - Shoaling
Victorian Notice 191(T)/2012 (AA644540)

Shoaling with a least depth of *-0.1m* exists at the jetty in position 38° 31'.22 S 145° 21'.89 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 150

180(T)/2013 AUSTRALIA - VICTORIA - St Kilda - Harbour works
Date - Until 30 October 2013
Victorian Notice 19(T)/2013 (AA649627)

Works associated with the development of a northern and southern breakwater and installation of piles 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 construction zone exist in the following positions:
37° 51'.91 S 144° 58'.01 E
37° 51'.90 S 144° 57'.93 E
37° 51'.85 S 144° 57'.86 E
37° 51'.83 S 144° 57'.84 E
37° 51'.80 S 144° 57'.88 E
37° 51'.70 S 144° 57'.86 E
37° 51'.66 S 144° 57'.76 E
37° 51'.64 S 144° 57'.74 E
37° 51'.64 S 144° 57'.86 E
37° 51'.64 S 144° 57'.94 E
37° 51'.66 S 144° 57'.95 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

181(T)/2013 AUSTRALIA - VICTORIA - Kilcunda - Works
Date - Until 31 March 2013
Victorian Notice 21/2013 (AA650437)

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

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

278(T)/2013 AUSTRALIA - VICTORIA - Queenscliff - Dredging operations
Date - Until 11 April 2013
Victorian Notice 31/2013 (AA656395)

Dredging operations are in progress within the eastern basin of the marina (38° 15'.87 S 144° 40'.25 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143

280(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Yorkies Rock - Light buoy off station
Victorian Notice 29(T)/2013 (AA656460)

The isolated danger light buoy, *Fl(2)10s* (37° 57'.13 S 144° 59'.68 E), is off station.

Chart temporarily affected - Aus 155

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

320(T)/2013 AUSTRALIA - VICTORIA - The Narrows - San Remo - Dredging operations
Victorian Notice 38(T)/2013 (AA661016)

Dredging operations are in progress within the vicinity of San Remo Jetty (38° 31'.21 S 145° 21'.89 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 150

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:

Position	*Characteristic*
42° 56'.2 S 147° 37'.2 E	*Iso.4s*
42° 58'.2 S 147° 34'.0 E	*Oc.3s.*

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

1228(T)/2012 AUSTRALIA - TASMANIA - Dorman Point - Scientific instrument
Former Notice - 419(T)/2012 is cancelled
Date - Until 30 April 2013
Marine and Safety Tasmania Notice 44/2012 (AA593987, AA640514)

A scientific instrument marked by special conical buoy exists in position 42° 54'.00 S 147° 44'.49 E

Chart temporarily affected – Aus 171 – Aus 796

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

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:

Location	*Position*
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

National Maritime Safety Authority PNG Notice 25(T)/2012 (AA600496)

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 - Navaids to be established
Date - On or about 1 November 2012
ExxonMobil Australia (AA604216, AA604217)

Light beacons and light buoys will be established as follows:

Name	*Position*	*Characteristic*	*Remarks*
R1	9° 17'.90 S 146° 55'.75 E	*Fl.R.3s*	
R3	9° 18'.10 S 146° 57'.26 E	*Fl.R.3s*	
R5	9° 18'.43 S 146° 58'.35 E	*Q.R*	
R7	9° 19'.12 S 146° 58'.78 E	*Fl.R.3s*	
R9	9° 19'.62 S 146° 58'.94 E	*Fl.R.3s*	
G2	9° 18'.31 S 146° 55'.72 E	*Fl.G.3s*	
G4	9° 18'.54 S 146° 57'.25 E	*Fl.G.3s*	
G6	9° 18'.82 S 146° 58'.10 E	*Fl.G.3s*	
G8	9° 19'.34 S 146° 58'.45 E	*Fl.G.3s*	
G10	9° 19'.76 S 146° 58'.57 E	*Fl.G.3s*	
Y11	9° 20'.07 S 146° 59'.10 E	*Fl.Y.3s*	special buoy
Y12	9° 20'.15 S 146° 58'.64 E	*Fl.Y.3s*	special buoy
TB1	9° 20'.40 S 146° 58'.72 E	*Q.Y*	special buoy
TB2	9° 20'.71 S 146° 59'.01 E	*Q.Y*	special buoy
RL1	9° 18'.58 S 146° 59'.47 E	*Iso.4s*	
RL2	9° 17'.98 S 146° 58'.19 E	*F.Bu*	
FL1	9° 18'.54 S 146° 59'.16 E	*Q*	
FL2	9° 18'.05 S 146° 58'.21 E	*F.Bu*	

Chart which will be affected – Aus 379

873(T)/2012 PACIFIC OCEAN - Scientific instruments
Former Notice - 829(T)/2012 is cancelled
JAMSTEC (AA620015, AA620016)

Scientific instruments, Triton buoys, exist as follows:

Number	*Position*
4	0° 00'.97 S 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 S 147° 00'.68 E.

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

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:

Position	*Remarks*
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, *Q.Y*
6° 44'.83 S 146° 59'.06 E	special pillar light buoy, *Q.Y*
6° 44'.83 S 146° 58'.51 E	special pillar light buoy, *Q.Y*
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

57(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Goaribari Island to Boera - Cable laying operations
Date - Until 28 February 2013
National Maritime Safety Authority Notice 1/2013 (AA645989)

Vessel *Ile de Re* is laying a cable adjacent to the gas pipeline between the following positions;
8° 09'.09 S 144° 31'.09 E
8° 07'.02 S 145° 16'.09 E
8° 25'.01 S 146° 08'.57 E
9° 04'.24 S 146° 35'.83 E
9° 12'.39 S 146° 48'.32 E
9° 18'.50 S 146° 53'.16 E
9° 19'.87 S 147° 00'.16 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 378 – Aus 379 – Aus 502

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)

EAST TIMOR

NIL

MISCELLANEOUS

966(T)/2012 AUSTRALIA - Summer time
Australian Government (AA624904)

Clocks will be advanced one hour at 0200 local time on 7 OCT 2012 and retarded one hour on 7 APR 2013 in the Australian Capital Territory, New South Wales, South Australia, Victoria and Tasmania.

No changes will be made in Queensland, Northern Territory and Western Australia.