

TEMPORARY AND PRELIMINARY NOTICES
In force on 17 November 2017

NEW SOUTH WALES

43(T)/2015 AUSTRALIA - NEW SOUTH WALES - Clarence River - Harwood - Obstructions
Port of Clarence River (Yamba) 002(T)/2015

Underwater obstructions exists in the vicinity of 29° 25'.52 S 153° 16'.06 E.

Chart temporarily affected - Aus 222

680(T)/2015 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Dredging operations; light withdrawn
Former Notice - 627(T)/2015 is cancelled
Port Kembla Port Corporation Notice 2/2015, 3/2105

Dredging operations are in progress at 103 berth (34° 27'.17 S 150° 53'.76 E).

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

34° 27'.36 S 150° 53'.63 E
34° 27'.82 S 150° 53'.79 E
34° 27'.90 S 150° 54'.58 E
34° 28'.38 S 150° 54'.68 E
34° 28'.27 S 150° 54'.50 E

Spoil will be deposited in an area to the west of No4 Jetty, enclosed by a silt curtain marked by special light buoys, Q.Y.

The rear lead, *F.Bu* (34° 26'.92 S 150° 53'.70 E) has been temporarily withdrawn.

Chart temporarily affected - Aus 194 - Aus 195

400(T)/2016 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Exclusion zone
Port Authority of New South Wales

A 50m exclusion zone exists around the northern end of berth 206 (34° 28'.26 S 150° 54'.67 E).

Mariners are not to enter the area without obtaining permission from the Harbour Master or VTIC.

Chart temporarily affected - Aus 194

461(T)/2016 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Shark Island - Light buoys withdrawn
Australian Maritime Warfare Centre

Special light buoys, *Fl.Y.5s*, in the following positions have been temporarily withdrawn:

33° 51'.33 S 151° 15'.51 E
33° 51'.37 S 151° 15'.50 E
33° 51'.57 S 151° 15'.61 E
33° 51'.58 S 151° 15'.66 E.

Chart temporarily affected - Aus 200 - Aus 201

653(T)/2016 AUSTRALIA - NEW SOUTH WALES - Green Cape - Light buoy off station eastwards
Manly Hydraulics Laboratory

The special light buoy, *Fl(5)Y.20s* (37° 15'.94 S 150° 11'.62 E), is off station.

Chart temporarily affected - Aus 806

709(T)/2016 AUSTRALIA - NEW SOUTH WALES - Cape Byron - Obstructions eastwards
HMAS *Gascoyne*

Obstructions exist in positions 28° 36'.20 S 153° 44'.30 E and 28° 36'.95 S 153° 44'.02 E.

Chart temporarily affected - Aus 813

823(P)/2016 AUSTRALIA - NEW SOUTH WALES - Clarence River - Yamba - Shoaling
Port Authority of New South Wales

Shoaler depths than those charted exist in the entrance to Clarence River (29° 25'.6 S 153° 22'.3 E).

Shoaling has extended the 2m bank southeastwards, with a least depth of 1.8m marking the southern limit in position 29° 25'.04 S 153° 21'.02 E.

Note: Chart to be updated in due course.

Chart which will be affected - Aus 222

965(T)/2016 AUSTRALIA - NEW SOUTH WALES - Batemans Bay - Dredging operations
H Smith

Dredging operations of the Clyde River bar are in progress between positions 35° 43'.21 S 150° 12'.25 E and 35° 42'.17 S 150° 10'.74 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 191

966(T)/2016 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Munganno Point - Berth damaged
Port Authority of New South Wales Notice PA6/2016, PA8/2016

The Wood Chip Berth (37° 06'.08 S 149° 55'.62 E) has been damaged.

Debris exists in two areas marked by unlit white buoys bounded by the following positions:

37° 06'.02 S 149° 55'.66 E
37° 06'.06 S 149° 55'.65 E
37° 06'.03 S 149° 55'.61 E;
and
37° 06'.09 S 149° 55'.63 E
37° 06'.10 S 149° 55'.65 E
37° 06'.18 S 149° 55'.62 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 192

1035(T)/2016 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Scientific instruments
Port Authority of New South Wales Notice PA0916, PA1016

Subsurface scientific instruments exist on the seabed as follows:

<i>Position</i>	<i>Remarks</i>
37° 04'.59 S 149° 54'.43 E	
37° 04'.87 S 149° 53'.47 E	
37° 05'.14 S 149° 57'.66 E	marked by special light buoy, Q.Y

Chart temporarily affected - Aus 192

1073(T)/2016 AUSTRALIA - NEW SOUTH WALES - Crowdy Head - Light buoy off station
Manly Hydraulics Laboratory

The special light buoy, *Fl(5)Y.20s* (31° 48'.83 S 152° 51'.39 E), is off station.

Chart temporarily affected - Aus 811

65(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Darling Harbour - Harbour works
Port Authority of New South Wales Notice 3/2017

Harbour works are in progress in an area marked by special light buoys, *Fl.Y.5s*, in the following positions:

33° 51'.84 S 151° 12'.04 E
33° 51'.84 S 151° 12'.01 E
33° 51'.88 S 151° 12'.01 E

33° 51'.91 S 151° 12'.02 E
33° 51'.94 S 151° 12'.02 E
33° 51'.95 S 151° 12'.02 E.

Anchors have been deployed in positions 33° 51'.82 S 151° 11'.96 E and 33° 51'.96 S 151° 11'.97 E. The anchor wires are marked by a special light buoy where there is less than 5m of water over the wires. Vessels are not to pass between the special buoys and the barge.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202

175(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Western Channel - Scientific instrument
Port Authority of New South Wales Notice 7/2017

A special light buoy, *Fl.Y.5s*, exists in position 33° 50'.48 S 151° 15'.87 E.

Chart temporarily affected - Aus 200 - Aus 201

213(T)/2017 AUSTRALIA - NEW SOUTH WALES - Clarence River - Harwood - Harbour works
NSW Roads and Maritime Services Notice NH1723

Harbour works associated with the construction of a new bridge, immediately downstream of the existing bridge (29° 25'.80 S 153° 14'.45 E), are in progress.

The main lifting span will be marked by buoys and will remain open to navigation. Navigable spans under and areas around the bridge may be closed to navigation.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 222 - Aus 812 - Aus 813

325(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Milsons Point - Harbour works
Port Authority of New South Wales Notice 13/2017

Harbour works are in progress in area bounded by the following positions:

33° 51'.08 S 151° 12'.61 E
33° 51'.02 S 151° 12'.70 E
33° 50'.94 S 151° 12'.62 E
33° 51'.00 S 151° 12'.53 E.

Barges involved in the works will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202

515(T)/2017 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Captains Point - Light unlit
HMAS *Warramunga*, HMAS *Creswell*

The light, *Fl.WR.5s No2* (35° 08'.01 S 150° 43'.01 E), is unlit.

Chart temporarily affected - Aus 193

559(T)/2017 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Scientific instruments
Port Authority of New South Wales Notice PA2/2017

Special conical buoys exist in the following positions:

37° 05'.21 S 149° 53'.11 E
37° 04'.57 S 149° 53'.98 E
37° 04'.24 S 149° 54'.12 E
37° 04'.57 S 149° 54'.57 E.

Chart temporarily affected - Aus 192

706(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Seafourth Bluff to Manns Point - Scientific instruments

Port Authority of New South Wales 16/2017

Subsurface scientific instruments marked by special light buoys, Q.Y, exist in the following positions:

33° 50'.62 S 151° 11'.20 E

33° 50'.50 S 151° 11'.42 E

33° 48'.23 S 151° 14'.59 E

33° 48'.28 S 151° 14'.14 E

Chart temporarily affected - Aus 200 - Aus 202

742(T)/2017 AUSTRALIA - NEW SOUTH WALES - Tasman Sea - Scientific Survey

Australian Maritime Safety Authority Auscoast Warning 161/2017

SPV *Investigator* is towing and deploying scientific equipment in an area bounded by the following positions:

36° 30'.0 S 150° 20'.0 E

36° 30'.0 S 156° 00'.0 E

29° 16'.0 S 156° 00'.0 E

29° 16'.0 S 150° 20'.0 E.

Mariners are advised to navigate with caution in the area. 2M clearance requested.

Chart temporarily affected - Aus 191 - Aus 193 - Aus 194 - Aus 195 - Aus 196 - Aus 197 - Aus 198 - Aus 200 - Aus 201 - Aus 202 - Aus 203 - Aus 204 - Aus 207 - Aus 208 - Aus 209 - Aus 215 - Aus 216 - Aus 217 - Aus 219 - Aus 220 - Aus 221 - Aus 222 - Aus 489 - Aus 806 - Aus 807 - Aus 808 - Aus 809 - Aus 810 - Aus 811 - Aus 812 - Aus 813 - Aus 4060 (INT 60) - Aus 4601 (INT 601) - Aus 4602 (INT 602) - Aus 4643 (INT 643)

789(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Glebe Island - Harbour works

Port Authority of New South Wales Notice 18/2017

Repair works on the Glebe Island Bridge (33° 52'.10 S 151° 11'.15 E) are in progress.

Navigation will be restricted one channel at a time in the western and eastern channels, with appropriate shapes and marks displayed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202

831(T)/2017 AUSTRALIA - NEW SOUTH WALES - NEW ZEALAND - NOUVELLE CALEDONIE - Fiji Islands - Cable operations

TE SubCom

Vessel CS *Responder* is conducting submarine cable laying operations between the following positions:

33° 55'.59 S 151° 15'.54 E

33° 58'.62 S 151° 21'.17 E

34° 10'.93 S 151° 27'.00 E

34° 19'.00 S 151° 36'.76 E

34° 35'.90 S 152° 03'.61 E

34° 44'.17 S 152° 30'.47 E

34° 52'.90 S 153° 37'.47 E

34° 10'.53 S 154° 48'.90 E

33° 37'.23 S 156° 39'.12 E

32° 49'.02 S 158° 21'.74 E

32° 29'.32 S 160° 30'.40 E

31° 35'.41 S 163° 51'.66 E

28° 43'.39 S 167° 24'.90 E

26° 09'.08 S 171° 07'.87 E

25° 17'.87 S 171° 58'.57 E

24° 53'.74 S 173° 15'.66 E

22° 23'.79 S 176° 56'.83 E

19° 46'.50 S 179° 50'.12 E;

and

27° 44'.61 S 168° 50'.86 E

28° 45'.31 S 169° 35'.71 E
 29° 08'.37 S 170° 22'.22 E
 30° 17'.91 S 170° 55'.74 E
 32° 43'.78 S 174° 16'.63 E
 33° 44'.50 S 174° 59'.16 E
 35° 30'.00 S 175° 05'.16 E
 35° 58'.81 S 174° 51'.30 E
 36° 04'.34 S 174° 35'.55 E;
 and
 26° 39'.89 S 170° 14'.36 E
 25° 53'.90 S 169° 01'.51 E
 25° 11'.48 S 168° 26'.45 E
 24° 36'.89 S 166° 55'.17 E
 23° 33'.95 S 165° 41'.14 E
 22° 53'.90 S 165° 36'.50 E
 22° 33'.87 S 165° 52'.99 E
 22° 16'.14 S 166° 24'.74 E.

Mariners are advised to navigate with caution in the area. 2M clearance requested.

Chart temporarily affected - Aus 197 - Aus 198 - Aus 489 - Aus 609 - Aus 808 - Aus 4060 (INT 60) - Aus 4601 (INT 601) - Aus 4602 (INT 602) - Aus 4604 (INT 604) - Aus 4643 (INT 643)

909(T)/2017 AUSTRALIA - NEW SOUTH WALES - Ben Buckler - Scientific instruments southeastwards
 Sydney Institute of Marine Science

Subsurface scientific instruments exist as follows:

<i>Position</i>	<i>Metres below surface</i>
33° 53'.74 S 151° 17'.30 E	27
33° 53'.91 S 151° 17'.75 E	41
33° 54'.16 S 151° 18'.18 E	58
33° 54'.42 S 151° 18'.60 E	63
33° 54'.69 S 151° 19'.06 E	64
33° 54'.95 S 151° 19'.52 E	64
33° 55'.21 S 151° 19'.94 E	71
33° 55'.46 S 151° 20'.37 E	70
33° 55'.71 S 151° 20'.79 E	80
33° 55'.98 S 151° 21'.25 E	80
33° 56'.24 S 151° 21'.71 E	82
33° 56'.49 S 151° 22'.16 E	87
33° 56'.75 S 151° 22'.59 E	90
33° 57'.06 S 151° 23'.02 E	98
33° 57'.32 S 151° 23'.47 E	119
33° 57'.84 S 151° 24'.32 E	127
34° 01'.16 S 151° 29'.70 E	145
34° 01'.46 S 151° 30'.18 E	149

Chart temporarily affected - Aus 197 - Aus 200 - Aus 808

978(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Blues Point - Drilling operations
 Port Authority of New South Wales Notice 20/2017

Vessel *Starlight* will be conducting drilling operations in the vicinity of position 33° 51'.11 S 151° 12'.23 E, starting on 27 November.

The vessel will monitor VHF Ch 13 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202

QUEENSLAND

211(T)/2013 AUSTRALIA - QUEENSLAND - Fitzroy River - Wreck Maritime Safety Queensland Notice 166(T)/2013

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

1214(T)/2013 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Scientific instrument *Former Notice - 926(T)/2011 is cancelled* Australian Institute of Marine Science

A subsurface scientific instrument, depth 10m, exists in position 19° 18'.25 S 147° 37'.23 E.

Chart temporarily affected - Aus 826 - Aus 827

1274(T)/2013 AUSTRALIA - QUEENSLAND - Two Islands - Wreck Maritime Safety Queensland Notice 933(T)/2013

A wreck exists in position 15° 01'.72 S 145° 28'.01 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 831 - Aus 832

379(T)/2014 AUSTRALIA - QUEENSLAND - Magnetic Island - Bremner Point - Scientific instrument Maritime Safety Queensland 91(T)/2014

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

Chart temporarily affected - Aus 256

579(T)/2014 AUSTRALIA - QUEENSLAND - Gladstone - Scientific instruments Maritime Safety Queensland Notices 260(T)/2014, 298(T)/2014

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

23° 46'.39 S 151° 22'.85 E
23° 50'.24 S 151° 27'.14 E
23° 55'.00 S 151° 21'.52 E
23° 57'.43 S 151° 30'.18 E.

Special buoys exist in positions 23° 48'.21 S 151° 12'.52 E and 23° 52'.04 S 151° 24'.38 E.

Chart temporarily affected - Aus 245 - Aus 246 - Aus 819

740(T)/2014 AUSTRALIA - QUEENSLAND - Moreton Bay - Coochiemudlo Island - Wreck Maritime Safety Queensland Notice 432(T)/2014

A stranded wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 27° 33'.94 S 153° 20'.40 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

912(T)/2014 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoy off station eastwards *Former Notice - 866(T)/2014 is cancelled* Australian Institute of Marine Science

The isolated danger light buoy, *Fl(2)5s* (19° 18'.12 S 147° 37'.05 E), is off station; a special pillar light buoy, *Fl(2)5s*, exists in situ.

Chart temporarily affected - Aus 826 - Aus 827

1072(T)/2014 AUSTRALIA - QUEENSLAND - Magnetic Island - Scientific instrument
Maritime Safety Queensland Notice 634(T)/2014

A scientific instrument marked by a special light buoy, *Fl. Y. 4s*, exists in position 19° 08.10 S 146° 56'.20 E.

Chart temporarily affected - Aus 256

376(T)/2015 AUSTRALIA - QUEENSLAND - Red Island Point - Light buoys unlit
Maritime Safety Queensland Notice 082(T)/2015

The following light buoys are unlit:

<i>Position</i>	<i>Remarks</i>
10° 49'.71 S 142° 21'.37 E	<i>Fl. R 2-5s No2</i>
10° 50'.05 S 142° 22'.24 E	<i>Fl. R 2-5s No4</i>
10° 50'.31 S 142° 22'.24 E	<i>Fl. R 2-5s No6</i>

Chart temporarily affected - Aus 294

639(T)/2015 AUSTRALIA - CORAL SEA - Bampton Reef - Light buoy off station northwards
Australian Bureau of Meteorology

The light buoy, *Fl. Y. 2s* (15° 47'.5 S 158° 23'.3 E), is off station.

Chart temporarily affected - Aus 4604 (INT 604) - AX 04604U

743(T)/2015 AUSTRALIA - QUEENSLAND - Lucinda - Light buoy off station; light buoy unlit
Maritime Safety Queensland Notice 198(T)/2015

The starboard lateral light buoy, *Fl. G. 3s No13*, (18° 29'.59 S 146° 16'.40 E) is off station.

The isolated danger light buoy, *Fl(2)4s*, (18° 31'.29 S 146° 19'.04 E) is unlit.

Chart temporarily affected - Aus 259 - Aus 267

1005(T)/2015 AUSTRALIA - QUEENSLAND - Boyd Point - Scientific instruments
Maritime Safety Queensland Notice 266(T)/2015, Maritime Operations

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
12° 53'.07 S 141° 39'.85 E	special spherical buoy, <i>Fl. Y. 4s</i>
12° 54'.58 S 141° 37'.73 E	special spherical buoy, <i>Fl. Y. 4s</i>
12° 56'.86 S 141° 35'.98 E	special spherical buoy, <i>Fl. Y. 4s</i>
12° 57'.63 S 141° 34'.63 E	special spherical buoy, <i>Fl. Y. 4s</i>
12° 53'.09 S 141° 39'.85 E	special spherical buoy, <i>Fl. Y. 4s</i>
12° 56'.41 S 141° 26'.87 E	special spherical buoy, <i>Fl. Y. 4s</i>
13° 00'.15 S 141° 34'.55 E	special spherical buoy, <i>Fl. Y. 4s</i>

A 200m exclusion zone exists around each buoy.

Chart temporarily affected - Aus 301

1369(T)/2015 AUSTRALIA - QUEENSLAND - Hinchinbrook Island - Missionary Bay - Light buoy withdrawn
Maritime Safety Queensland Notice 355(T)/2015

The special light buoy, *Fl. Y. 4s* (18° 12'.34 S 146° 09'.36 E), has been temporarily withdrawn.

Chart temporarily affected - Aus 828

67(T)/2016 AUSTRALIA - QUEENSLAND - Karumba - Shoaling
Maritime Safety Queensland Notice 2(T)/2016

Shoaling exists in the entrance channel between beacon No6 (17° 26'.08 S 140° 44'.22 E) and beacon No12 (17° 26'.65 S 140° 45'.51 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 6

84(T)/2016 AUSTRALIA - TORRES STRAIT - Kai-Maituine Reef - Wreck
Australian Maritime Safety Authority

A stranded wreck exists in position 10° 15'.20 S 143° 06'.55 E.

Chart temporarily affected - Aus 839

301(T)/2016 AUSTRALIA - QUEENSLAND - Whitsunday Island - Frith Rock - Wreck
Former Notice - 267(T)/2016 is cancelled
Maritime Safety Queensland Notice 73(T)/2016

A wreck exists in position 20° 18'.65 S 149° 04'.10 E.

Mariners are advised to navigate with caution in the area.

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

358(T)/2016 AUSTRALIA - TORRES STRAIT - Darnley Island - Wreck
Maritime Safety Queensland Notice 571(T)/2014

A stranded wreck exists in position 9° 35'.54 S 143° 47'.00 E.

Chart temporarily affected - Aus 377 - Aus 840

401(T)/2016 AUSTRALIA - QUEENSLAND - Hay Point - Scientific instrument
Former Notice - 951(T)/2015 is cancelled
Maritime Safety Queensland Notice 114/2016

A scientific instrument marked by a special light buoy, *Fl.4s*, exists in position 21° 15'.84 S 149° 18'.11 E.

Chart temporarily affected - Aus 250

410(T)/2016 AUSTRALIA - TORRES STRAIT - Talbot Islands to Deliverance Island - Obstructions
Maritime Safety Queensland Notice 103(T)/2016

Obstructions exist in positions 9° 29'.08 S 141° 35'.11 E and 9° 18'.03 S 142° 05'.12 E.

Chart temporarily affected - Aus 841 - Aus 842

467(T)/2016 AUSTRALIA - QUEENSLAND - North Gardner Bank - Wreck
Maritime Safety Queensland Notice 221(T)/2016

A wreck exists in position 24° 55'.51 S 153° 25'.86 E.

Mariners are advised to give the wreck a wide berth and navigate with caution in the area.

Chart temporarily affected - Aus 816

469(T)/2016 AUSTRALIA - QUEENSLAND - Townsville - Harbour works
Maritime Safety Queensland Notice 219(T)/2016

Harbour works associated with the upgrade to berth 4 (19° 15'.07 S 146° 50'.08 E) are in progress.

Vessels will monitor VHF channels 12 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

513(T)/2016 AUSTRALIA - QUEENSLAND - Townsville - Harbour works
Maritime Safety Queensland Notice 240(T)/2016

Harbour works are in progress in the vicinity of position 19° 14'.64 S 146° 49'.99 E.

Vessels will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

568(T)/2016 AUSTRALIA - QUEENSLAND - Gladstone - Calliope River - Harbour works
Maritime Safety Queensland Notice 249(T)/2015

Harbour works associated with the remediation of the wharf (23° 49'.55 S 151° 12'.97 E) are in progress.

Scaffolding marked by yellow lights exists around the outer piles (23° 49'.54 S 151° 13'.01 E)

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 245 - Aus 271

605(T)/2016 AUSTRALIA - QUEENSLAND - Bundaberg - Middle Reach - Shoaling
Maritime Safety Queensland

Shoaling, with a least depth of *0.7m*, exists in the vicinity of position 24° 45'.27 S 152° 23'.82 E.

Chart temporarily affected - Aus 242

606(T)/2016 AUSTRALIA - QUEENSLAND - Bunker Group - Lady Musgrave Island - Foul ground westwards
Maritime Safety Queensland Notice 277(T)/2016

A foul ground exists in position 23° 57'.34 S 152° 06'.91E.

Chart temporarily affected - Aus 490 - Aus 818 - Aus 819

659(T)/2016 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instruments
Maritime Safety Queensland Notices 287, 288(T)/2016

Subsurface scientific instruments exist in the following positions:

19° 54'.28 S 148° 08'.51 E

19° 50'.66 S 148° 00'.46 E

19° 53'.53 S 147° 56'.21 E

19° 50'.50 S 147° 54'.35 E

19° 44'.15 S 148° 21'.56 E

19° 52'.30 S 148° 06'.29 E.

Chart temporarily affected - Aus 255 - Aus 268 - Aus 825 - Aus 826

661(T)/2016 AUSTRALIA - QUEENSLAND - Fitzroy River - South Channel - Scientific instrument
Maritime Safety Queensland Notice 285(T)/2016

A special buoy exists in position 23° 30'.23 S 150° 45'.33 E.

Chart temporarily affected - Aus 819

664(T)/2016 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Mary River - Heath Reach - Scientific instrument
Maritime Safety Queensland Notice 286(T)/2016

A special buoy exists in position 25° 30'.10 S 152° 47'.22 E.

Chart temporarily affected - Aus 241

665(T)/2016 AUSTRALIA - QUEENSLAND - Hay Point - Light unlit

Maritime Safety Queensland Notice 302(T)/2016

The light, *Dir.Iso.WRG.4s 11m* (21° 17'.33 S 149° 17'.94 E), is unlit.

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

666(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly Boat Harbour - Shoaling

Maritime Safety Queensland Notice 301(T)/2016

Shoaling, with a least depth of *1.8m*, exists within the entrance to Manly Boat Harbour (27° 27'.13 S 153° 11'.51 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

672(T)/2016 AUSTRALIA - QUEENSLAND - Townsville - Light buoys withdrawn

Maritime Safety Queensland Notice 291(T)/2016

The special light buoys, *Fl.Y.4s*, in positions 19° 14'.58 S 146° 50'.37 E and 19° 14'.61 S 146° 50'.35 E have been temporarily withdrawn.

Chart temporarily affected - Aus 257

714(T)/2016 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Scientific instruments

Maritime Safety Queensland

Subsurface scientific instruments exist on the seabed in positions 27° 00'.21 S 153° 05'.70 E and 27° 05'.22 S 153° 09'.32 E.

Chart temporarily affected - Aus 235 - Aus 236

833(T)/2016 AUSTRALIA - QUEENSLAND - Thursday Island - Port Kennedy - Dolphin damaged

Maritime Safety Queensland Notice 332(T)/2016

The dolphin has collapsed and an isolated danger light buoy, *Fl(2)4s*, exists in position 10° 35'.20 S 142° 13'.27 E.

Mariners are advised to navigate with caution in the area and a 50m clearance from the buoy should be given to avoid collision with the dolphin at low tide.

Chart temporarily affected - Aus 293 - Aus 299

884(T)/2016 AUSTRALIA - QUEENSLAND - Bowen - Stone Island - Light beacon destroyed

Maritime Safety Queensland Notice 343(T)/2016

The isolated danger light beacon, *Iso.2s N2* (20° 01'.27 S 148° 16'.97 E), has been destroyed. A virtual isolated danger mark, *STONE IS.ISO DANG N2*, exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 268

926(T)/2016 AUSTRALIA - QUEENSLAND - Cooktown - Obstruction

Maritime Safety Queensland Notice 363/2016

An underwater obstruction, least depth *2.1m*, exists in the vicinity of position 15° 27'.257 S 145° 15'.326 E.

Chart temporarily affected - Aus 270

968(T)/2016 AUSTRALIA - QUEENSLAND - Bowen - Harbour works

Maritime Safety Queensland Notice 380(T)/2016

Harbour works including construction and diving operations are in progress between positions 20° 01'.35 S 148° 15'.39 E and 20° 01'.15 S 148° 15'.40 E.

Barges *PMG 122*, *PMG Swordfish* and vessel *Titan* are on site and will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 268

971(P)/2016 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Shoaling

Maritime Safety Queensland

Latest survey shows shoaler depths than those charted may exist in the area of Ship Channel (25° 10'.0 S 152° 52'.3 E) and Great Sandy Strait (25° 19'.5 S 153° 00'.7 E).

Charts will updated in due course.

Chart which will be affected - Aus 241 - Aus 817

1122(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoy

Maritime Safety Queensland Notice 406(T)/2016

A starboard lateral pillar light buoy, *Fl.G.2-5s*, exists in position 27° 02'.90 S 153° 16'.30 E.

Chart temporarily affected - Aus 235 - Aus 236

1181(T)/2016 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works; light beacon withdrawn

Former Notice - 1036(T)/2016 is cancelled

Maritime Safety Queensland Notice 351(T)/2016, 365/2016

Works involving the construction of a new lead light and demolition of wharves are in progress between positions 27° 26'.50 S 153° 02'.81 E and 27° 26'.42 S 153° 03'.85 E.

Tugs and barges are on site and will display appropriate shapes and will monitor VHF Ch 12 and Ch 13.

A silt curtain exist in the area.

A 6 knot speed limit is in force for all vessels.

The starboard lateral light beacon, *Fl.G.2-5s* (27° 26'.42 S 153° 03'.85 E), has been removed.

Light buoys exist as follows:

<i>Position</i>	<i>Remarks</i>
27° 26'.43 S 153° 03'.78 E	special cylindrical, Q.Y
27° 26'.42 S 153° 03'.50 E	special cylindrical, Q.Y
27° 26'.40 S 153° 03'.25 E	special cylindrical, Q.Y
27° 26'.47 S 153° 02'.99 E	starboard lateral conical, <i>Fl.G.2.5s</i>
27° 26'.55 S 153° 03'.85 E	port lateral cylindrical, <i>Fl.R.2.5s</i>
27° 26'.46 S 153° 03'.87 E	starboard lateral conical, <i>Fl.G.2.5s</i>

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

1182(T)/2016 AUSTRALIA - QUEENSLAND - Gardner Bank - Wreck

Maritime Safety Queensland Notice 463(T)/2016

A wreck exists in position 25° 07'.85 S 153° 27'.38 E. Floating nets exist near the surface.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 816

1183(T)/2016 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Dayman Point - Wreck

Maritime Safety Queensland Notice 464(T)/2016

A wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 25° 16'.18 S 152° 54'.31 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 241 - Aus 817

1205(T)/2016 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works

Maritime Safety Queensland Notice 469(T)/2016

Harbour works are in progress at the Coal Wharf. A safe clearance of 30m exists around the wharf and the extent is marked by a special light buoy, *Q.Y.*, in position 27° 23'.33 S 153° 09'.50 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237

1207(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Scientific instrument

Maritime Safety Queensland Notice 478/2016

A scientific instrument exists on the seabed, with least depth 7m, in position 27° 20'.62 S 153° 13'.23 E.

Chart temporarily affected - Aus 236

1257(T)/2016 AUSTRALIA - QUEENSLAND - Weipa - Humbug Point to Hey Point - Harbour works

Former Notice - 1038(T)/2016 is cancelled

Maritime Safety Queensland Notice 72(T)/2016

Harbour works are in progress at Hey Point (12° 43'.80 S 141° 53'.60 E) and Humbug Point Wharf (12° 40'.11 S 141° 51'.77 E).

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

12° 40'.10 S 141° 51'.71 E

12° 40'.14 S 141° 51'.63 E

12° 40'.00 S 141° 51'.49 E

12° 39'.91 S 141° 51'.59 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 4

20(T)/2017 AUSTRALIA - QUEENSLAND - Hay Point - Obstructions

Maritime Safety Queensland Notice 10(T)/2017

Lost anchors and cables exist in the following positions:

21° 17'.15 S 149° 17'.91 E

21° 17'.15 S 149° 17'.81 E

21° 17'.21 S 149° 17'.91 E.

Chart temporarily affected - Aus 250

66(T)/2017 AUSTRALIA - QUEENSLAND - Brisbane River - Upper Lytton Reach - Light unlit

Maritime Safety Queensland Notice 23(T)/2017

The light, *F.Y Day* (27° 25'.60 S 153° 08'.12 E), is unlit.

Chart temporarily affected - Aus 238

68(T)/2017 AUSTRALIA - QUEENSLAND - Gladstone - Clinton Wharves - Harbour works

Maritime Safety Queensland Notice 27(T)/2017

Works associated with the construction of QGC/Santos LNG Terminal are in progress in the vicinity of position 23° 49'.3 S 151° 14'.5 E.

Temporary lights will mark piles, the silt curtain and all equipment involved in the works.

Vessels MT *Hammerhead*, MT *Sledgehammer*, *Lady Norman* and the barge *M1201* are on site and the tugs 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 - Aus 271

69(T)/2017 AUSTRALIA - QUEENSLAND - Mackay - Scientific instruments

Maritime Safety Queensland Notice 2(T)/2017

Scientific instruments marked by special light buoys, *Fl.4s*, exist in positions 21° 06'.52 S 149° 14'.54 E and 21° 05'.78 S 149° 13'.90 E.

Chart temporarily affected - Aus 249 - Aus 250

110(T)/2017 AUSTRALIA - QUEENSLAND - Hay Point - Obstruction

Maritime Safety Queensland Notice 38(T)/2017

Anchorage N26 (21° 10'.01 S 149° 26'.00 E) is closed due to a lost anchor.

Chart temporarily affected - Aus 249 - Aus 823

111(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Victoria Point - Beacon destroyed

Maritime Safety Queensland

The beacon (27° 34'.83 S 153° 19'.14 E) has been destroyed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

112(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - North Stradbroke Island - Canalpin - Wreck

Maritime Safety Queensland Notice 33(T)/2017

A wreck marked by a special light buoy, *Fl.Y.2.5s*, exists in position 27° 34'.41 S 153° 24'.56 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

176(T)/2017 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Scientific instrument

Maritime Safety Queensland

A special light buoy, *Q.Y*, exists in position 27° 28'.46 S 153° 01'.27 E.

Chart temporarily affected - Aus 238

179(T)/2017 AUSTRALIA - QUEENSLAND - Weipa - Embley River - Light buoy off station

Maritime Safety Queensland Notice 42(T)/2017

The special light buoy, *Fl.Y.2.5s A1* (12° 41'.72 S 141° 52'.76 E), is off station and in position 12° 41'.7 S 141° 52'.8 E.

Chart temporarily affected - Aus 4

215(T)/2017 AUSTRALIA - QUEENSLAND - Airlie Beach - Wreck

Maritime Safety Queensland

A stranded wreck exists in position 20° 16'.10 S 148° 41'.63 E.

Chart temporarily affected - Aus 252 - Aus 253

222(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - Ross Rover Channel - Scientific instrument

Maritime Safety Queensland Notice 64(T)/2017

A special light buoy, *Fl.Y.3s*, exists in position 19° 15'.17 S 146° 51'.03 E.

Chart temporarily affected - Aus 257

225(P)/2017 AUSTRALIA - CORAL SEA - Diamond Islets - Shoaling
LADS Flight

Shoaler depths than those charted exist in the vicinity of the Diamond Islets.

Charts will updated in due course.

Chart which will be affected - Aus 614 - Aus 4620 (INT 620) - Aus 4621 (INT 621)

252(T)/2017 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Nav aids off station
Maritime Safety Queensland Notice 87(T)/2017

Nav aids in the Burnett River (24° 45'.3 S 152° 24'.0 E) may be off station due to recent flooding.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

253(P)/2017 AUSTRALIA - QUEENSLAND - Cairns - Shoaling
Ports North

Shoaling which has extended the drying bank westwards exists between positions 16° 54'.25 S 145° 47'.43 E and 16° 53'.87 S 145° 47'.64 E.

Charts will be updated in due course.

Chart which will be affected - Aus 262 - Aus 263

255(P)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Shoaling
Maritime Safety Queensland

Latest survey shows shoaler depths than those charted may exist in North East Channel, in the area between NE3 light buoy (27° 04'.67 S 153° 21'.43 E) and NE2 light buoy (26° 57'.57 S 153° 20'.32 E).

Chart which will be affected - Aus 235 - Aus 236

291(T)/2017 AUSTRALIA - QUEENSLAND - Gladstone - North Channel - Shoaling
Maritime Safety Queensland Notice 111(T)/2017

Shoaling exists in the vicinity of light beacon N6 (23° 47'.14 S 151° 18'.39 E).

Mariners are advised to navigate with caution.

Chart temporarily affected - Aus 245

292(T)/2017 AUSTRALIA - QUEENSLAND - Hay Point - Obstruction
Maritime Safety Queensland Notice 128(T)/2017

Anchorage N3 (21° 11'.0 S 149° 22'.0 E) is closed due to a lost anchor.

Chart temporarily affected - Aus 249 - Aus 823

**293(T)/2017 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Lucinda to Haycock Island - Light buoy unlit;
light beacon unlit**
Maritime Safety Queensland Notice 127(T)/2017, 132(T)/2017

The special light buoy, *Fl.Y.2s* (18° 30'.75 S 146° 19'.09 E), is unlit.

The light beacon, *Fl.R.2·5s No14* (18° 28'.34 S 146° 13'.00 E), is unlit.

Chart temporarily affected - Aus 259 - Aus 267

326(T)/2017 AUSTRALIA - QUEENSLAND - Bowen - Port Denison - Light buoy off station
Maritime Safety Queensland

The light buoy, *Fl.R.4s M2* (20° 02'.38 S 148° 15'.70 E), is off station.

Chart temporarily affected - Aus 268

327(T)/2017 AUSTRALIA - QUEENSLAND - Mackay - Pioneer River - Light beacon destroyed
Maritime Safety Queensland Notice 117(T)/2017

The port lateral light beacon, *Fl.R.2·5s* (21° 08'.48 S 149° 11'.73 E), has been destroyed.

Chart temporarily affected - Aus 249

328(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Bribie Island - South Point - Light beacon destroyed
Maritime Safety Queensland Notice 142(T)/2017

The starboard lateral light beacon, *Fl.G.2·5s* (27° 06'.56 S 153° 10'.84 E), has been destroyed; a starboard lateral light buoy, *Fl.G.2·5s*, exists in situ.

Chart temporarily affected - Aus 236

369(T)/2017 AUSTRALIA - QUEENSLAND - Abbot Point - Light beacon destroyed
Maritime Safety Queensland

The east cardinal light beacon, *Q(3)10s* (19° 51'.12 S 148° 03'.89 E), has been destroyed; a special light buoy exists in position 19° 51'.05 S 148° 03'.95 E.

Chart temporarily affected - Aus 255 - Aus 826

370(T)/2017 AUSTRALIA - QUEENSLAND - Abbot Point - Nav aids off station; nav aids destroyed; depths unreliable; obstructions

Maritime Safety Queensland Notice 86(T)/2017

Nav aids at Abbot Point may be off station or destroyed due to a severe weather event. Depths may vary to those charted and underwater obstructions may exist.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 255 - Aus 826

372(T)/2017 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Light buoys

Former Notice - 258(T)/2016 is cancelled

Maritime Safety Queensland Notice 61(T)/2016, 146/2017

Light buoys exist as follows:

<i>Number</i>	<i>Position</i>	<i>Characteristics</i>
UC3	25° 09'.12 S 152° 50'.46 E	<i>Fl.G.2·5s</i>
UC1	25° 09'.10 S 152° 50'.54 E	<i>Fl.G.2·5s</i>
UC2	25° 08'.96 S 152° 50'.45 E	<i>Fl.R.2·5s</i>
S3	25° 12'.70 S 152° 54'.75 E	<i>Fl.G.2·5s</i>
NG1	25° 20'.20 S 153° 01'.40 E	<i>Fl.G.2·5s</i>

Chart temporarily affected - Aus 241 - Aus 817

375(P)/2017 AUSTRALIA - QUEENSLAND - Lucinda - Shoaling
Port of Townsville Limited

Shoaling, with least depth *1.8m*, exists in the vicinity of position 18° 31'.31 S 146° 20'.11 E.

Charts will be updated in due course.

Chart which will be affected - Aus 259 - Aus 267

376(T)/2017 AUSTRALIA - QUEENSLAND - Mackay - Slade Rock - Light buoy off station
Maritime Safety Queensland Notice 88(T)/2017

The port lateral light buoy, *Fl.R.2.5s* (21° 05'.15 S 149° 14'.29 E), is off station.

Chart temporarily affected - Aus 249 - Aus 250 - Aus 823 - Aus 824

377(T)/2017 AUSTRALIA - QUEENSLAND - Mackay - Traffic signal station unlit
Maritime Safety Queensland Notice 123(T)/2017

The traffic signal station (21° 06'.27 S 149° 13'.94 E) is unlit.

Chart temporarily affected - Aus 250

379(T)/2017 AUSTRALIA - QUEENSLAND - Proserpine River - Light beacon unlit
Maritime Safety Queensland Notice 109(T)/2017

The light beacon, *Fl.G.3s* (20° 30'.65 S 148° 44'.05 E), is unlit.

Chart temporarily affected - Aus 252 - Aus 824

380(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - Cleveland Bay to West Channel - Scientific instruments
Maritime Safety Queensland Notice 74(T)/2017

Scientific instruments marked by pink buoys exist in the following positions:

19° 12'.81 S 147° 00'.96 E
19° 13'.65 S 146° 59'.32 E
19° 15'.92 S 146° 56'.68 E
19° 17'.92 S 146° 54'.30 E
19° 12'.63 S 146° 47'.35 E
19° 08'.34 S 146° 46'.88 E.

Chart temporarily affected - Aus 256 - Aus 827

418(T)/2017 AUSTRALIA - QUEENSLAND - Daydream Island - Lights unlit; light buoys established
Maritime Safety Queensland Notice 179(T)/2017

The leading lights, *2F.Bu.5M* (20° 15'.10 S 148° 48'.87 E), are unlit.

A starboard lateral light buoy, *Fl.G.1.3s*, exists in positions 20° 14'.61 S 148° 49'.75 E.

A port lateral light buoy, *Fl.R.1.3s*, exists in positions 20° 14'.67 S 148° 49'.77 E.

Chart temporarily affected - Aus 252 - Aus 253

419(T)/2017 AUSTRALIA - QUEENSLAND - Hook Island - Nara Inlet - Light beacon destroyed; light buoy established
Former Notice - 374(T)/2017 is cancelled
Maritime Safety Queensland Notice 181(T)/2017

The light beacon, *Fl.R.3s* (20° 09'.86 S 148° 54'.02 E), has been destroyed; a port lateral light buoy, *Fl.R.3s*, exists in situ.

Chart temporarily affected - Aus 252

421(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Pelican Banks - Light beacon destroyed
Maritime Safety Queensland Notice 171(T)/2017

The starboard lateral light beacon, *Fl.G.3s* (27° 35'.18 S 153° 22'.84 E), has been destroyed.

Chart temporarily affected - Aus 236

422(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Tangalooma - Light unlit
Maritime Safety Queensland Notice 186(T)/2017

The front lead light, *Q.Bu* (27° 10'.43 S 153° 22'.45 E), is unlit.

Chart temporarily affected - Aus 236

423(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer
Maritime Safety Queensland Notice 190/2017

Ship to ship transfer of LPG will be conducted at STS1 anchorage (27° 17'.17 S 153° 16'.57 E).

A 0.54M radius exclusion zone exists around transfer operations.

Chart temporarily affected - Aus 236

426(T)/2017 AUSTRALIA - QUEENSLAND - Shute Harbour - Light beacons destroyed
Maritime Safety Queensland Notice 155(T)/2017, 180(T)/2017

The light beacon, *Fl.R.3s No10* (20° 17'.65 S 148° 47'.15 E), has been destroyed.

The light beacon, *Q.R No2* (20° 17'.50 S 148° 47'.98 E), has been destroyed; a port lateral buoy exists in situ.

Chart temporarily affected - Aus 269

427(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - Sea Channel - Light beacon destroyed
Maritime Safety Queensland Notice 191(T)/2017

The port lateral light beacon, *Fl.R.4s S12* (19° 11'.23 S 146° 52'.22 E), has been destroyed; a special light buoy, *Fl(2)10s* exists in situ.

Chart temporarily affected - Aus 256

461(T)/2017 AUSTRALIA - QUEENSLAND - Bowen - Obstruction
Maritime Safety Queensland

An obstruction marked by a special light buoy, *Fl.Y.2-5s*, exists in position 20° 01'.40 S 148° 15'.26 E.

Chart temporarily affected - Aus 268

462(T)/2017 AUSTRALIA - QUEENSLAND - Boyd Point - Exclusion zone
Maritime Safety Queensland Notice 203/2017

An exclusion zone exists in the vicinity of position 12° 55'.6 S 141° 37'.0 E. The western extremity is marked by special light buoys, *Q.Y.*

Chart temporarily affected - Aus 301

464(T)/2017 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations
Maritime Safety Queensland

The dredge *Brisbane* and vessels *Pacific Conquest* and *Norfolk* are conducting dredging and survey operations in the Port of Cairns.

Mariners are advised to navigate with caution in the area.

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

468(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Cable laying operations
Maritime Safety Queensland

Cable laying operations are in progress under the Houghton Highway Bridges (27° 16'.4 S 153° 04'.3 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

470(T)/2017 AUSTRALIA - QUEENSLAND - North Gardner Bank - Foul ground

Maritime Safety Queensland Notice 24/2017

A foul ground exists in position 24° 56'.30 S 153° 26.90 E.

Chart temporarily affected - Aus 816

471(T)/2017 AUSTRALIA - QUEENSLAND - Palm Beach to Gold Coast - Dredging operations

Maritime Safety Queensland Notice 205(T)/2017

The dredge *Balder R* and support vessel *Rind R* are conducting dredging operations between Palm Beach (28° 06'.8 S 153° 28'.5 E) and The Spit (27° 56'.2 S 153° 25'.8 E) within 1.5M of the coast .

Vessels will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230 - Aus 814

473(P)/2017 AUSTRALIA - QUEENSLAND - Wide Bay - Hook Point - Shoaling; navline

Maritime Safety Queensland

Due to shoaling, the bearing of the light, *Fl.WRG.3s (F Day)* (25° 47'.03 S 153° 04'.73 E), has been amended to 269°6°.

The chart will be updated in due course.

Chart which will be affected - Aus 240 - Aus 815 - Aus 817

519(T)/2017 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Rocks Reach - Clara Rock - Virtual AIS

Maritime Safety Queensland Notice 224(T)/2017

A virtual AIS has been established at light beacon, *VQ.R*, 27° 24'.16 S 153° 09'.14 E.

Chart temporarily affected - Aus 237

520(T)/2017 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Town Reach - Harbour works

Maritime Safety Queensland Notice 242(T)/2017

Repair works on the Burnett Bridge (24° 51'.82 S 152° 20'.77 E) piers are in progress.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

521(T)/2017 AUSTRALIA - QUEENSLAND - Gladys Inlet - Light buoy off station

Maritime Safety Queensland Notice 222(T)/2017

The port lateral light buoy, *Fl.R.3s* (17° 30'.43 S 146° 04'.87 E), is off station.

Chart temporarily affected - Aus 258

523(P)/2017 AUSTRALIA - QUEENSLAND - Great Barrier Reef - Joist Reef to Hydrographers Passage - Shoaling

LADS Flight

Latest survey shows shoaler depths than those charted may exist in an area bounded by the following positions:

19° 27'.1 S 149° 38'.9 E

20° 12'.2 S 149° 39'.1 E

20° 12'.2 S 150° 18'.5 E

19° 39'.2 S 150° 18'.5 E

Charts will updated in due course.

Chart which will be affected - Aus 821 - Aus 824 - Aus 825

526(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Light beacon damaged
Maritime Safety Queensland Notice 219(T)/2017

The light beacon, *Fl.Y.3s* (27° 08'.08 S 153° 05'.36 E), is damaged and unlit.

Chart temporarily affected - Aus 236

528(T)/2017 AUSTRALIA - QUEENSLAND - Point Cartwright - Obstruction northeastwards
Maritime Safety Queensland Notice 233(T)/2017

A lost anchor and cable exists in position 26° 37'.5 S 153° 16'.4 E.

Mariners are advised to navigate with caution and not to anchor in the area.

Chart temporarily affected - Aus 815

530(T)/2017 AUSTRALIA - CORAL SEA - Lihou Reef - Light buoy off station northeastwards
Australian Bureau of Meteorology

The light buoy, *Fl.Y.2s* (14° 42'.69 S 153° 32'.34 E), is off station.

Chart temporarily affected - Aus 4604 (INT 604) - Aus 4621 (INT 621)

561(T)/2017 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Light buoys
Maritime Safety Queensland Notice 239(T)/2017

Four special light buoys, *Fl.Y.1.5s*, exist in the vicinity of position 27° 28'.48 S 153° 01'.35 E.

Chart temporarily affected - Aus 238

564(T)/2017 AUSTRALIA - QUEENSLAND - Gloucester Passage - Light buoys off station
Former Notice - 522(T)/2017 is cancelled
Maritime Safety Queensland Notice 245(T)/2017

The port lateral light buoy, *Fl.R.2.5s No2* (20° 03'.28 S 148° 28'.15 E), is off station.

The west cardinal light buoy, *Q(9)15s* (20° 04'.02 S 148° 26'.41 E), is off station.

Chart temporarily affected - Aus 268 - Aus 825

566(T)/2017 AUSTRALIA - QUEENSLAND - Hamilton Island - Harbour works
Maritime Safety Queensland Notice 256(T)/2017

Harbour works are in progress in the Hamilton Island Marina (20° 20'.80 S 148° 57'.03 E).

The *Cobia barge* and support vessel is on site and will display appropriate lights and shapes and monitor VHF Ch16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 254

569(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly Boat Harbour - Dredging operations
Former Notice - 527(T)/2017 is cancelled
Maritime Safety Queensland Notice 246/2017, 261(T)/2017

The dredges *Faucon* and *Port Frederick* and support vessels are conducting dredging operations in the entrance channel and within Manly Boat Harbour (27° 27'.05 S 153° 11'.55 E).

The dredge will monitor VHF Ch 13 and Ch 16.

The special light beacon, *Fl. Y. 3s No9* (27° 27'.13 S 153° 11'.49 E), has been temporarily removed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

570(T)/2017 AUSTRALIA - QUEENSLAND - Shute Harbour - Lights; harbour works completed

Former Notice - 148(T)/2017 is cancelled

Maritime Safety Queensland Notice 43(T)/2017, 45(T)/2017, 249(T)/2017

The rear leading light, *F. Bu (F Day)* (20° 17'.58 S 148° 47'.21 E), has been temporarily repositioned to 20° 17'.59 S 148° 47'.17 E and is unlit. The front leading light, *F. Bu (F Day)* (20° 17'.59 S 148° 47'.14 E) is unlit.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252 - Aus 253 - Aus 269

572(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - Ross River Channel - Dredging operations

Maritime Safety Queensland Notice 272(T)/2017

The dredge *Everglade* is conducting dredging operations in the Ross River Channel (19° 15'.82 S 146° 50'.43 E) and Townsville Marine Precinct (19° 15'.60 S 146° 50'.48 E).

The dredge will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

611(T)/2017 AUSTRALIA - QUEENSLAND - Brisbane River - Bulimba Reach - Harbour works

Maritime Safety Queensland

Works are in progress in the vicinity of position 27° 27'.25 S 153° 03'.18 E.

The barge *Calliope* is on site and has deployed anchors marked by special light buoys, Q. The barge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

614(T)/2017 AUSTRALIA - QUEENSLAND - Port of Airlie - Harbour works

Maritime Safety Queensland Notice 291(T)/2017, 295(T)/2017

Works are in progress in the vicinity of position 20° 16'.23 S 148° 43'.52 E. The vessel *Zeus* is on site and will monitor VHF Ch 16.

Works are also in progress within an exclusion zone bounded by the coast and the following positions:

20° 16'.41 S 148° 43'.54 E

20° 16'.38 S 148° 43'.60 E

20° 16'.32 S 148° 43'.60 E .

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 269

615(T)/2017 AUSTRALIA - QUEENSLAND - Russell Heads - Light withdrawn

Maritime Safety Queensland Notice 282(T)/2017

The light, *Fl. 2-5s* (17° 13'.35 S 145° 58'.10 E), has been temporarily withdrawn.

Chart temporarily affected - Aus 829 - Aus 830

665(T)/2017 AUSTRALIA - QUEENSLAND - Cairns - Smiths Creek - Dredging operations

Maritime Safety Queensland Notice 324(T)/2017

Dredging operations are in progress in the vicinity of position 16° 57'.0 S 145° 46'.4 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 263 - Aus 264

666(T)/2017 AUSTRALIA - QUEENSLAND - Flinders Reef - Light buoy off station

Maritime Safety Queensland Notice 294/2017

The north cardinal light buoy, VQ (26° 58'.22 S 153° 29'.44 E), is off station; a virtual AIS north cardinal has been established in situ.

Chart temporarily affected - Aus 235 - Aus 236

667(T)/2017 AUSTRALIA - QUEENSLAND - Peaked Island - Search and rescue exercise northeastwards

Maritime Safety Queensland Notice 322(T)/2017

A search and rescue exercise is in progress in an area 10M radius from position 22° 36'.0 S 151° 06'.0 E.

Mariners are advised to avoid the area and trade shipping should plan to use the Capricorn Channel for passage North or South and not the Inner Route.

Chart temporarily affected - Aus 367 - Aus 490 - Aus 820

670(T)/2017 AUSTRALIA - QUEENSLAND - Shute Harbour - Obstructions

Maritime Safety Queensland Notice 283(T)/2017

The jetty has been removed and obstructions marked by special buoys exist on the seabed in the vicinity of position 20° 17'.58 S 148° 47'.21 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 269

707(T)/2017 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Anchoring prohibited

Maritime Safety Queensland 328(T)/2017

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

24° 45'.58 S 152° 23'.26 E

24° 45'.61 S 152° 23'.31 E

24° 45'.56 S 152° 23'.36 E

24° 45'.51 S 152° 23'.36 E

Chart temporarily affected - Aus 242

708(T)/2017 AUSTRALIA - QUEENSLAND - Cape Flattery - Shoaling

Maritime Safety Queensland

Latest survey shows shoaler depths than those charted may exist in the vicinity of position 14° 58'.95 S 145° 21'.32 E.

Charts will be updated in due course.

Chart temporarily affected - Aus 270

745(T)/2017 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Wreck

Maritime Safety Queensland 361(T)/2017

A wreck exists in position 20° 16'.04 S 148° 43'.94 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 269

746(T)/2017 AUSTRALIA - QUEENSLAND - Boyd Point - Mooring buoys
Maritime Safety Queensland Notice 354(T)/2017

Six lit mooring buoys, Q.Y, exist in the vicinity of position 12° 54'.48 S 141° 38'.46 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 301

747(T)/2017 AUSTRALIA - QUEENSLAND - Brisbane - Lytton and Quarantine Reach - Harbour works

Former Notice - 518(T)/2017 is cancelled
Maritime Safety Queensland (352(T)/2017)

Construction of a new wharf is in progress in the vicinity of position 27° 24'.97 S 153° 08'.45 E.

An exclusion zone marked by special light buoys, *Fl.Y.1-5s*, exists around the works.

The barges *Peale* and *Aqane* are on site and will monitor VHF Ch12.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237 - Aus 238

750(T)/2017 AUSTRALIA - QUEENSLAND - Flagstaff Bay - Light unlit

Maritime Safety Queensland 356(T)/2017

The light, *Fl.4s 3M* (19° 45'.32 S 147° 44'.76 E), is unlit.

Chart temporarily affected - Aus 826

751(T)/2017 AUSTRALIA - QUEENSLAND - Mackay Harbour - Traffic signal station unlit

Maritime Safety Queensland Notice 349(T)/2017

The traffic signal station (21° 06'.62 S 149° 13'.82 E) is unlit.

Chart temporarily affected - Aus 250

752(T)/2017 AUSTRALIA - QUEENSLAND - Mackay Harbour - Harbour works

Maritime Safety Queensland Notice 364(T)/2017

Demolition is in progress in the vicinity of Loves Jetty and adjacent tug berths (21° 06'.54 S 149° 13'.59 E).

Vessels *PMG Swordfish* and *PMG 121* are on site and will monitor VHF Ch 16 and Ch 13.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 250

754(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Waterloo Bay - Dredging operations

Maritime Safety Queensland Notice 365(T)/2017

The dredge *Ken Harvey* and support vessels *Turtle*, *Sealion* and *Frank Wilson* are conducting dredging operations in the entrance channel (27° 28'.08 S 153° 13'.25 E).

Barges *Hercules* and *Samson* are moored in the following positions:

27° 27'.20 S 153° 12'.87 E

27° 27'.25 S 153° 12'.99 E

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

756(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - Cleveland Bay - Diving operations

Maritime Safety Queensland

Vessel *PMG Sailfish* and barge *PMG 123* are conducting diving operations in the vicinity of position 19° 12'.03 S 146° 50'.36 E.

Vessels will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256

792(T)/2017 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Exclusion zone

Maritime Safety Queensland Notice 372(T)/2017

An exclusion zone, marked by special light buoys exists around *HMAS Tobruk* in the area bounded by the following positions:

<i>Position</i>	<i>Remarks</i>
24°46'.10 S 152°22'.92 E	
24°46'.10 S 152°22'.87 E	special light buoy, Q.Y
24°46'.15 S 152°22'.88 E	special light buoy, Q.Y
24°46'.19 S 152°22'.89 E	special light buoy, Q.Y
24°46'.19 S 152°22'.93 E	

Chart temporarily affected - Aus 242

793(T)/2017 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett Heads - Dredging operations

Maritime Safety Queensland Notice 383(T)/2017

Dredging operations are in progress in the vicinity of position 24° 45'.55 S 152° 24'.11 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

801(T)/2017 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Former Notice - 669(T)/2017 is cancelled

Maritime Safety Queensland Notice 310(T)/2017

Live firing will be conducted in the Shoalwater Bay training area during the period 1 to 9 October 2017.

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

22° 30'.73 S 150° 26'.34 E
22° 38'.62 S 150° 27'.46 E
22° 40'.00 S 150° 38'.00 E
22° 40'.01 S 150° 41'.02 E
22° 29'.42 S 150° 38'.87 E
22° 27'.70 S 150° 32'.49 E.

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

There will be safe anchorages available at Freshwater, Port Clinton, West Water Port Clinton, South Arm Port Clinton, Pearl Bay, Island Head Creek and Supply Bay Townshend Island.

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

Chart temporarily affected - Aus 248 - Aus 367 - Aus 820 - Aus 822

834(T)/2017 AUSTRALIA - QUEENSLAND - Ellis Channel - Hovell Bar - Light buoy off station

Maritime Safety Queensland Notice 392(T)/2017

The south cardinal light buoy, *Q(6)+LFl. 15s* (10° 34'.05 S 142° 15'.47 E) is off station.

Chart temporarily affected - Aus 293 - Aus 299

837(T)/2017 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Maritime Safety Queensland Notice 311(T)/2017

Live firing will be conducted in the Shoalwater Bay training area during the period 14 October to 16 November 2017.

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

22° 23'.84 S 150° 18'.02 E
22° 22'.60 S 150° 18'.60 E
22° 24'.33 S 150° 26'.87 E
22° 31'.07 S 150° 34'.01 E
22° 40'.00 S 150° 38'.00 E
22° 39'.54 S 150° 27'.61 E
22° 27'.47 S 150° 16'.78 E.

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

There will be a safe anchorage available at Freshwater, Port Clinton, West Water Port Clinton, South Arm Port Clinton, Pearl Bay, Island Head Creek and Supply Bay Townshend Island.

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

Chart temporarily affected - Aus 260 - Aus 261 - Aus 367 - Aus 822

838(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - Ross Creek - Harbour works
Maritime Safety Queensland

Harbour works associated with pontoon remediation are in progress in the vicinity of position 19° 15'.29 S 146° 49'.63 E.

The barge *Coomay* is on site and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

839(T)/2017 AUSTRALIA - QUEENSLAND - Weipa - South Channel - Light beacon destroyed
Maritime Safety Queensland Notice 396(T)/2017

The light beacon *Fl.R.4s SC 10* (12° 41'.25 S 141° 44'.31 E), has been destroyed; a special light buoy, *Fl.R.4-3s* exists in situ.

Chart temporarily affected - Aus 4

840(T)/2017 AUSTRALIA - QUEENSLAND - Weipa - Hey River - Exclusion zone
Maritime Safety Queensland

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

12°44'.20 S 141°53'.50 E
12°44'.20 S 141°54'.05 E
12°45'.00 S 141°54'.16 E
12°45'.00 S 141°53'.58 E.

Chart temporarily affected - Aus 4

871(T)/2017 AUSTRALIA - QUEENSLAND - Gold Coast - North Channel - Shoaling
Former Notice - 145(T)/2017 is cancelled
Maritime Safety Queensland

Shoaling exists in the vicinity of the following positions:

<i>Position</i>	<i>Least Depth</i>
27° 55'.74 S 153° 25'.11 E	3.1m
27° 55'.23 S 153° 24'.60 E	1.6m

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

872(P)/2017 AUSTRALIA - QUEENSLAND - LADS Passage - Shoaling

LADS Flight

Latest survey shows shoaler depths than those charted may exist east of the two-way route, between Osborne Reef (13° 04'.9 S 143° 39'.5 E) and Clack Reef (14° 04'.0 S 144° 14'.5 E).

Charts will updated in due course.

Chart which will be affected - Aus 270 - Aus 280 - Aus 281 - Aus 833 - Aus 834

873(T)/2017 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling

Maritime Safety Queensland Notice 416/2017

A shoal patch exists from the end of the eastern breakwater (26° 40'.74 S 153° 07'.95 E) extending in a westerly direction towards the centreline of the channel with a least depth of 1.3m in the vicinity of position 26° 40'.76 S 153° 07'.93 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

874(T)/2017 AUSTRALIA - QUEENSLAND - One Tree Island - Scientific instrument

Australian Institute of Marine Science

A spherical light buoy, *Fl(4)Y.19s*, exists in position 23° 29'.08 S 152° 10'.25 E.

Chart temporarily affected - Aus 819

875(T)/2017 AUSTRALIA - QUEENSLAND - Shute Harbour - Light buoys

Maritime Safety Queensland Notice 410(T), 411(T)/2017

The port lateral light beacon, *Fl.R.2.5s No6* (20° 17'.98 S 148° 47'.16 E), has been destroyed; port lateral light buoy, *Fl.R.2.5s*, exists in situ.

The east cardinal light beacon, *Q(3)10s* (20° 17'.25 S 148° 48'.14 E), has been destroyed; east cardinal light buoy, *Q(3)10s*, exists in situ.

Chart temporarily affected - Aus 253 - Aus 269

878(T)/2017 AUSTRALIA - TORRES STRAIT - Hammond Island - Bruce Point - Harbour works; dredging

Maritime Safety Queensland

Harbour works and dredging including construction of a breakwater, pontoons and piling are in progress in the vicinity of position 10° 33'.60 S 142° 13'.26 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 299

915(T)/2017 AUSTRALIA - QUEENSLAND - Brisbane River - Luggage Point - Harbour works

Former Notice - 748(T)/2017 is cancelled

Maritime Safety Queensland

Harbour works are in progress at the Port North Common User Berth (27° 23'.02 S 153° 09'.28 E).

Barges will display appropriate lights and shapes and will monitor VHF Ch 12.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237

917(T)/2017 AUSTRALIA - QUEENSLAND - Laguna Quays - Shoaling; nav aids

Former Notices - 757(T)/2011, 758(T)/2011 are cancelled

Maritime Safety Queensland Notice 184(T)/2017

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

Light beacons marking the entrance may be damaged or unlit.

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

918(T)/2017 AUSTRALIA - QUEENSLAND - Lord Howe Rise - Survey operations

Geoscience Australia , JAMSTEC

RV *Kairei* is conducting survey operations in an area bounded by the following positions:

28° 01'.8 S 156° 36'.0 E

28° 01'.8 S 163° 17'.4 E

26° 20'.0 S 163° 15'.8 E

25° 30'.0 S 159° 56'.7 E

25° 30'.0 S 156° 36'.0 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 4602 (INT 602) - Aus 4635 (INT 635) - Aus 4643 (INT 643)

919(P)/2017 AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Shoaling

Maritime Safety Queensland

Latest survey shows shoaler depths than those charted may exist in the entrance to Nelly Bay (19° 09'.8 S 146° 51'.4 E).

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 256

921(T)/2017 AUSTRALIA - QUEENSLAND - Mooloolaba - Dredging

Maritime Safety Queensland Notice 436(T)/2017

The dredge *Saibai* is conducting dredging operations in the entrance channel (26° 40'.75 S 153° 07'.90 E).

The dredge will display appropriate lights and shapes and will monitor VHF Ch 16 and Ch 73. A floating pipeline exists from the dredge.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

922(T)/2017 AUSTRALIA - QUEENSLAND - Point Lookout - Light buoy off station southeastwards

AMSA

The light buoy, *Fl(5)Y.20s* (27° 29'.59 S 153° 37'.96 E), is off station.

Chart temporarily affected - Aus 814

923(T)/2017 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Maritime Safety Queensland Notice 406(T), 407(T)/2017

Live firing will be conducted in the Shoalwater Bay training area during the period 20 November to 11 December 2017.

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

22° 14'.76 S 150° 20'.31 E

22° 10'.02 S 150° 30'.06 E

22° 13'.58 S 150° 35'.51 E

22° 06'.10 S 150° 41'.18 E

22° 06'.05 S 150° 45'.07 E

22° 19'.38 S 150° 49'.46 E

22° 16'.35 S 150° 38'.10 E

22° 15'.74 S 150° 37'.53 E

22° 24'.33 S 150° 26'.87 E.

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

There will be a safe anchorage available at Freshwater, Port Clinton, West Water Port Clinton, South Arm Port Clinton, Pearl Bay and Island Head Creek.

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

Chart temporarily affected - Aus 260 - Aus 261 - Aus 367 - Aus 822

926(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - West Channel - Light beacon destroyed
Maritime Safety Queensland Notice 438(T)/2017

The east cardinal light beacon, *Q(3)10s 4m 3M* (19° 12'.06 S 146° 49'.25 E), has been destroyed; a special buoy, *Fl.Y.2.5s*, exists in situ.

Chart temporarily affected - Aus 256 - Aus 827

928(T)/2017 AUSTRALIA - TORRES STRAIT - Hammond Island - Bruce Point - Light buoy withdrawn
Maritime Safety Queensland Notice 433(T)/2017

The starboard lateral light buoy, *Fl.G.3s* (10° 33'.59 S 142° 13'.28 E), has been temporarily withdrawn.

Chart temporarily affected - Aus 299

980(T)/2017 AUSTRALIA - QUEENSLAND - Abbot Point - Mooring buoys
Former Notice - 18(T)/2017 is cancelled
Maritime Safety Queensland Notice 441(T)/2017

Orange mooring buoys exist in positions 19° 53'.18 S 148° 06'.25 E and 19° 52'.98 S 148° 06'.16 E.

Chart temporarily affected - Aus 255

982(T)/2017 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Tooth Island - Light beacon destroyed
Maritime Safety Queensland Notice 442(T)/2017

The port lateral light beacon, *Fl.R.2.5s* (25° 33'.84 S 152° 55'.60 E), has been destroyed; a port lateral light buoy, *Fl.R.2.5s*, exists in situ.

Chart temporarily affected - Aus 240

983(T)/2017 AUSTRALIA - QUEENSLAND - Hay Point - Dredging operations
Maritime Safety Queensland Notices 446, 451(T)/2017

Vessel *Pacific Tiger* and support vessel *Norfolk* are conducting dredging operations in the departure channel (21° 15'.95 S 149° 20'.45 E).

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 249 - Aus 250

985(T)/2017 AUSTRALIA - QUEENSLAND - Mackay - Dredging operations
Maritime Safety Queensland Notice 447, 450(T)/2017

Vessel *Pacific Tiger* and support vessel *Norfolk* are conducting dredging operations in Mackay Harbour and entrance channel.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 250

986(T)/2017 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Light beacon destroyed
Maritime Safety Queensland Notice 445(T)/2017

The special purpose light beacon, *Fl.Y.2.5s No1* (27° 10'.97 S 153° 06'.15 E), has been destroyed; a special light buoy, *Fl.Y.2.5s*, exists in situ.

Chart temporarily affected - Aus 236

987(T)/2017 AUSTRALIA - QUEENSLAND - Port Douglas - Dicksons Inlet - Dredging operations
Maritime Safety Queensland Notice 444(T)/2017

Dredging operations are in progress in Dicksons Inlet (16° 29'.00 S 145° 27'.55 E).

The dredge will monitor VHF Ch 12.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 270

988(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - Sea Channel - Light buoy off station
Maritime Safety Queensland Notice 452(T)/2017

The special light buoy, *Fl.Y.2.5s* (19° 12'.60 S 146° 51'.16 E) is off station.

Chart temporarily affected - Aus 256

989(P)/2017 AUSTRALIA - CORAL SEA - Portlock Reefs - Reefs
LADS Flight

Latest survey shows uncharted reefs exist in area bounded by the following positions:

9° 33'.30 S 144° 46'.00 E

9° 33'.90 S 144° 42'.50 E

9° 36'.60 S 144° 42'.70 E

9° 37'.70 S 144° 45'.50 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 377

NORTHERN TERRITORY

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

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

1193(T)/2014 AUSTRALIA - NORTHERN TERRITORY - East Vernon Island - Obstruction
Department of Transport NT

An obstruction exists in position 12° 04'.07 S 131° 03'.48 E.

Chart temporarily affected - Aus 20

454(T)/2015 INDIAN OCEAN - Sumatera - Scientific instruments westwards
Former Notice - 304(T)/2014 is cancelled
JAMSTEC

Scientific instruments, Triton buoys, exist as follows:

<i>Number</i>	<i>Position</i>
17	4° 57'.05 S 94° 58'.44 E
18	1° 37'.06 S 89° 59'.02 E
19	8° 00'.03 S 95° 02'.41 E.

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

893(T)/2015 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Scientific instruments
Northern Territory Government Notice 97(T)/2015

Special light buoys, Q. Y, exist as follows;

12° 29'.66 S 130° 55'.36 E
12° 30'.48 S 130° 53'.15 E
12° 30'.73 S 130° 54'.29 E
12° 30'.11 S 130° 55'.59 E
12° 30'.32 S 130° 55'.41 E
12° 30'.51 S 130° 55'.95 E
12° 31'.09 S 130° 55'.95 E
12° 31'.97 S 130° 56'.39 E.

Mariners are advised to navigate with caution in the area.

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

894(T)/2015 AUSTRALIA - NORTHERN TERRITORY - East Arm - Lights
Department of Transport NT Notice96(T)/2015

Lights, Q. Y, exist in the following positions:

12° 30'.636 S 130° 54'.439 E
12° 30'.607 S 130° 54'.491 E
12° 30'.604 S 130° 54'.503 E
12° 30'.603 S 130° 54'.529 E
12° 30'.598 S 130° 54'.542 E
12° 30'.607 S 130° 54'.601 E
12° 30'.591 S 130° 54'.696 E
12° 30'.557 S 130° 54'.762 E
12° 30'.554 S 130° 54'.779 E
12° 30'.549 S 130° 54'.806 E
12° 30'.545 S 130° 54'.827 E
12° 30'.553 S 130° 54'.908 E.

Chart temporarily affected - Aus 28

773(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Medina Inlet - Light buoy unlit
Department of Transport NT Notice 1(T)/2016

The starboard lateral light buoy, *Fl.G.4s* (11° 51'.64 S 130° 35'.07 E), is unlit.

Chart temporarily affected - Aus 23 - Aus 722

182(T)/2017 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Point - Light buoy unlit
Department of Infrastructure, Planning and Logistics NT Notice 12(T)/2017

The special light buoy, *Fl.Y.4s* (12° 24'.07 S 130° 49'.33 E), is unlit.

Chart temporarily affected - Aus 25

620(T)/2017 AUSTRALIA - TIMOR SEA - NORTHERN TERRITORY - Sahul Banks to Darwin - Pipeline operations
ConocoPhillips Australia

Vessel *Pinnacle* is conducting pipeline works from Bayu-Undan platform to Darwin between the following positions:

11° 04'.13 S 126° 37'.03 E
11° 16'.85 S 126° 53'.49 E
12° 00'.62 S 129° 42'.16 E
12° 00'.79 S 129° 53'.65 E
12° 04'.09 S 129° 56'.53 E
12° 18'.68 S 130° 38'.44 E
12° 23'.80 S 130° 44'.87 E
12° 28'.12 S 130° 48'.32 E
12° 31'.60 S 130° 50'.01 E
12° 31'.57 S 130° 51'.63 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 24 - Aus 25 - Aus 26 - Aus 27 - Aus 28 - Aus 29 - Aus 309 - Aus 311 - Aus 312 - Aus 315 - Aus 316 - Aus 722 - Aus 4721 (INT 721)

885(T)/2017 INDIAN OCEAN - Roo Rise - Light buoy off station
Australian Bureau of Meteorology

The light buoy, *Fl.2s* (13° 59'.1 S 110° 00'.5 E) is off station.

Chart temporarily affected - Aus 4708 (INT 708) - Aus 4723 (INT 723)

929(T)/2017 AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Drill rig
Ship Agency Services

Drill rig *Noble Tom Prosser* is anchored in position 12° 11'.28 S 130° 35'.54 E.

Chart temporarily affected - Aus 309 - Aus 722 - Aus 4721 (INT 721)

991(T)/2017 AUSTRALIA - NORTHERN TERRITORY - Darwin - Cullen Bay - Dredging operations
Department of Infrastructure, Planning and Logistics NT Notice 52(T)/2017

Dredge 14 is conducting dredging operations in Cullen Bay (12° 27'.13 S 130° 49'.12 E).

A pipeline whose floating segment is marked by special light buoys, *Q.Y.*, exists from the dredge out to a position in the vicinity of 12° 27'.12 S 130° 48'.62 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 24

WESTERN AUSTRALIA

271(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Obstruction Dampier Port Authority Notice 9/2013

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

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

851(T)/2015 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Roly Rock - Obstruction eastwards TAMS

A length of cable exists on the seabed between the following positions:

20° 30'.09 S 116° 27'.99 E

20° 30'.66 S 116° 26'.38 E.

Chart temporarily affected - Aus 57 - Aus 327 - Aus 741 - Aus 742

1078(P)/2015 AUSTRALIA - WESTERN AUSTRALIA - East Holothuria Reef - Shoaling HMAS Mermaid

Depths less than 6m have been reported in the vicinity of position 13° 33'.6 S 126° 10'.8 E.

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 318 - Aus 319 - Aus 727 - Aus 728 - AX 00318S - AX 00319S - AX 00319U

1123(T)/2015 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light beacons; tug mooring

Former Notice - 1083(T)/2015 is cancelled

BHP Billiton Petroleum Pty Ltd

Light beacons have been established in the following positions:

20° 19'.726 S 118° 35'.207 E SC01 Fl.G.2s

20° 19'.703 S 118° 35'.238 E SC02 Fl.R.2s

20° 19'.817 S 118° 35'.326 E SC03 Fl.G.2s

20° 19'.789 S 118° 35'.350 E SC04 Fl.R.2s

A tug mooring barge exists in position 20° 19'.88 S 118° 35'.43 E.

Chart will be updated on receipt of survey data.

Chart temporarily affected - Aus 54

1393(T)/2015 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instrument

Pilbara Ports Authority Notice 22/2015

A special light buoy, Q.Y, exists in position 20° 00'.33 S 118° 26'.30 E.

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

88(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Ashburton Road - Mooring buoys

Former Notice - 1384(T)/2015 is cancelled

Chevron Australia Pty Ltd

Lit mooring buoys, *Fl.Y.4s*, exist in the following positions:

21° 39'.69 S 115° 01'.29 E

21° 39'.50 S 115° 01'.18 E

21° 39'.22 S 115° 01'.38 E

21° 38'.93 S 115° 01'.96 E.

Chart temporarily affected - Aus 64 - Aus 69 - Aus 743

214(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Bluff Point - Fish aggregating devices

Department of Transport WA

Special spherical buoys exist in the following positions:

27° 35'.73 S 114° 05'.49 E
27° 42'.81 S 114° 05'.83 E
27° 52'.43 S 114° 04'.00 E.

Chart temporarily affected - Aus 332

216(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Scientific instruments
Pilbara Ports Authority Notice D4(T)/2016

Scientific instruments marked by special light buoys, *Fl.3s*, exist in the following positions:

20° 35'.09 S 116° 40'.50 E
20° 38'.20 S 116° 43'.97 E
20° 36'.69 S 116° 45'.12 E.

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

476(P)/2016 AUSTRALIA - WESTERN AUSTRALIA - Flinders Bay - Shoaling
LADS Flight

Shoaler depths than those charted may exist in the area of Flinders Bay and outlying islands (34° 22'.5 S 115° 13'.0 E).

Charts will updated in due course.

Chart which will be affected - Aus 116 - Aus 335 - Aus 336 - Aus 756 - Aus 757

478(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Perth - Scientific instruments westwards
CSIRO

Subsurface scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
31° 38'.80 S 115° 11'.75 E	20m below the surface
31° 43'.30 S 115° 24'.00 E	40m below the surface
31° 43'.66 S 115° 02'.30 E	20m below the surface
31° 46'.23 S 114° 56'.60 E	300m below the surface
31° 59'.00 S 115° 14'.00 E	20m below the surface
31° 59'.38 S 115° 23'.13 E	20m below the surface
32° 00'.00 S 115° 24'.00 E	20m below the surface

Chart temporarily affected - Aus 754

480(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instrument
MetOcean Engineers

A subsurface scientific instrument exists 200m below the surface in position 19° 32'.00 S 115° 48'.01 E.

Chart temporarily affected - Aus 327

522(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Light buoy northwestwards
Far Sirius

A light buoy, *Fl.5s*, exists in position 19° 55'.51 S 115° 08'.07 E. A 2M clearance is requested.

Chart temporarily affected - Aus 328

731(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instruments southwestwards
Former Notice - 701(T)/2015 is cancelled
A McCarthy , MetOcean Engineers

Subsurface scientific instruments exist 80m below the surface in the following positions:

19° 56'.34 S 115° 23'.38 E
19° 56'.46 S 115° 23'.29 E.

Chart temporarily affected - Aus 327 - Aus 328

777(P)/2016 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Conzinc Island to Mermaid Strait - Shoaling
Pilbara Ports Authority

Shoaling, with least depth 9.0m (20° 32'.40 S 116° 45'.01 E), exists in the southern section of the spoil ground.

Shoaling exists which has extended the 10m bank southeastwards, with least depths as follows:

Depth	Position
9.8m	20° 37'.82 S 116° 40'.30 E
10m	20° 37'.72 S 116° 40'.49 E
9.9m	20° 37'.56 S 116° 40'.62 E
10m	20° 37'.40 S 116° 40'.96 E
10m	20° 37'.10 S 116° 41'.15 E
9.9m	20° 37'.01 S 116° 41'.17 E.

Shoaling has extended the 10m bank westwards, with a depth of 9.9m marking the western limit in position 20° 37'.74 S 116° 41'.14 E.

Shoaling with least depths exist as follows:

Depth	Position
4.8m	20° 37'.72 S 116° 36'.78 E
7.9m	20° 38'.77 S 116° 27'.53 E.

Note: Charts to be updated in due course.

Chart which will be affected - Aus 57 - Aus 58 - Aus 60 - Aus 741 - Aus 742

843(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Mandurah - Harbour works
Department of Transport WA Notice 72/2016

Construction works for the new Mandurah traffic bridge and demolition of the existing bridge (32° 32'.11 S 115° 43'.07 E) are in progress.

During the works, alterations and intermittent closures of the bridge navigation spans will occur, with the anchor points of the barge at times encroaching into the navigable channel. The anchors will be marked by special buoys.

An exclusion zone, marked by special light buoys, exists around the barge *Swiber 122*.

All vessels will display appropriate lights and shapes and monitor VHF Ch 74.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 116

939(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Finucane Island to Weerde Island - Scientific instruments northwards

Pilbara Ports Authority Notice PH7(T)/2016

Special light buoys, Q.Y, exist in positions 20° 16'.10 S 118° 33'.95 E and 20° 16'.57 S 118° 28'.52 E.

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

940(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Five Fathom Bank - Scientific instrument
Carnegie Wave Energy Ltd

A subsurface scientific instrument exists in position 32° 14'.88 S 115° 35'.41 E.

Chart temporarily affected - Aus 754 - Aus 755

988(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Teggs Channel - Obstruction
Department of Transport WA Notice 85/2016

An obstruction exists in position 24° 54'.40 S 113° 38'.38 E.

Chart temporarily affected - Aus 73

1043(P)/2016 AUSTRALIA - WESTERN AUSTRALIA - Hall Point to Raft Point - Shoaling
HMAS *Benalla*

Latest survey shows shoaler depths than those charted may exist between Hall Point (15° 40'.30 S 124° 22'.16 E), Mulgudna Island (16° 03'.19 S 124° 18'.41 E) and Raft Point (16° 04'.03 S 124° 26'.84 E).

Charts will updated in due course.

Chart which will be affected - Aus 320 - Aus 323 - Aus 730 - Aus 732

1092(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Outer North Channel - Tide gauge
Australian Maritime Safety Authority Auscoast Warning 288/2016

A tide gauge marked by a special light buoy, Q, exists in position 20° 24'.95 S 117° 23'.35 E.

Chart temporarily affected - Aus 55 - Aus 326 - Aus 740

1214(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Busselton - Port Geographe Marina - Seagrass wrack; dredging operations

Former Notice - 1085(T)/2016 is cancelled
Department of Transport WA Notice 103/2016

Mobile seagrass wrack, which may reduce depths, exists in the entrance to Port Geographe Marina.

The dredge *Mudlark I* is conducting dredging operations in the approach channel and entrance channel to the marina (33° 37'.79 S 115° 23'.24 E). A floating pipeline marked by special lights exists from the dredge.

The dredge and pipeline may obstruct the channel during operations and in these instances mariners traversing the area are requested to contact the dredge prior to passing.

The dredge will display appropriate lights and shapes and will monitor VHF Ch 16 or Marine 27 MHz Ch 88.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 116

77(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Subsea operations northeastwards
Subsea 7

MSV *Skandi Acergy* is conducting subsea operations in the vicinity of position 19° 32'.42 S 116° 10'.85 E.

Chart temporarily affected - Aus 327

151(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Marmion Reef - Light buoy
Department of Transport WA Notice 130/2016

A special light buoy, *Fl.Y.5s*, exists in position 31° 49'.84 S 115° 42'.25 E.

Chart temporarily affected - Aus 754

268(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Subsea operations northwestwards
Edda Accommodation

MV *Edda Fides* is conducting subsea operations in the vicinity of position 19° 54'.18 S 115° 16'.67 E.

Chart temporarily affected - Aus 328

305(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Harbour works
Pilbara Ports Authority Notice D7(T)/2017

Works associated with the remediation of the western side of the Dampier Cargo Wharf (DCW) (20° 36'.80 S 116° 44'.92 E) are in progress.

During the works there will be restrictions on vessel size and permitted operations at the western side of the DCW. Any vessel with a length overall greater than 100m will require the approval of the Harbour Master.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 59

339(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Forestier Islands - Scientific instrument northwestwards
Advisian

A subsurface scientific instrument exists in position 20° 20'.84 S 117° 33'.91 E

Chart temporarily affected - Aus 326 - Aus 740

341(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Ledge Point - Scientific instrument
Department of Transport WA Notice 52/2017

A special light buoy, Q.Y, exists in position 31° 06'.93 S 115° 22'.49 E.

Chart temporarily affected - Aus 754

386(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Subsea operations northwestwards
McDermott Australia

Vessel *LV108* and support vessels are conducting subsea operations in an area bounded by the following positions:

14° 00'.0 S 123° 05'.0 E
14° 00'.0 S 123° 20'.0 E
13° 44'.0 S 123° 20'.0 E
13° 44'.0 S 123° 05'.0 E.

Mariners are advised to navigate with caution in the area. 2.5M clearance requested.

Chart temporarily affected - Aus 319 - Aus 320 - Aus 322 - Aus 4721 (INT 721) - Aus 4722 (INT 722)

536(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Champion Bay - Marine farm
Mid West Ports

Works to expand the marine farm (28° 44'.74 S 114° 35'.16 E) are in progress.

The area will be marked by special light buoys, *Fl.Y.3s*, in the following positions:

28° 44'.78 S 114° 34'.85 E
28° 44'.78 S 114° 35'.22 E
28° 44'.62 S 114° 35'.22 E
28° 44'.62 S 114° 34'.85 E.

Chart temporarily affected - Aus 81

576(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Prelude FLNG commissioning
Shell Australia

Works associated with the commissioning of the Prelude FLNG are in progress in an area bounded by the following positions:

13° 44'.82 S 123° 12'.91 E
13° 44'.80 S 123° 23'.19 E
13° 34'.76 S 123° 23'.17 E
13° 34'.77 S 123° 12'.90 E

A special spherical light buoy, Q(5)Y.20s, exists in position 13° 49'.01 S 123° 16'.81 E.

Vessels working within this designated holding area may be restricted in their ability to manoeuvre.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 319 - Aus 320

577(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Shoaling
UKHO, A Krishnan

Shoaling exists at berth No1 in the vicinity of position 33° 18'.36 S 115° 38'.75 E.

Chart temporarily affected - Aus 115

578(P)/2017 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Gascoyne River - Shoaling
Department of Transport WA

Latest survey shows channel realignment between the entrance (24° 54'.47 S 113° 38'.63 E) and Pelican Point (24° 53'.88 S 113° 38'.57 E).

Charts will updated in due course.

Chart which will be affected - Aus 73

624(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Subsea operations northwestwards
Technip FMC Oceania

Vessel *Island Performer* is conducting subsea operations in the vicinity of position 13° 51'.69 S 123° 16'.38 E.

Chart temporarily affected - Aus 319 - Aus 320

630(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Subsea operations
Woodside Energy Ltd

Subsea operations are in progress in an area bounded by the following positions:

19° 48'.0 S 115° 38'.0 E

19° 51'.0 S 115° 40'.0 E

19° 40'.0 S 115° 59'.0 E

19° 36'.0 S 115° 57'.0 E.

Chart temporarily affected - Aus 327

631(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Scientific instrument
Curtin University

A lit scientific instrument, marked by a buoy, surfaces three times daily to transmit data in the vicinity of position 31° 59'.00 S 115° 23'.12 E.

Chart temporarily affected - Aus 754

761(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Emu Point - Scientific instrument
Southern Ports Authority

A subsurface scientific instrument, 0.5m above the seabed, exists in position 35° 00'.22 S 117° 56'.68 E.

Chart temporarily affected - Aus 110

763(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Rowley Shoals - Scientific instruments
Macquarie University

Subsurface scientific instruments exist on the seabed in the following positions:

16° 46'.28 S 119° 41'.66 E

16° 29'.00 S 119° 29'.36 E

16° 11'.72 S 119° 17'.10 E

15° 54'.43 S 119° 04'.87 E

15° 37'.14 S 118° 52'.67 E

15° 28'.82 S 118° 46'.12 E

17° 06'.38 S 119° 49'.06 E

17° 27'.30 S 119° 57'.05 E

17° 46'.19 S 120° 10'.60 E

18° 05'.10 S 120° 24'.16 E

18° 24'.34 S 120° 37'.22 E

Chart temporarily affected - Aus 324 - Aus 325 - Aus 4722 (INT 722)

844(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments
Pilbara Ports Authority Notice 18(T)/2017

Subsurface scientific instruments, marked by lit special buoys exist as follows:

20° 02'.04 S 118° 22'.56 E
20° 10'.32 S 118° 33'.96 E
20° 09'.00 S 118° 38'.16 E
20° 17'.40 S 118° 28'.92 E.

Chart temporarily affected - Aus 52 - Aus 53

881(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Bedout Island - Scientific instruments northwestwards
RPS MetOcean

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
18° 41'.37 S 118° 44'.51 E	6m below surface
18° 45'.70 S 118° 47'.70 E	111m below surface
18° 50'.40 S 118° 51'.90 E	special pillar light buoy, Q(5)Y.20s
18° 50'.78 S 118° 51'.50 E	special spherical light buoy, Q(5)Y.20s
19° 14'.74 S 118° 43'.15 E	71m below surface
19° 31'.14 S 118° 43'.80 E	31m below surface

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

882(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Direction Bank to Garden Island - Military exercise
Department of Defence

Dived operations with a manned submersible and/or ROV will be conducted as follows:

<i>Date</i>	<i>Position</i>
05/11/2017	32° 10'.46 S 115° 41'.34 E
06/11/17 - 09/11/17	31° 45'.00 S 115° 11'.59 E
12/11/17	31° 45'.00 S 115° 11'.59 E
13/11/17	31° 49'.43 S 115° 01'.06 E
14/11/17 - 17/11/17	32° 08'.00 S 115° 15'.40 E

An exclusion zone with a 915m radius exists for each position.

Support vessels *MV Besant* and *MV Stoker* will be on site and display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 111 - Aus 112 - Aus 117 - Aus 754

934(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Montebello Saddle - Drill rig
MODU *ENSCO MS-1*

Drill rig *EnSCO MS-1* is conducting drilling operations in position 20° 58'.00 S 114° 17'.73 E.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

935(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Beadon Creek - Scientific instrument
Department of Transport WA Notice 117/2017

A special light buoy, *Fl.Y*, exists in position 21° 38'.58 S 115° 07'.87 E.

Chart temporarily affected - Aus 69

937(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredging
Pilbara Ports Authority Notice 21(T)/2017

The dredge *Charles Darwin* and support vessels *Reliance* and *Go Puriya* are conducting dredging operations in the inner harbour, the main shipping channel and in an area west of the shipping channel between No15 light beacon (20° 10'.41 S 118° 30'.49 E) and C3 light beacon (20°02'.26 118° 24'.90).

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

Spoil will be deposited in the vicinity of the following positions:

20° 12'.60 S 118° 28'.10 E

20° 11'.95 S 118° 34'.80 E

19° 58'.12 S 118° 24'.53 E.

Mariners are advised to navigate with caution in the area.

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

939(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drill rig

Former Notice - 762(T)/2017 is cancelled

Woodside Energy Ltd

Drill rig *Ocean Apex* is conducting drilling operations in position 19° 45'.48 S 115° 47'.13 E.

Chart temporarily affected - Aus 327 - Aus 4723 (INT 723)

940(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Mooring buoys

Australian Offshore Solutions , Australian Maritime Safety Authority Auscoast Warning 201/2017

12 yellow mooring buoys, *Fl.3s*, exist within 1M radius of 19° 47'.7 S 115° 43'.4 E.

Chart temporarily affected - Aus 327

992(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Broome - Drill rig northwestwards

MODU *ENSCO 5006*

Drill rig *ENSCO 5006* is anchored in position 17° 45'.05 S 121° 21'.00 E.

Chart temporarily affected - Aus 324 - Aus 4722 (INT 722)

994(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Scientific instrument

Australian Institute of Marine Science

A lit Autonomous Surface Vehicle is operating in an area bounded by the following positions:

14° 10'.70 S 123° 23'.72 E

14° 10'.70 S 124° 01'.07 E

13° 50'.84 S 124° 01'.07 E

13° 50'.84 S 123° 23'.72 E.

Mariners area advised to navigate with caution in the area.

Chart temporarily affected - Aus 319 - Aus 320

995(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Bandy Creek Boat Harbour - Harbour works

Department of Transport WA Notice 121/2017

Works are in progress to upgrade the north lane of the boat ramp (33° 49'.88 S 121° 55'.95 E).

The north lane of the boat ramp will be closed during these works.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 119

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

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

322(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Thevenard - Yatala Channel - Light beacon destroyed

Department of Planning, Transport and Infrastructure SA Notice 4/2016

The port lateral light beacon, *Fl.R.2s No8* (32° 11'.07 S 133° 36'.46 E), has been destroyed; a special light buoy, *Q.Y.*, exists in situ.

Chart temporarily affected - Aus 122

620(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Port Pirie - Harbour works

Department of Planning, Transport and Infrastructure SA Notice 12/2016

Works are in progress in the vicinity of position 33° 10'.20 S 138° 00'.81 E.

An exclusion zone marked by special buoys exists in the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 136

1000(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Glenelg - Shoaling; dredging operations

Department of Planning, Transport and Infrastructure SA Notice 23/2016

Shoaling exists in the entrance channel to Holdfast Shores (34° 58'.42 S 138° 30'.51 E) and Adelaide Shores (34° 57'.39 S 138° 30'.19 E).

Dredging operations are in progress in the areas.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 125

1048(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Obstruction westwards

Department of Planning, Transport and Infrastructure SA Notice 29/2016

An obstruction exists on the seabed in position 34° 48'.62 S 138° 18'.07 E.

Mariners are advised to navigate with caution in the area. 0.5M clearance requested.

Chart temporarily affected - Aus 130 - Aus 485 - Aus 781

1221(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Light beacon destroyed

Department of Planning, Transport and Infrastructure SA Notice 34/2016

The light beacon, *F.Bu & Fl.Bu.2s* (34° 46'.74 S 138° 21'.81 E), has been destroyed; a special light buoy, *Fl.Y.*, exists in situ.

Chart temporarily affected - Aus 130 - Aus 138

436(T)/2017 AUSTRALIA - SOUTH AUSTRALIA - Fleurieu Peninsula - Haycock Point - Hulk; prohibited area

Former Notice - 619(T)/2016 is cancelled

Department of Planning, Transport and Infrastructure SA Notices 37/2014, 8/2017

A lit hulk, *Fl. Y. 4s*, exists in position 35° 25'.23 S 138° 18'.33 E.

A prohibited area, marked by special buoys, exists in an area bounded by the following positions:

35° 25'.15 S 138° 18'.28 E

35° 25'.17 S 138° 18'.42 E

35° 25'.32 S 138° 18'.39 E

35° 25'.29 S 138° 18'.26 E.

Chart temporarily affected - Aus 485 - Aus 780

437(T)/2017 AUSTRALIA - SOUTH AUSTRALIA - Gulf St Vincent - Rogues Point - Artificial reef

Department of Planning, Transport and Infrastructure SA Notice 9/2017

An artificial reef is being developed in an area bounded by the following positions:

34° 30'.63 S 137° 53'.95 E

34° 30'.63 S 137° 54'.12 E

34° 30'.47 S 137° 54'.13 E

34° 30'.47 S 137° 53'.95 E.

Chart temporarily affected - Aus 139 - Aus 781

438(P)/2017 AUSTRALIA - SOUTH AUSTRALIA - Snapper Point to Douglas Bank - Shoaling

HydroSurvey Australia

Latest survey shows shoaler depths than those charted may exist between Snapper Point (32° 33'.96 S 137° 45'.89 E) and Douglas Bank (32° 49'.60 S 137° 49'.89 E).

Charts will updated in due course.

Chart which will be affected - Aus 132 - Aus 778

485(T)/2017 AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Light beacons destroyed

Former Notice - 483(T)/2016 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 3/2016, 9/2016, 6/2017

The starboard lateral light beacon, *F.G No11* (33° 02'.06 S 137° 35'.95 E) has been destroyed; a special light buoy, *Fl. Y. 3s*, exists in situ.

The starboard lateral light beacon, *F.G No7* (33° 02'.09 S 137° 36'.15 E) has been destroyed; a special light buoy, *F.G*, exists in situ.

Chart temporarily affected - Aus 135

585(T)/2017 AUSTRALIA - SOUTH AUSTRALIA - Western Port - North Arm - Beacon removed; buoy established

Parks Victoria Notice 174(T)/2017

The starboard lateral beacon (38° 19'.59 S 145° 14'.77 E) has been removed; a starboard lateral buoy exists in situ.

Chart temporarily affected - Aus 150 - Aus 151

VICTORIA

434(T)/2014 AUSTRALIA - BASS STRAIT - Light unlit AMSA

The light, *Mo(U)15s* (38° 11'.23 S 148° 23'.23 E), is unlit.

Chart temporarily affected - Aus 357 - Aus 4644 (INT 644)

1271(T)/2015 AUSTRALIA - VICTORIA - Cape Reamur - Exclusion zone; light buoy Victorian Notice 199/2015, 217/2015

A south cardinal light buoy, *Q(6)+LFl.15s*, exists in position 38° 23'.99 S 142° 10'.36 E.

An exclusion zone of 150m radius exists around the south cardinal buoy for works associated with the installation of a wave generator.

Chart temporarily affected - Aus 349 - AX 00349S

1401(T)/2015 AUSTRALIA - BASS STRAIT - King Island - Scientific instruments Marine and Safety Tasmania Notice M173/2015

Scientific instruments marked by orange buoys exist in the following positions:

39° 56'.59 S 143° 40'.72 E

39° 57'.27 S 143° 40'.87 E

40° 00'.58 S 143° 49'.48 E

Chart temporarily affected - Aus 487 - Aus 789 - AX 00487S

223(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Mornington - Light unlit Parks Victoria Notice 29(T)/2016

The light, *Q(2)G.5s* (38° 12'.69 S 145° 02'.11 E), is unlit.

Chart temporarily affected - Aus 143

905(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Mud Islands - Light buoy off station Parks Victoria Notice 223(T)/2016

The special light buoy, *Fl(4)Y.12s* (38° 14'.98 S 144° 49'.22 E), is off station.

Chart temporarily affected - Aus 143 - Aus 158

908(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Bird Rock - Light beacon unlit Parks Victoria Notice 228(T)/2016

The south cardinal light beacon, *Q(6)+LFl.15s* (38° 05'.81 S 144° 26'.33 E) is unlit.

Chart temporarily affected - Aus 157

1002(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Port Lonsdale - Light beacon unlit Parks Victoria Notice 249(T)/2016

The special light beacon, *Fl.Y.5s* (38° 16'.87 S 144° 37'.74 E), is unlit.

Chart temporarily affected - Aus 144 - Aus 158

1003(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Webb Dock - Light beacon altered Port of Melbourne Corporation Notice 237(T)/2016

The starboard lateral light beacon, *F.G & Fl.G.5s No81* (37° 51'.06 S 144° 54'.75 E), has been temporarily altered to *Fl.G.5s*.

Chart temporarily affected - Aus 154

1004(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light beacon unlit

Parks Victoria Notice 242(T)/2016

The port lateral light beacon, Q.R (38° 05'.76 S 144° 24'.77 E), is unlit.

Chart temporarily affected - Aus 157

1053(P)/2016 AUSTRALIA - VICTORIA - The Narrows - Shoaling

Farren Group

Shoaling which has extended the 2m bank northwestwards exists with least depths as follows:

Depth	Position
-0.3m	38° 32'.33 S 145° 21'.21 E
0.8m	38° 32'.35 S 145° 21'.05 E
0.9m	38° 32'.22 S 145° 21'.13 E
1.4m	38° 32'.17 S 145° 21'.28 E

Note: Chart to be updated in due course.

Chart which will be affected - Aus 150

1165(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Rye - Buoy off station

Parks Victoria Notice 292(T)/2016

The port lateral buoy (38° 22'.10 S 144° 49'.31 E) is off station.

Chart temporarily affected - Aus 158

1192(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Rippleside Pier - Harbour works

Former Notice - 1006(T)/2016 is cancelled

Victorian Regional Channels Authority Notice 316/2016

Harbour works associated with the construction of the new Balmoral Quay are in progress, which involves demolition and construction of Rippleside Pier (38° 07'.57 S 144° 21'.60 E).

A 15m exclusion zone exists around the pier.

Mariners are advised to keep clear and navigate with caution in the area.

Chart temporarily affected - Aus 153

1222(T)/2016 AUSTRALIA - VICTORIA - Lakes Entrance - Reeve Channel - Light beacon destroyed

Gippsland Ports Notice 293(T)/2016

The starboard lateral light beacon, Q.G (37° 52'.87 S 147° 57'.25 E), has been destroyed; a starboard lateral light buoy, Q.G, exists in situ.

Chart temporarily affected - Aus 182

119(T)/2017 AUSTRALIA - VICTORIA - Port Campbell - Survey operations southwestwards

Maritime Safety Victoria Notice 39(T)/2017

Survey operations and ROV pipeline inspections are in progress in the area bounded by the following positions:

38° 39'.0 S 142° 37'.0 E
38° 49'.0 S 142° 37'.0 E
38° 49'.0 S 142° 46'.0 E
38° 39'.0 S 142° 46'.0 E.

MV *Silver Star* is on site and 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 349 - Aus 787

120(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Bolte Bridge - Light beacon destroyed
Victorian Ports Corporation Notice 322(T)/2016

The starboard lateral light beacon, *Fl(2)G.5s* (37° 49'.14 S 144° 55'.91 E) has been destroyed; a starboard lateral light buoy, *Fl(2)G.5s*, exists in situ.

Chart temporarily affected - Aus 154

152(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Holden Dock - Harbour works

Former Notice - 703(T)/2015 is cancelled
Victorian Ports Corporation (Melbourne) Notice 71(T)/2017

Harbour works are in progress at Holden Dock (37° 49'.44 S 144° 54'.09 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

238(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light buoy off station; light buoy unlit

Parks Victoria Notice 88(T)/2017

The special light buoy, *Fl. Y.5s* (38° 05'.56 S 144° 24'.20 E), is off station.

The special light buoy, *Fl. Y.5s* (38° 07'.62 S 144° 24'.18 E), is unlit.

Chart temporarily affected - Aus 153 - Aus 157

274(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Short Road Wharf - Harbour works

Victorian Ports Corporation (Melbourne) Notice 110(T)/2017

Harbour works are in progress in an area bounded by light beacons No33 (37° 50'.13 S 144° 53'.89 E) and No35 (37° 49'.94 S 144° 53'.92 E) and the coastline.

Four light buoys exist between light beacons No33 and No35.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

488(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Wedge Point - Light buoy off station

Parks Victoria Notice 156(T)/2017

The special light buoy, *Fl(4)Y.10s* (38° 03'.54 S 144° 38'.65 E), is off station.

Chart temporarily affected - Aus 157

538(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Mud Islands - Beacon destroyed

Parks Victoria Notice 171(T)/2017

The special beacon (38° 15'.63 S 144° 46'.93 E) has been destroyed; a special buoy exists in situ.

Chart temporarily affected - Aus 158

586(T)/2017 AUSTRALIA - VICTORIA - Barwon Heads - Light buoy off station

Maritime Safety Victoria Notice 179(T)/2017

The south cardinal light buoy, *Q(6)+LFl.15s* (38° 17'.29 S 144° 30'.58 E), is off station.

Chart temporarily affected - Aus 143

634(T)/2017 AUSTRALIA - VICTORIA - Lakes Entrance - Dredging operations

Former Notice - 486(T)/2017 is cancelled

Gippsland Ports Notice 190(T)/2017

The dredge *Kalimna* is continuously dredging within Lakes Entrance and inner channels, including Reeve Channel; The Narrows; approach to Hopetoun Channel and approach to Cunninghame Arm.

The dredge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 182

764(T)/2017 AUSTRALIA - VICTORIA - Western Port - Hanns Inlet - Light beacons unlit

HMAS Cerberus

The light beacons, *Fl.G.8s* (38° 23'.26 S 145° 13'.95 E) and *Fl.R.8s* (38° 23'.30 S 145° 13'.94 E) are unlit.

Chart temporarily affected - Aus 150 - Aus 151 - Aus 152

845(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Obstructions

Parks Victoria Notice 247/2017

Obstructions with a least depth of 1.8m exist in the entrance to the marina between positions 37° 51'.650 S 144° 57'.746 E and 37° 51'.660 S 144° 57'.753 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 155

846(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Portarlinton - Harbour works

Former Notice - 397(T)/2017 is cancelled

Parks Victoria Notice 115(T)/2016, 174(T)/2016, 95(T)/2017, 244/2017

A new breakwater exists between the following positions:

38° 06'.76 S 144° 39'.44 E

38° 06'.63 S 144° 39'.45 E

38° 06'.60 S 144° 39'.28 E

38° 06'.61 S 144° 39'.26 E.

Harbour works are in progress and exclusion zones marked by special light buoys, *Fl.Y.5s*, exist in area bounded by the following positions:

38° 06'.74 S 144° 39'.28 E

38° 06'.71 S 144° 39'.08 E

38° 06'.62 S 144° 39'.09 E

38° 06'.64 S 144° 39'.30 E.

A port lateral light beacon, *Fl.R.3s*, exists in position 38° 06'.65 S 144° 39'.58 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 157

886(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - South Channel to Yarra River - Dredging operations

Port of Melbourne Corporation Notice 252(T)/2017

The dredge *Brisbane* and support vessels *QUA* and *John Norgate* are conducting dredging operations in the following locations:

South Channel (38° 18'.80 S 144° 47'.40 E)

Spoil grounds (38° 00'.80 S 144° 52'.80 E) and (38° 14'.80 S 144° 57'.50 E)

Station Pier Outer West berth (37° 50'.78 S 144° 55'.79 E)

Yarra River in the vicinity of position 37° 50'.02 S 144° 53'.83 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 144 - Aus 150 - Aus 154 - Aus 158

887(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Maribyrnong River - Drilling operations

Victorian Ports Corporation (Melbourne) Notice 258(T)/2017

Drilling operations are in progress in the vicinity of position 37° 48'.46 S 144° 54'.41 E.

The barge *Sealift 10* and support vessel *Sea Punt SP01* are on site and will monitor VHF Ch12. and 16

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

945(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light buoy

Victorian Regional Channels Authority Notice 263(T)/2017

The light beacon *F.Iso.G.3s No 5* (38° 06'.2S 144° 22'.7E) has been temporarily withdrawn; a light buoy *F.Iso.G.3s* exists in situ.

Chart temporarily affected - Aus 153 - Aus 157

998(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Barge

Parks Victoria Notice 282(T)/2017

A barge is moored in position 38° 08'.57 S 144° 21'.76 E.

Submerged cables marked by special buoys exist between the pier and the barge.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 153

1001(T)/2017 AUSTRALIA - VICTORIA - Port Welshpool - Harbour works

Gippsland Ports Notice 284(T)/2017

Works associated with the remediation of the Welshpool Pier (38° 42'.25 S 146° 27'.11 E) are in progress.

A floating boom has been established around the pier, marked at the pier end by six special light buoys, *Fl.Y.3s*.

Two barges, marked by lights, *Fl.Y.3s*, and two work boats are on site.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 182

TASMANIA

576(T)/2012 AUSTRALIA - TASMANIA - Frederick Henry Bay - Scientific instruments

Former Notice - 1229(T)/2011 is cancelled

Marine and Safety Tasmania

Scientific instruments marked by special conical light buoys exist as follows:

<i>Position</i>	<i>Characteristic</i>
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42° 56'.2 S 147° 37'.2 E	<i>Iso.4s</i>
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42° 58'.2 S 147° 34'.0 E	<i>Oc.3s.</i>
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Chart temporarily affected - Aus 171 - Aus 796

1103(T)/2014 AUSTRALIA - TASMANIA - Mercury Passage - Obstructions

Former Notice - 1046(T)/2014 is cancelled

Marine and Safety Tasmania Notice M108/2014

Obstructions, 2m above the seabed, exist in an area bounded by the following positions:

42° 38'.92 S 148° 00'.76 E

42° 38'.92 S 148° 00'.93 E

42° 38'.78 S 148° 00'.93 E

42° 38'.78 S 148° 00'.76 E.

Anchoring is prohibited in the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 170 - Aus 766 - Aus 797

169(T)/2016 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instruments

Former Notice - 329(T)/2015 is cancelled

Institute for Marine and Antarctic Studies

Subsurface scientific instruments, marked by subsurface buoys 3m above the seabed, exist in the following positions:

42° 22'.59 S 145° 31'.90 E

42° 23'.78 S 145° 28'.02 E.

Chart temporarily affected - Aus 177

170(T)/2016 AUSTRALIA - TASMANIA - Maria Island - Scientific instruments

Former Notice - 122(T)/2013 is cancelled

Sydney Institute of Marine Science

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

372(T)/2016 AUSTRALIA - TASMANIA - North West Bay - Mooring area

Marine and Safety Tasmania Notice M40/2016

A mooring area, marked by special light buoys, exists in an area bounded by the following positions:

43° 02'.75 S 147° 17'.91 E
43° 02'.66 S 147° 18'.04 E
43° 02'.74 S 147° 18'.15 E
43° 02'.82 S 147° 18'.00 E.

Mariners are advised to navigate with caution and to keep outside the area.

Chart temporarily affected - Aus 171 - Aus 174

627(T)/2016 AUSTRALIA - TASMANIA - Pipe Clay Head to Pitt Water - Scientific instruments

Former Notice - 309(T)/2014 is cancelled

University of Tasmania

Subsurface scientific instruments exist in the following positions:

42° 48'.25 S 147° 29'.91 E
42° 48'.29 S 147° 31'.42 E
42° 48'.43 S 147° 30'.02 E
42° 49'.18 S 147° 34'.71 E
42° 50'.70 S 147° 33'.57 E
42° 50'.74 S 147° 35'.11 E
42° 50'.90 S 147° 36'.91 E
42° 51'.05 S 147° 32'.08 E
42° 51'.33 S 147° 35'.89 E
42° 51'.69 S 147° 34'.85 E
42° 51'.82 S 147° 30'.92 E
42° 51'.82 S 147° 33'.36 E
42° 52'.35 S 147° 32'.10 E
42° 52'.70 S 147° 36'.29 E
42° 52'.94 S 147° 34'.16 E
42° 53'.24 S 147° 31'.16 E
42° 53'.79 S 147° 32'.67 E
42° 53'.88 S 147° 37'.33 E
42° 54'.20 S 147° 35'.44 E
42° 54'.37 S 147° 30'.53 E
42° 54'.47 S 147° 40'.80 E
42° 54'.67 S 147° 33'.87 E
42° 54'.92 S 147° 40'.78 E
42° 55'.13 S 147° 31'.80 E
42° 55'.36 S 147° 40'.76 E
42° 55'.81 S 147° 40'.74 E
42° 56'.99 S 147° 39'.68 E
42° 57'.04 S 147° 38'.01 E
42° 57'.15 S 147° 39'.22 E
42° 57'.15 S 147° 37'.41 E
42° 57'.28 S 147° 36'.79 E
42° 57'.40 S 147° 36'.20 E
42° 57'.51 S 147° 35'.59 E
42° 57'.62 S 147° 34'.99 E
42° 57'.73 S 147° 34'.44 E
42° 57'.86 S 147° 33'.85 E
42° 57'.96 S 147° 33'.30 E.

Chart temporarily affected - Aus 171 - Aus 796

944(T)/2016 AUSTRALIA - TASMANIA - Devonport - Light beacon destroyed

Former Notice - 686(T)/2016 is cancelled
Marine and Safety Tasmania Notice M92/2016, M144/2016

The port lateral light beacon, *Fl.R.1.5s* (41° 11'.17 S 146° 21'.94 E), has been destroyed; a special light buoy, *Fl.Y.5s*, exists in situ.

Chart temporarily affected - Aus 164

1009(T)/2016 AUSTRALIA - TASMANIA - Bruny Island - Adventure Bay - Scientific instruments southeastwards
Marine and Safety Tasmania Notice M139/2016

Subsurface scientific instruments marked by orange buoys exist in the following positions:

43° 22'.66 S 147° 35'.69 E
43° 23'.33 S 147° 35'.60 E
43° 18'.59 S 147° 22'.73 E
43° 18'.16 S 147° 22'.78 E
43° 22'.40 S 147° 36'.01 E.

Chart temporarily affected - Aus 173 - Aus 795 - Aus 796

1010(T)/2016 AUSTRALIA - TASMANIA - Eddystone Point - Scientific instruments southeastwards
Marine and Safety Tasmania Notice M139/2016

Four subsurface scientific instruments marked by orange buoys exist in the vicinity of each of the following positions:

41° 01'.97 S 148° 30'.58 E
41° 02'.28 S 148° 21'.52 E.

Chart temporarily affected - Aus 767 - Aus 798

1011(T)/2016 AUSTRALIA - TASMANIA - Flying Cloud Point - Scientific instruments westwards
Marine and Safety Tasmania Notice M139/2016

Four subsurface scientific instruments marked by orange buoys exist in the vicinity of each of the following positions:

43° 27'.50 S 145° 58'.12 E
43° 27'.92 S 145° 54'.42 E.

Chart temporarily affected - Aus 793

1194(T)/2016 AUSTRALIA - TASMANIA - Macquarie Harbour - Strahan - Harbour works
Marine and Safety Tasmania Notice M187/2016

Works associated with the remediation of the wharf (42° 09'.21 S 145° 19'.75 E) are in progress.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 177

1225(T)/2016 AUSTRALIA - TASMANIA - River Tamar - Moriarty Reach - Scientific instruments
Former Notice - 1195(T)/2016 is cancelled
Marine and Safety Tasmania Notice M194/2016

A marine current turbine exists on the surface within a 50m radius of position 41° 12'.27 S 146° 54'.95 E.

A subsurface scientific instrument, marked by a special buoy, exists in position 41° 12'.35 S 146° 54'.86 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 168

36(T)/2017 AUSTRALIA - TASMANIA - Huon River - Hospital Bay - Wreck
Marine and Safety Tasmania Notice M208/2016

A wreck marked by an orange buoy exists in position 43° 09'.53 S 146° 58'.36 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 174

440(T)/2017 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instruments
Marine and Safety Tasmania Notice M70/2017

Subsurface scientific instruments exist in positions 42° 13'.6 S 145° 19'.8 E and 42° 22'.0 S 145° 27'.9 E.

Chart temporarily affected - Aus 177 - Aus 792

539(T)/2017 AUSTRALIA - TASMANIA - Storm Bay - Scientific instrument
Marine and Safety Tasmania Notice M78/2017

A subsurface scientific instrument exists in position 43° 07'.84 S 147° 36'.88 E.

Chart temporarily affected - Aus 171 - Aus 795 - Aus 796

587(T)/2017 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instruments
Marine and Safety Tasmania Notice M87/2017

Subsurface scientific instruments exist as follows:

<i>Position</i>	<i>Metres below surface</i>
42° 15'.01 S 145° 19'.68 E	37
42° 15'.00 S 145° 19'.10 E	12
42° 15'.00 S 145° 18'.52 E	12
42° 14'.99 S 145° 17'.94 E	9
42° 14'.98 S 145° 17'.36 E	1
42° 15'.45 S 145° 19'.85 E	42
42° 15'.44 S 145° 19'.00 E	32
42° 15'.43 S 145° 18'.51 E	22
42° 15'.42 S 145° 17'.93 E	9
42° 15'.89 S 145° 20'.24 E	42
42° 15'.88 S 145° 19'.75 E	27
42° 16'.70 S 145° 16'.73 E	4
42° 16'.69 S 145° 16'.15 E	1
42° 17'.19 S 145° 20'.79 E	32
42° 17'.07 S 145° 20'.21 E	17
42° 17'.18 S 145° 19'.85 E	12
42° 17'.17 S 145° 19'.26 E	9
42° 17'.16 S 145° 18'.76 E	9
42° 17'.15 S 145° 18'.28 E	9
42° 17'.15 S 145° 17'.79 E	9
42° 17'.12 S 145° 16'.14 E	4
42° 17'.63 S 145° 21'.45 E	32
42° 15'.87 S 145° 19'.08 E	27
42° 15'.86 S 145° 18'.50 E	32
42° 15'.85 S 145° 17'.92 E	22
42° 15'.84 S 145° 17'.33 E	1
42° 16'.23 S 145° 20'.23 E	37
42° 16'.31 S 145° 19'.65 E	17
42° 16'.30 S 145° 19'.07 E	17
42° 16'.19 S 145° 18'.49 E	27
42° 16'.28 S 145° 17'.90 E	17
42° 16'.28 S 145° 17'.32 E	4
42° 16'.76 S 145° 20'.80 E	37
42° 16'.74 S 145° 19'.64 E	12
42° 16'.73 S 145° 19'.06 E	12
42° 16'.73 S 145° 18'.65 E	12
42° 16'.71 S 145° 17'.80 E	9
42° 16'.71 S 145° 17'.31 E	4
42° 17'.62 S 145° 20'.74 E	22
42° 17'.61 S 145° 20'.20 E	17
42° 17'.61 S 145° 19'.62 E	17
42° 17'.60 S 145° 19'.03 E	9
42° 18'.06 S 145° 21'.35 E	27
42° 18'.05 S 145° 20'.77 E	17
42° 18'.05 S 145° 20'.19 E	22
42° 17'.98 S 145° 19'.61 E	17
42° 18'.03 S 145° 19'.02 E	9

42° 18'.50 S 145° 21'.34 E	22
42° 18'.49 S 145° 20'.76 E	27
42° 18'.48 S 145° 20'.18 E	22
42° 18'.57 S 145° 19'.59 E	17
42° 18'.46 S 145° 19'.01 E	9
42° 12'.83 S 145° 12'.85 E	4

Chart temporarily affected - Aus 177 - Aus 792

848(T)/2017 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Lippies Point - Marine farm
Marine and Safety Tasmania Notice M119/17

Works on the marine farm (43° 22'.50 S 147° 04'.25 E) are in progress.

The area will be marked by special light buoys, *Fl. Y. 4s*, in the following positions:

43° 23'.28 S 147° 03'.33 E
43° 21'.45 S 147° 04'.44 E
43° 21'.69 S 147° 05'.19 E
43° 23'.52 S 147° 04'.09 E.

Chart temporarily affected - Aus 173

888(T)/2017 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Soldiers Point - Marine farm works
Marine and Safety Tasmania Notice M127/2017

Works are in progress in an area bounded by the following positions:

43° 10'.60 S 147° 17'.01 E
43° 10'.92 S 147° 17'.50 E
43° 11'.11 S 147° 17'.26 E
43° 10'.79 S 147° 16'.77 E.

Chart temporarily affected - Aus 173

1002(T)/2017 AUSTRALIA - TASMANIA - Launceston - North Esk River - Harbour works
Marine and Safety Tasmania Notice 143/2017

Construction of a bridge is in progress in position 41° 25'.97 S 147° 07'.91 E.

Mariners are advised to navigate with caution in the area

Chart temporarily affected - Aus 168

PAPUA NEW GUINEA and SOUTH PACIFIC

164(T)/2013 PAPUA NEW GUINEA - Nuakata Passage - Oreore Channel - Light beacon destroyed
National Maritime Safety Authority PNG Notice 2(T)/2013

The port lateral light beacon, *Q.R* (10° 13'.69 S 150° 52'.77 E), has been destroyed.

Chart temporarily affected - Aus 628

424(T)/2015 PACIFIC OCEAN - Scientific instruments
JAMSTEC

Scientific instruments, Triton buoys, exist as follows:

<i>Number</i>	<i>Position</i>
4	0° 01'.05 N 156° 02'.53 E
5	2° 01'.03 S 155° 57'.47 E
9	0° 03'.58 N 147° 00'.65 E.

Chart temporarily affected - Aus 4604 (INT 604) - Aus 4622 (INT 622) - AX 04604U

144(P)/2016 PAPUA NEW GUINEA - Port Moresby - Harbour works; horizontal datum error
Australian Geospatial-Intelligence Organisation

Mariners are advised that new port infrastructure is under construction within Port Moresby including Fairfax Harbour. The coastline is in error by up to 50 metres. The Australian Hydrographic Service will update charts in due course. Mariners are advised to exercise caution when navigating these areas.

Chart which will be affected - Aus 622

979(T)/2016 PAPUA NEW GUINEA - Huon Gulf - Lae to Tami Islands - Survey operations
National Maritime Safety Authority PNG Notice 45(T)/2016

Survey vessel *Harbour Surveyor* and an AUV are conducting survey operations in an area bounded by the following positions:

6° 45'.4 S 147° 58'.0 E
6° 45'.6 S 147° 02'.5 E
6° 44'.1 S 147° 02'.5 E
6° 44'.4 S 147° 01'.4 E
6° 47'.2 S 146° 57'.7 E
6° 47'.2 S 147° 01'.0 E
6° 46'.2 S 147° 01'.0 E
6° 46'.2 S 147° 59'.2 E.

Chart temporarily affected - Aus 523 - Aus 642 - Aus 643

226(P)/2017 PAPUA NEW GUINEA - Padana Nahua Passage to Bootless Inlet - Shoaling
National Maritime Safety Authority PNG

Latest survey shows shoaler depths than those charted may exist in an area between positions 9° 35'.6 S 147° 16'.8 E and 9° 31'.2 S 147° 16'.4 E.

Charts will updated in due course.

Chart which will be affected - Aus 505 - Aus 621

264(T)/2017 PAPUA NEW GUINEA - Vabukori - Light unlit
National Maritime Safety Authority PNG Notice 3(T)/2017

The light, *Oc.6s 90m 10M* (9° 29'.79 S 147° 11'.34 E), is unlit.

Chart temporarily affected - Aus 379 - Aus 505 - Aus 621

298(T)/2017 PAPUA NEW GUINEA - Huon Gulf - Light buoy off station

National Maritime Safety Authority PNG Notice 9(T)/2017

The isolated danger light buoy, Q(2)5s (6° 48'.38 S 146° 58'.28 E), is off station.

Chart temporarily affected - Aus 643

299(T)/2017 PAPUA NEW GUINEA - Madehas Island - Light unlit

National Maritime Safety Authority PNG Notice 8(T)/2017

The light, *Fl.10s 137m 16M* (5° 27'.63 S 154° 38'.06 E), is unlit.

Chart temporarily affected - Aus 397 - Aus 399 - Aus 684 - Aus 4060 (INT 60) - Aus 4604 (INT 604) - Aus 4622 (INT 622)

531(P)/2017 PAPUA NEW GUINEA - Lae - Infrastructure; coastline

National Maritime Safety Authority PNG

The infrastructure and coastline between the Tanker Berth (6° 44'.52 S 146° 59'.22 E) and Voco Point (6° 44'.37 S 147° 00'.56 E) may differ to what is currently charted.

Mariners are advised to navigate with caution in the area.

Charts will updated in due course.

Chart which will be affected - Aus 642 - Aus 643

664(T)/2017 PACIFIC OCEAN - Scientific instruments

UKHO

Grey pillar buoys exist in the following positions:

5° 02'.3 N 164° 49'.9 E

0° 00'.8 N 164° 59'.8 E

1° 59'.9 S 164° 58'.6 E

5° 01'.0 S 165° 10'.0 E

8° 02'.2 S 164° 46'.4 E.

Chart temporarily affected - Aus 4623 (INT 623)

877(T)/2017 PAPUA NEW GUINEA - Kimbe - Light beacon unlit

National Maritime Safety Authority PNG Notice 13(T)/2017

The light beacon, *Fl(3)G.9s 6m 4M No4* (5° 32'.66 S 150° 09'.07 E), is unlit.

Chart temporarily affected - Aus 674 - Aus 677

990(T)/2017 PAPUA NEW GUINEA - Batumata Point - Survey operations southeastwards

National Maritime Safety Authority PNG Notice 14(T)/2017

MV *Guru* is conducting survey operations in the vicinity of the following buoys:

<i>Position</i>	<i>Remarks</i>
10° 47'.52 S 149° 12'.79 E	special light buoy, <i>Fl(5)Y.15s</i>
10° 47'.25 S 149° 11'.82 E	subsurface mooring buoy

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 507 - Aus 4620 (INT 620) - Aus 4621 (INT 621)

EAST TIMOR

NIL

MISCELLANEOUS

677(P)/2017 SOLOMON ISLANDS - Honiara and Lungga Roads - Shoaling UKHO

Latest survey shows shoaler depths than those charted may exist in the approaches to Honiara and within Lungga Roads (9° 25'.0 S 159° 58'.8 E).

Charts will updated in due course.

Chart which will be affected - SLB 101

678(T)/2017 SOLOMON ISLANDS - Lungga Point - Light beacon unlit Australian Hydrographic Service

The light beacon, *Fl(3)20s 10m 5M* (9° 24'.26 S 160° 01'.66 E), is unlit.

Chart temporarily affected - SLB 101 - SLB 201

679(T)/2017 SOLOMON ISLANDS - Maana'oba Island to Mbita'ama Harbour - Lights unlit Australian Hydrographic Service

The light, *Fl. 10s 9m 11M* (8° 17'.32 S 160° 48'.08 E), is unlit.

The light, *Fl.R. 10s 8m 3M* (8° 24'.11 S 160° 35'.15 E), is unlit.

Chart temporarily affected - Aus 4604 (INT 604) - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 304 - SLB 305

680(T)/2017 SOLOMON ISLANDS - Marau Sound - Light beacons unlit Australian Hydrographic Service

The following light beacons are unlit:

<i>Position</i>	<i>Remarks</i>
9° 51'.20 S 160° 51'.27 E	Front lead, <i>Fl.R. 3s 3m 2M</i>
9° 50'.78 S 160° 51'.32 E	Rear lead, <i>Q(2)10s 12m 5M</i>
9° 49'.86 S 160° 49'.47 E	<i>Fl.G. 3s 2m 2M</i>
9° 48'.53 S 160° 49'.90 E	Front lead, <i>Fl.R. 3s 3m 2M</i>
9° 48'.88 S 160° 49'.75 E	Rear lead, <i>Fl(2)15s 6m 4M</i>

Chart temporarily affected - SLB 101

681(T)/2017 SOLOMON ISLANDS - Ndende Island - Tomotu Neo - Light unlit Australian Hydrographic Service

The light, *Fl. 10s 15m 8M* (10° 42'.13 S 165° 47'.08 E), is unlit.

Chart temporarily affected - Aus 4623 (INT 623) - SLB 107

682(T)/2017 SOLOMON ISLANDS - Nega Point - Light beacons unlit Australian Hydrographic Service

Leading light beacons, *Fl. 3s 5m 3M* (8° 04'.07 S 156° 50'.23 E) and *Fl. 5s 11m 5M* (8° 04'.39 S 156° 50'.10 E), are unlit.

Chart temporarily affected - SLB 102 - SLB 301 - SLB 302

683(T)/2017 SOLOMON ISLANDS - San Christobal Island - Wangoraha Point - Light unlit Australian Hydrographic Service

The light, *Fl. 5s 30m 8M* (10° 17'.93 S 161° 35'.07 E), is unlit.

Chart temporarily affected - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 305

684(T)/2017 SOLOMON ISLANDS - Vagho Point - Light unlit
Australian Hydrographic Service

The light, *Fl. WRG. 10s 51m 8/5M* (7° 10'.17 S 156° 51'.99 E), is unlit.

Chart temporarily affected - Aus 4604 (INT 604) - Aus 4621 (INT 621) - Aus 4622 (INT 622) - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 301 - SLB 302