

TEMPORARY AND PRELIMINARY NOTICES
In force on 8 February 2019

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

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

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

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>
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37° 04'.59 S 149° 54'.43 E	
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37° 04'.87 S 149° 53'.47 E	
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37° 05'.14 S 149° 57'.66 E	marked by special light buoy, Q.Y
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Chart temporarily affected - Aus 192

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

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

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

1029(T)/2017 AUSTRALIA - NEW SOUTH WALES - Kiama - Light range reduced
 NSW Roads and Maritime Services

The light, *Fl(4) 20s 36m 16M* (34° 40'.31 S 150° 51'.75 E), has been altered to *Fl(4) 20s 36m 9M*

Chart temporarily affected - Aus 191 - Aus 489 - Aus 808 - Aus 4643 (INT 643)

71(T)/2018 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Montagu Point - Beacon destroyed
 Department of Defence

The beacon (35° 01'.57 S 150° 46'.68 E) has been destroyed.

Chart temporarily affected - Aus 193

323(T)/2018 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Dawes Point - Harbour works; exclusion zone
Port Authority of New South Wales Notice 7/2018

Harbour works are being conducted in an exclusion zone marked by buoys and lights in an area bounded by the following positions:

33° 51'.22 S 151° 12'.61
33° 51'.20 S 151° 12'.56
33° 51'.23 S 151° 12'.54
33° 51'.25 S 151° 12'.59.

Chart temporarily affected - Aus 200 - Aus 202

400(P)/2018 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Parramatta River - Shoaling
Port Authority of New South Wales

Latest survey shows shoaler depths than those charted may exist upstream of Archer Point (34° 49'.18 S 151° 04'.40 E).

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 200 - Aus 203

491(T)/2018 AUSTRALIA - NEW SOUTH WALES - Ulladulla - Warden Head - Light altered
NSW Roads and Maritime Services

The light, *Fl(2)10s 34m 14M* (35° 21'.93 S 150° 29'.46 E), has been altered to *Fl(2)10s 29.5m 5.7M*.

Chart temporarily affected - Aus 191 - Aus 807 - Aus 4643 (INT 643)

573(T)/2018 AUSTRALIA - NEW SOUTH WALES - Callo Point - Exclusion zone
NSW Roads and Maritime Services

A wreck exists off Callo Point and an exclusion zone exists bounded by the following positions:

36°36'.20 S 150°02'.45 E
36°36'.23 S 150°04'.13 E
36°37'.80 S 150°02'.58 E
36°37'.81 S 150°01'.32 E.

Mariners are advised to navigate with caution.

Chart temporarily affected - Aus 806

682(T)/2018 AUSTRALIA - NEW SOUTH WALES - Nobbys Head - Obstructions eastwards
Australian Maritime Safety Authority

Due to shipping containers lost overboard, obstructions on the seabed are likely to exist in position 32° 59'.36 S 152° 01'.97 E and in the areas bounded by the following positions:

33° 00'.25 S 152° 03'.05 E
33° 00'.70 S 152° 04'.41 E
33° 01'.66 S 152° 04'.44 E
33° 01'.88 S 152° 03'.41 E
and
32° 57'.56 S 152°03'.68 E
32° 57'.97 S 152°04'.77 E
32° 59'.23 S 152°03'.70 E
32° 58'.33 S 152°02'.99 E
and
32° 55'.38 S 152° 02'.80 E
32° 56'.66 S 152° 03'.81 E
32° 56'.72 S 152° 03'.26 E
32° 56'.09 S 152° 02'.20 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 489 - Aus 809

779(T)/2018 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Light buoy off station
N Whybrow , Department of Defence

The special spar light buoy, *Fl.Y.10s No1* (35° 06'.39 S 150° 43'.44 E), is off station.

Chart temporarily affected - Aus 193

871(T)/2018 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Hyams Beach - Light buoy
Former Notice - 210(T)/2018 is cancelled
Australian Maritime Warfare Centre

A special light buoy, *Fl.Y.5s*, exists in position 35° 06'.23 S 150° 42'.85 E.

Chart temporarily affected - Aus 193

QUEENSLAND

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

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)

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 No 13*, (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

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 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

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

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 -

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

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

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

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

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 - Navais off station
Maritime Safety Queensland Notice 87(T)/2017

Navais 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

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

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

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 - Navaids off station; navaids 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1034(T)/2017 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoy off station eastwards
Former Notice - 912(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(4).Y 19s*, exists in position 19° 18'.06 S 147° 37'.23 E.

Chart temporarily affected - Aus 826 - Aus 827

1035(T)/2017 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Dream Island - Beacon destroyed
Maritime Safety Queensland Notice 460(T)/2017

The starboard lateral beacon (25° 36'.82 S 152° 57'.47 E) has been destroyed; a starboard lateral buoy exists in situ.

Chart temporarily affected - Aus 240

1036(T)/2017 AUSTRALIA - QUEENSLAND - Inskip Point - Light unlit
Maritime Safety Queensland Notice 461(T)/2017

The rear lead light, *Iso.Bu.2s* (25° 48'.67 S 153° 03'.81 E), is unlit.

Chart temporarily affected - Aus 240 - Aus 815 - Aus 817

1090(T)/2017 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Wreck
Maritime Safety Queensland

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 16° 56'.87 S 145° 47'.15 E.

Chart temporarily affected - Aus 263 - Aus 264

1095(T)/2017 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Marine farm; light buoy
Maritime Safety Queensland notice 477(T)/2017

A marine farm, marked by a special light buoy, *Fl.Y.4s*, exists in position 27° 03'.04 S 153° 07'.97 E.

Chart temporarily affected - Aus 236

27(T)/2018 AUSTRALIA - QUEENSLAND - Brisbane - Redcliffe Jetty - Harbour works
Maritime Safety Queensland

Harbour works are in progress at the head of Redcliffe Jetty (27° 13'.567 S 153° 07'.047 E)

All vessels will display appropriate lights and symbols.

Mariners are advised to navigate with caution

Chart temporarily affected - Aus 236

28(T)/2018 AUSTRALIA - QUEENSLAND - First Three Mile Opening - Light unreliable

Australian Maritime Safety Authority

The light, *Fl.5s 14m 10M* (13° 26'.21 S 143° 58'.15 E), is unreliable.

Chart temporarily affected - Aus 281

33(T)/2018 AUSTRALIA - QUEENSLAND - Weipa - South Channel - Light beacon destroyed

Former Notice - 839(T)/2017 is cancelled

Maritime Safety Queensland Notice 500(T)/2017

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

Chart temporarily affected - Aus 4

72(T)/2018 AUSTRALIA - QUEENSLAND - Fitzroy Island - Bird Rock - Light buoys

Former Notice - 29(T)/2018 is cancelled

Maritime Safety Queensland Notice 503(T)/2017

Two special light buoys, *Fl.Y.2·5s* exist in position 16° 55'.43 S 145° 59'.43 E.

Chart temporarily affected - Aus 830

110(P)/2018 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Maritime Safety Queensland

Shoaling exists from the end of the southern breakwater (27° 56'.11 S 153° 26'.01 E), extending in a northeasterly direction to a least depth of 3.8m in position 27° 56'.01 S 153° 26'.17 E.

Chart which will be affected - Aus 230

164(T)/2018 AUSTRALIA - QUEENSLAND - Red Island Point - Wreck

Maritime Safety Queensland Notice 37(T)/2018

A wreck marked by a special light buoy, *Fl.Y.4s*, exists in position 10° 50'.85 S 142° 21'.72 E.

Chart temporarily affected - Aus 294

213(T)/2018 AUSTRALIA - QUEENSLAND - Bribie Island - South Point - Shoaling

Maritime Safety Queensland

Shoaling exists at the southern end of Bribie Island, with a least depth of 0.5m in position 27° 06'.18 S 153° 11'.24 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

215(T)/2018 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Oyster Point - Wreck

Maritime Safety Queensland

A stranded wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 18° 16'.10 S 146° 03'.06 E.

Chart temporarily affected - Aus 259

217(T)/2018 AUSTRALIA - QUEENSLAND - Point Danger - Scientific instrument

Maritime Safety Queensland Notice 66(T)/2018

A special light buoy, *Fl.Y.3s*, exists in position 28° 09'.55 S 153° 33'.16 E.

Chart temporarily affected - Aus 813 - Aus 814

250(T)/2018 AUSTRALIA - QUEENSLAND - Burnett River - Distillery Reach - Wreck
Maritime Safety Queensland Notice 69(T)/2018

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 24° 51'.10 S 152° 21'.84 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

255(T)/2018 AUSTRALIA - QUEENSLAND - Weipa - Albatross Bay - Scientific instruments
Former Notice - 76(T)/2018 is cancelled
Maritime Safety Queensland Notice 82(T)/2018

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

12° 54'.38 S 141° 38'.84 E

12° 40'.79 S 141° 44'.97 E

12° 40'.43 S 141° 46'.60 E

12° 40'.28 S 141° 50'.70 E

12° 41'.54 S 141° 52'.21 E

12° 56'.85 S 141° 35'.98 E.

Chart temporarily affected - Aus 4 - Aus 301 - Aus 701

291(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Pelican Banks - Beacon damaged
Maritime Safety Queensland

The port lateral beacon, (27° 35'.87 S 153° 24'.68 E), is damaged.

Chart temporarily affected - Aus 236

293(T)/2018 AUSTRALIA - QUEENSLAND - Weipa - Dredging operations
Maritime Safety Queensland

The dredge *Brisbane* and support vessels are conducting dredging operations in the Port of Weipa.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 4

324(T)/2018 AUSTRALIA - QUEENSLAND - Brisbane River - Humbug Reach - Harbour works
Maritime Safety Queensland Notice 115(T)/2018

The barge *Calliope* and support vessels are conducting harbour works in the vicinity of position 27° 28'.31 S 153° 03'.15 E.

Vessels will display appropriate lights and shapes and monitor VHF Ch 13.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

361(T)/2018 AUSTRALIA - QUEENSLAND - Gold Coast - Scientific instruments
Former Notice - 252(T)/2018 is cancelled
Maritime Safety Queensland Notice 122(T)/2018

Special light buoys exist as follows:

<i>Position</i>	<i>Remarks</i>
27° 57'.71 S 153° 26'.50 E	<i>Fl.Y.2-5s</i>
27° 57'.79 S 153° 26'.50 E	<i>Fl.Y.2-5s</i>
27° 57'.96 S 153° 26'.49 E	<i>Fl(5)Y 20s</i>
27° 58'.01 S 153° 26'.48 E	<i>Fl(5)Y 20s</i>

27° 58'.08 S 153° 26'.44 E *Fl(5)Y 20s*

Chart temporarily affected - Aus 230

362(T)/2018 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Light buoy off station

Maritime Safety Queensland Notice 132(T)/2018

The starboard lateral light buoy, *Fl.G.2-5s No5* (18° 23'.23 S 146° 11'.78 E), is off station.

Chart temporarily affected - Aus 259

363(T)/2018 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations

Maritime Safety Queensland

The dredge *Brisbane* and support vessels *Pacific Conquest* and *Investigator* are conducting dredging operations in the entrance channel (17° 26'.00 S 140° 44'.00 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 6

406(T)/2018 AUSTRALIA - QUEENSLAND - Gold Coast Seaway to Narrownneck Reef - Dredging operations

Maritime Safety Queensland

The dredge *Faucon* is conducting dredging operations between Gold Coast Seaway (27° 56'.2 S 153° 26'.1 E) and Narrownneck Reef (27° 59'.2 S 153° 26'.0 E) within 1.5M of the coast .

Vessel will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

408(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Scientific instruments

Maritime Safety Queensland

Subsurface scientific instruments marked by special light buoys, *Fl.Y.4-5s*, exist in the following positions:

27° 06'.00 S 153° 15'.60 E

27° 02'.13 S 153° 16'.77 E.

Chart temporarily affected - Aus 235 - Aus 236

411(T)/2018 AUSTRALIA - QUEENSLAND - Weipa - Hey River - Exclusion zone

Former Notice - 840(T)/2017 is cancelled

Maritime Safety Queensland

Vessel *Jumbo Jubilee* is conducting transhipment operations in position 12° 44'.72 S 141° 53'.99 E.

A 350m exclusion zone exists.

Chart temporarily affected - Aus 4

455(T)/2018 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Light beacon

Maritime Safety Queensland Notice 178(T)/2018

A light beacon, *Fl.G.4s*, exists in position 24° 45'.26 S 152° 23'.87 E.

Chart temporarily affected - Aus 242

492(T)/2018 AUSTRALIA - QUEENSLAND - Bowen - Harbour works

Maritime Safety Queensland Notice 198(T)/2018

The barge *PMG 121* and support vessel *Swordfish* are conducting harbour works in the vicinity of position 20° 01'.37 S 148° 15'.03 E.

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

Mariners are advised to navigate with caution in the area.

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

494(T)/2018 AUSTRALIA - QUEENSLAND - Brisbane River - Pinkenba Reach - Harbour works
Maritime Safety Queensland

Harbour works are being conducted in the vicinity of Incitec Pivot Wharf (27° 25'.86 S 153° 07'.41 E).

VHF Ch 12 will be monitored

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

495(T)/2018 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Light buoy off station
Maritime Safety Queensland Notice 187(T)/2018

The port lateral light buoy, *Q.R No18* (18° 30'.43 S 146° 19'.13 E), is currently in position 18° 30'.10 S 146° 18'.83 E.

Chart temporarily affected - Aus 267

528(T)/2018 AUSTRALIA - QUEENSLAND - Mooloolaba Harbour - Light buoy
Maritime Safety Queensland

A special spherical light buoy, *Fl.Y.2-5s*, exists in position 26° 41'.20 S 153° 07'.57 E.

Chart temporarily affected - Aus 235

530(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Scientific instrument
Former Notice - 1207(T)/2016 is cancelled
Maritime Safety Queensland

A scientific instrument marked by a special cylindrical light buoy, *Q.Y* exists in position 27° 20'.62 S 153° 13'.23 E.

Chart temporarily affected - Aus 236

531(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Russell Island - Light Buoy;Wreck
Maritime Safety Queensland Notice 231(T)/2018

A wreck marked by a special cylindrical light buoy, *Fl.Y.2-5s*, exists in position 27° 38'.65 S 153° 22'.62 E.

Chart temporarily affected - Aus 236

576(T)/2018 AUSTRALIA - QUEENSLAND - Cairns - Light unreliable
Maritime Safety Queensland Notice 233(T)/2018

The rear red light sector, *F & Al.WRG.4s 18m 11M* (16° 55'.17 S 145° 46'.83 E), is unreliable.

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

577(T)/2018 AUSTRALIA - QUEENSLAND - Daintree River - Light buoy withdrawn
Maritime Safety Queensland

The starboard lateral light buoy, *Fl.G.3s* (16° 18'.74 S 145° 27'.04 E), has been temporarily withdrawn.

Chart temporarily affected - Aus 831

578(T)/2018 AUSTRALIA - QUEENSLAND - Hervey Bay - Wreck
Maritime Safety Queensland Notice 238(T)/2018

A wreck marked by two special light buoys, *Fl.Y.5s*, exists in position 24° 53'.02 S 152° 48'.05 E.

Chart temporarily affected - Aus 817

630(T)/2018 AUSTRALIA - QUEENSLAND - Brisbane River - Petrie Bight - Harbour works

Former Notice - 358(T)/2018 is cancelled

Maritime Safety Queensland Notice 258(T)/2018

Works are in progress in the vicinity of position 27° 27'.76 S 153° 02'.14 E.

The barge *Casa P190* is on site and has deployed anchors marked by buoys, which indicate a safe clearance depth of at least 5m.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

633(T)/2018 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Broadwater - Light buoy

Maritime Safety Queensland Notice 257(T)/2018

A port lateral cylindrical light buoy, *Fl.R.2-5s* exists in approximate position 27° 56'.46 S 153° 25'.01 E.

Chart temporarily affected - Aus 230

642(T)/2018 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations

Maritime Safety Queensland Notice 270(T)/2018

The dredge *Brisbane* is conducting dredging operations in the Port of Townsville, the Sea Channel and Platypus Channel in an area bounded by the following positions:

19°16'.97 S 146°48'.78 E
19°16'.91 S 146°51'.52 E
19°14'.03 S 146°51'.65 E
19°08'.06 S 146°54'.45 E
19°07'.68 S 146°53'.20 E
19°14'.28 S 146°48'.88 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 256 - Aus 257 - Aus 827

643(P)/2018 AUSTRALIA - QUEENSLAND - Weipa - Shoaling

Maritime Safety Queensland

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

12° 40'.92 S 141° 41'.16 E
12° 40'.92 S 141° 37'.76 E
12° 38'.23 S 141° 37'.76 E
12° 38'.23 S 141° 41'.16 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 4 - Aus 701

683(T)/2018 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations

Maritime Safety Queensland

The dredge, *Brisbane*, and support vessels are conducting dredging 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

685(T)/2018 AUSTRALIA - QUEENSLAND - Karumba - Shoaling

Maritime Safety Queensland Notice 283/2018

Shoaling exists in the entrance channel between beacon No8 (17° 26'.36 S 140° 44'.73 E) and beacon No10 (17° 26'.65 S 140° 45'.32 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 6

686(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - South Brisbane Reach - Survey operations

Maritime Safety Queensland Notice 291(T)/2018

Survey operations are in progress between Goodwill Bridge (27° 28'.82 S 153° 01'.63 E) and Victoria Bridge (27° 28'.34 S 153° 01'.27 E).

Barge *MDT 121* and support vessel *Bhagwan Jackal* are on site and will display appropriate lights and shapes and will monitor VHF Ch 13 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

687(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Rainbow Channel - Shoaling

Maritime Safety Queensland Notice 279(T)/2018

Shoaling has been reported in Rainbow Channel between beacon Wangal North (27° 25'.35 S 153° 25'.10 E) and beacon Wangal South (27° 27'.17 S 153° 24'.97 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

688(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Juno Point - Harbour works northwestwards

Maritime Safety Queensland Notice 296(T)/2018

Works associated with the upgrade of the airport runway are in progress in an area bounded by the following positions:

27° 21'.19 S 153° 07'.33 E
27° 20'.88 S 153° 07'.53 E
27° 20'.96 S 153° 07'.70 E
27° 21'.27 S 153° 07'.51 E.

Construction area will be marked by special light buoys, *Fl.Y.4s*.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

727(T)/2018 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Harbour works

Maritime Safety Queensland Notice 316(T)/2018

Works associated with the construction of Queens Wharf are in progress in an area bounded by the following positions:

27° 28'.91 S 153° 01'.68 E
27° 28'.78 S 153° 01'.73 E
27° 28'.55 S 153° 01'.50 E
27° 28'.60 S 153° 01'.36 E.

Barges, *Caliope* and *Kochi*, and tugs are on site and will monitor VHF Ch 12, Ch 13 and Ch 16.

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

Safe water is marked by starboard lateral light buoys, *Fl.G.2-5s*, in position 27° 28'.57 S 153° 01'.46 E and 27° 28'.85 S 153°

01'.70 E.

Special light buoys and lights will be established to mark any hazards to navigation.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

728(P)/2018 AUSTRALIA - QUEENSLAND - Cooktown - Shoaling

Maritime Safety Queensland

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

15° 27'.78 S 145° 14'.39 E

15° 27'.82 S 145° 14'.36 E

15° 27'.85 S 145° 14'.43 E

15° 27'.78 S 145° 14'.67 E

15° 27'.56 S 145° 14'.77 E

15° 27'.55 S 145° 14'.74 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 270

732(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - North West Channel - Shoaling

Former Notice - 459(T)/2018 is cancelled

Maritime Safety Queensland Notice 312(T)/2018

Shoaling exists in North West Channel as follows:

<i>Position</i>	<i>Depth</i>
27° 00'.33 S 153° 14'.44 E	14.8m
27° 00'.04 S 153° 14'.45 E	14.9m

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235 - Aus 236

733(T)/2018 AUSTRALIA - QUEENSLAND - Port of Airlie - Muddy Bay - Harbour works

Maritime Safety Queensland Notice 325(T)/2018

Harbour works associated with the construction of new marina berthing arms is under way in the vicinity of position 20° 16'.25 S 148° 43'.46 E.

Mariners are advised to navigate with caution in the area.

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

781(T)/2018 AUSTRALIA - QUEENSLAND - Brisbane River - Aquarium Passage - Wreck

Maritime Safety Queensland Notice 326/2018

A wreck marked by a special light buoy, *Fl. Y. 3s*, exists in position 27° 25'.74 S 153° 07'.75 E.

Chart temporarily affected - Aus 238

782(P)/2018 AUSTRALIA - QUEENSLAND - Flinders Reef - Shoaling

Maritime Safety Queensland

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

17° 41'.74 S 148° 35'.82 E

17° 37'.88 S 148° 36'.44 E

17° 32'.09 S 148° 34'.36 E

17° 22'.81 S 148° 25'.78 E

17° 30'.72 S 148° 16'.29 E

17° 43'.51 S 148° 20'.39 E

17° 44'.26 S 148° 27'.71 E.

and:

17° 49'.85 S 148° 23'.54 E
17° 53'.82 S 148° 29'.12 E
17° 53'.16 S 148° 32'.28 E
17° 50'.79 S 148° 33'.13 E
17° 47'.63 S 148° 29'.64 E
17° 45'.93 S 148° 25'.72 E
17° 46'.73 S 148° 23'.97 E.

Mariners are advised to navigate with extreme caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 615

784(T)/2018 AUSTRALIA - QUEENSLAND - Gladstone Harbour - Scientific instruments

Maritime Safety Queensland Notice 351(T)/2018

Special light buoys, *Fl.Y.6s*, exist in positions 23° 45'.34 S 151° 19'.44 E and 23° 54'.19 S 151° 20'.93 E.

Chart temporarily affected - Aus 245 - Aus 246

785(T)/2018 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Stewart Island - Light beacon unlit

Maritime Safety Queensland Notice 323(T)/2018

The light beacon, *Fl.R.4s* (25° 38'.01 S 152° 57'.27 E), is unlit.

Chart temporarily affected - Aus 240

786(T)/2018 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Light buoy off station

Maritime Safety Queensland Notice 328(T)/2018

The port lateral light buoy, *Fl.R.2-5s No14* (18° 28'.34 S 146° 12'.99 E), is off station.

Chart temporarily affected - Aus 259

828(T)/2018 AUSTRALIA - QUEENSLAND - Cleveland Bay - Light buoy withdrawn

Maritime Safety Queensland Notice 354(T)/2018

The special light buoy, *Fl.Y.4s E1* (19° 08'.24 S 146° 55'.81 E), has been temporarily withdrawn; an obstruction, with least depth 12m, exists in situ.

Chart temporarily affected - Aus 256 - Aus 827

830(T)/2018 AUSTRALIA - QUEENSLAND - Flinders Reef - Light buoy withdrawn

Former Notices - 325(T)/2018, 456(T)/2018 are cancelled

Maritime Safety Queensland Notice 370(T)/2018

The north cardinal light buoy, *VQ* (26° 58'.20 S 153° 29'.46 E), has been temporarily withdrawn; a special spar light buoy, *Fl.Y.2-5s AIS*, exists in situ.

Chart temporarily affected - Aus 235 - Aus 236

831(T)/2018 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Stewart Island - Beacon destroyed

Maritime Safety Queensland Notice 358(T)/2018

The beacon in position 25° 37'.76 S 152° 58'.36 E has been destroyed; a starboard conical buoy exists in situ.

Chart temporarily affected - Aus 240

934(P)/2018 AUSTRALIA - CORAL SEA - Herald Cays - Shoaling

LADS Flight

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

16° 56'.81 S 149° 11'.03 E
16° 56'.18 S 149° 12'.15 E
16° 55'.38 S 149° 12'.19 E
16° 55'.13 S 149° 11'.82 E
16° 56'.39 S 149° 10'.44 E
19° 56'.81 S 149° 11'.03 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 616

971(T)/2018 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Obstruction
Maritime Safety Queensland Notice 435(T)/2018

An obstruction with least depth *4.9m*, exists in position 27° 26'.81 S 153° 04'.68 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

972(T)/2018 AUSTRALIA - QUEENSLAND - Freshwater Point to Slade Islet - Light buoys
Former Notice - 783(T)/2018 is cancelled
Maritime Safety Queensland Notice 429(T)/2018, 430(T)/2018

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

21° 05'.54 S 149° 14'.49 E
21° 10'.35 S 149° 15'.68 E
21° 19'.05 S 149° 18'.74 E
21° 24'.90 S 149° 20'.12 E.

Chart temporarily affected - Aus 249 - Aus 250

975(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Lamb Island - Light buoy; wreck
Maritime Safety Queensland Notice 410(T)/2018

A wreck marked by a special light buoy, *Fl. Y. 2-5s*, exists in position 27° 37'.82 S 153° 22'.23 E.

Chart temporarily affected - Aus 236

977(T)/2018 AUSTRALIA - QUEENSLAND - Rattlesnake Island - Live firing
Former Notice - 929(T)/2018 is cancelled
Maritime Safety Queensland Notice 432(T)/2018, 433(T)/2018

Live firing activities will be conducted within a 5M radius of position 19° 02'.45 S 146° 36'.72 E on 21 November and 27 November 2018.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 827

978(T)/2018 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Shoaling
Maritime Safety Queensland Notice 404(T)/2018

Shoaling, with least depth *1.7m*, exists within the entrance channel and Rosslyn Bay boat harbour (23° 09'.52 S 150° 47'.27 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 247

980(P)/2018 AUSTRALIA - QUEENSLAND - Wide Bay - Shoaling
Former Notice - 473(P)/2017 is cancelled
Maritime Safety Queensland Notice 164/2017

Shoaling exists in the entrance to Wide Bay Harbour (25° 47'.3 S 153° 06'.6 E).

Charts will be updated in due course.

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

1028(T)/2018 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Wreck

Maritime Safety Queensland Notice 443(T)/2018

A stranded wreck marked by a special light buoy, *Fl. Y. 3s*, exists in position 20° 15'.72 S 148° 43'.84 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 269

1031(T)/2018 AUSTRALIA - QUEENSLAND - Townsville - Sea Channel - Light beacon destroyed; obstruction

Former Notice - 117(T)/2018 is cancelled

Maritime Safety Queensland Notice 454(T)/2018

The port lateral light beacon, *Q.R S6* (19° 09'.39 S 146° 53'.00 E) has been destroyed; an obstruction with least depth 9m exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256

1035(T)/2018 AUSTRALIA - TORRES STRAIT - Thursday Island - Harbour works

Maritime Safety Queensland

Harbour works are in progress in the vicinity of position 10° 35'.21 S 142° 13'.25 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 293 - Aus 299

1091(T)/2018 AUSTRALIA - QUEENSLAND - Whitsunday Island - Cid Harbour - Buoys

Maritime Safety Queensland Notice 453(T)/2018

Special conical buoys exist in the following positions:

20° 14'.97 S 148° 57'.11 E

20° 15'.02 S 148° 57'.08 E

20° 15'.06 S 148° 57'.01 E

20° 15'.16 S 148° 56'.90 E

20° 15'.29 S 148° 56'.82 E

20° 15'.39 S 148° 56'.73 E

20° 15'.35 S 148° 56'.77 E

20° 15'.45 S 148° 56'.65 E

20° 15'.54 S 148° 56'.54 E

20° 15'.66 S 148° 56'.39 E

20° 15'.74 S 148° 56'.32 E

20° 16'.14 S 148° 55'.91 E

20° 16'.53 S 148° 55'.59 E.

Chart temporarily affected - Aus 252 - Aus 253

1140(T)/2018 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton and Quarantine Reach - Dredging operations

Maritime Safety Queensland Notice 497(T)/2018

A temporary dredge pump out facility for the *TSHD Brisbane* will be established in the vicinity of position 27° 24'.70 S 153° 08'.71 E.

A pipeline marked by 3 special light buoys, *Q. Y*, will run directly towards the northern bank.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237 - Aus 238

1141(T)/2018 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Tin Can Bay - Wreck; light buoys
Maritime Safety Queensland Notice 496(T)/2018

A wreck marked by two special light buoys, *Fl.Y.2-5s*, exists in position 25° 54'.13 S 153° 01'.60 E.

Chart temporarily affected - Aus 240

1142(T)/2018 AUSTRALIA - QUEENSLAND - Lucinda - Hinchinbrook Channel - Scientific Instruments
Maritime Safety Queensland

Subsurface scientific instruments marked by special buoys exist in positions 18° 29'.41 S 146° 15'.44 E and 18° 31'.71 S 146° 22'.60 E.

A subsurface scientific instruments exists in position 18° 31'.06 S 146° 19'.58 E.

Chart temporarily affected - Aus 259 - Aus 267

1145(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Raby Bay - Wreck
Maritime Safety Queensland Notice 468(T)/2018

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 27° 30'.64 S 153° 16'.46 E.

Chart temporarily affected - Aus 236

1146(T)/2018 AUSTRALIA - QUEENSLAND - South Molle Island - Harbour works
Maritime Safety Queensland Notice 484(T)/2018

Works associated with the demolition of the wharf (20° 15'.64 S 148° 50'.32 E) are in progress.

Barge *Steel Ranger* and tug *Alkira* are on site and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252 - Aus 253

1147(T)/2018 AUSTRALIA - QUEENSLAND - Whitsunday Island - Reef Point - Light buoy off station
Maritime Safety Queensland Notice 493(T)/2018

The port lateral light buoy, *Fl.R.2-5s* (20° 17'.46 S 148° 54'.68 E), is off station.

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

24(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Inner Bar Reach - Light buoy
Former Notice - 454(T)/2018 is cancelled
Maritime Safety Queensland Notice 507(T)/2018

A special light buoy, *Fl.Y.4s*, exists in position 27° 21'.47 S 153° 10'.40 E.

Chart temporarily affected - Aus 236 - Aus 237

25(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Dredging operations
Maritime Safety Queensland Notice 1(T)/2019

The dredge *Ken Harvey* and support vessels are conducting dredging operations in the vicinity of 27° 22'.86 S 153° 09'.43 E.

All mooring wires will be no more than 40m from swing basin boundary, marked with lit yellow buoys.

All vessels will display appropriate lights and shapes and monitor VHF Ch 12 & 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - Aus 237

69(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works
Maritime Safety Queensland

The barge *ENVIRO 8* is conducting works associated with the demolition of small jetties in the vicinity of 27° 26'.55 S 153° 03'.66 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - Aus 238

70(T)/2019 AUSTRALIA - QUEENSLAND - Cairncross Islets - Wreck; buoy
Maritime Safety Queensland Notice 12(T)/2019

A wreck marked by an emergency wreck buoy exists in position 11° 19'.34 S 143° 01'.68 E.

Chart temporarily affected - Aus 835 - Aus 839

72(T)/2019 AUSTRALIA - QUEENSLAND - Lucinda - Light buoy off station
Maritime Safety Queensland Notice 512(T)/2018

The isolated danger light buoy, *Iso.2s* (18° 30'.62 S 146° 23'.22 E), is off station.

Chart temporarily affected - Aus 259 - Aus 267 - Aus 828

73(T)/2019 AUSTRALIA - QUEENSLAND - Mackay - Harbour works
Former Notice - 1143(T)/2018 is cancelled
Maritime Safety Queensland Notice 22(T)/2019

Vessel *Co-star* and support vessels are conducting harbour works at Berth 3 (21° 06'.37 S 149° 13'.57 E) and 5 (21° 06'.20 S 149° 13'.67 E).

Vessels will monitor VHF Ch 10, 13 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 250

76(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Cleveland Bay - Obstruction
Maritime Safety Queensland Notice 24(T)/2019

An obstruction marked by a special light buoy, *Fl.Y.2s*, exists in position 19° 14'.37 S 146° 49'.58 E.

Chart temporarily affected - Aus 257

116(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton - Lights altered
Maritime Safety Queensland Notice 26(T)/2019

The day lights associated with leading lights, *Iso.Bu.2s (F.Y Day) No5R* (27° 25'.24 S 153° 08'.67 E) and *Q.Bu (F.Y Day) No5F* (27° 25'.03 S 153° 08'.75 E), are undergoing trials and different characteristics to those charted may be displayed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237 - Aus 238

117(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Luggage Point - Harbour works
Maritime Safety Queensland Notice 20(T)/2019

The barges *Maeve Anne* and *Aquila*, MT *Bhagwan Jackal* and support vessels are conducting works associated with the construction of the new Brisbane International Cruise Terminal in the vicinity of position 27° 22'.79 S 153° 09'.46 E.

An exclusion zone marked by special light buoys, *Fl.Y.6s*, exists around the works.

All vessels will monitor VHF Ch12.

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

Chart temporarily affected - Aus 237

118(P)/2019 AUSTRALIA - QUEENSLAND - Holt Island to Hexham Island - Shoaling
LADS Flight

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

22° 11'.75 S 150° 22'.51 E
22° 11'.90 S 150° 22'.99 E
22° 13'.77 S 150° 22'.25 E
22° 13'.51 S 150° 21'.60 E;
and
22° 00'.22 S 150° 23'.51 E
22° 01'.04 S 150° 23'.61 E
22° 02'.68 S 150° 18'.70 E
22° 01'.44 S 150° 16'.29 E
22° 00'.19 S 150° 21'.01 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 260 - Aus 261 - Aus 367 - Aus 822

120(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Inner Freeman Channel - Shoaling
Maritime Safety Queensland

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

27° 02'.21 S 153° 23'.91 E
27° 00'.16 S 153° 22'.75 E
27° 00'.43 S 153° 21'.87 E
27° 02'.75 S 153° 21'.44 E
27° 03'.60 S 153° 21'.75 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

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

121(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly Boat Harbour - Dredging operations
Former Notices - 635(T)/2018, 928(T)/2018 are cancelled
Maritime Safety Queensland Notice 33(T)/2019

The barge *IBIS II* and tug *Titan* along with support vessels are conducting dredging operations in the entrance of Manly Boat Harbour (27° 27'.56 S 153° 11'.38 E).

The barges and support craft will monitor VHF Ch 12,13 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

122(T)/2019 AUSTRALIA - QUEENSLAND - Nelly Bay - Light beacon unlit
Maritime Safety Queensland Notice 37(T)/2019

The light beacon, *Iso.G.2s No3* (19° 09'.69 S 146° 51'.37 E), is unlit.

Chart temporarily affected - Aus 256

123(T)/2019 AUSTRALIA - QUEENSLAND - Shute Harbour - Wreck
Maritime Safety Queensland Notice 31(T)/2019

A wreck exists in position 20° 17'.70 S 148° 47'.32 E.

Chart temporarily affected - Aus 269

124(T)/2019 AUSTRALIA - QUEENSLAND - The Broadwater - South Channel - Light buoys

Maritime Safety Queensland Notice 35(T)/2019

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

27° 56'.56 S 153° 25'.23 E

27° 56'.63 S 153° 25'.24 E

27° 56'.71 S 153° 25'.24 E

27° 56'.86 S 153° 25'.25 E

27° 56'.92 S 153° 25'.25 E.

Chart temporarily affected - Aus 230

125(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Obstructions; nav aids off station

Maritime Safety Queensland Notice 38(T)/2019, 43(T)/2019

Due to recent flooding, floating and submerged obstructions may exist in the waters of Ross River (19° 15'.86 S 146° 50'.38 E) and Cleveland Bay (19° 12'.46 S 146° 55'.13 E), and between the coastline in the Townsville region and the inner Great Barrier Reef (18° 49'.82 S 147° 20'.58 E). Nav aids may also be off station or damaged.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 257 - Aus 827 - Aus 828

126(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Breakwater Marina Channel - Obstruction

Maritime Safety Queensland Notice 54(T)/2019

An obstruction marked by a special light buoy, *Fl. Y. 4s*, exists in position 19° 14'.77 S 146° 49'.48 E.

A port lateral light buoy, *Q.R.*, has been established in position 19° 14'.77 S 146° 49'.49 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

NORTHERN TERRITORY

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

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

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

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

413(T)/2018 AUSTRALIA - NORTHERN TERRITORY - Apsley Strait - Light buoy off station
Department of Infrastructure, Planning and Logistics NT Coastal Notice 1(T)/2018

The port lateral light buoy, *Fl.R.4s* (11° 45'.85 S 130° 39'.80 E), is off station.

Chart temporarily affected - Aus 23 - Aus 722

461(T)/2018 AUSTRALIA - NORTHERN TERRITORY - Fish Reef - Light unlit
Department of Infrastructure, Planning and Logistics NT Notice 2(T)/2018

The light, *LFl.WR.10s 10m 10/8M* (12° 25'.93 S 130° 26'.56 E) is unlit.

Chart temporarily affected - Aus 29 - Aus 309 - Aus 316 - Aus 722 - Aus 4721 (INT 721)

753(T)/2018 INDIAN OCEAN - Gascoyne Plain - Light buoy off station
Australian Bureau of Meteorology

The special light buoy, *Fl.Y.2s* (14° 02'.7 S 110° 01'.7 E) is off station.

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

837(T)/2018 AUSTRALIA - NORTHERN TERRITORY - Fog Bay - Fish Aggregating Device
Department of Infrastructure, Planning and Logistics NT Coastal Notice 3(T)/2018

Special light buoy, *Fl.Y.3s*, with topmark exists in position 12° 40'.0 S 130° 10'.0 E.

Chart temporarily affected - Aus 316 - Aus 724

1037(T)/2018 AUSTRALIA - NORTHERN TERRITORY - Darwin - Cullen Bay - Light unlit
Former Notice - 119(T)/2018 is cancelled
Department of Infrastructure, Planning and Logistics NT

The rear lead light, *Iso.Bu.8s* (12° 27'.18 S 130° 49'.16 E) is unlit.

Chart temporarily affected - Aus 24

1092(T)/2018 AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Drill rig
MODU *Noble Tom Prosser*

Drill rig *Noble Tom Prosser* is moored in position 12° 11'.53 S 130° 35'.75 E.

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

1152(T)/2018 AUSTRALIA - NORTHERN TERRITORY - Gove Harbour - Scientific instruments
Rio Tinto

Subsurface scientific instruments exist in positions 12° 07'.94 S 136° 41'.51 E and 12° 18'.15 S 137° 00'.00 E.

Chart temporarily affected - Aus 715

31(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Aspley Strait - Medina Inlet - Light buoys off station
Department of Infrastructure, Planning and Logistics NT Notice 6/2018

Two starboard lateral light buoys, *Fl.G.4s* (11° 51'.65 S 130° 35'.07 E) and (11° 49'.85 S 130° 36'.78 E), are off station.

Chart temporarily affected - Aus 23 - Aus 722

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

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

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

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

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

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

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

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)

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

37(P)/2018 AUSTRALIA - WESTERN AUSTRALIA - Houtman Abrolhos - North Island to Pelsaert Island - Shoaling
Former Notice - 1099(P)/2017 is cancelled
Fugro LADS

In and around the islands and reefs of Houtman Abrolhos, between North Island (28° 17'.90 S 113° 35'.80 E) and Pelsaert Island (28° 56'.11 S 113° 58'.09 E), latest survey shows the existence of numerous shoaler depths than those charted.

The most significant shoals are as follows:

<i>Position</i>	<i>Depth</i>
28° 31'.19 S 113° 42'.04 E	8.5m
28° 41'.12 S 113° 46'.57 E	9.6m
28° 41'.51 S 113° 50'.93 E	10.9m
28° 41'.90 S 113° 47'.09 E	5.0m
28° 42'.34 S 113° 51'.41 E	12.6m
28° 44'.33 S 113° 47'.60 E	7.6m
28° 44'.66 S 113° 47'.86 E	5.9m
28° 45'.22 S 113° 49'.21 E	18.4m
28° 45'.61 S 113° 48'.94 E	10.1m

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 83 - Aus 332 - Aus 751

219(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Subsea operations
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)

304(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Yampi Sound - Comber Rock - Light beacon destroyed
Department of Transport WA Notice 57/2018

The isolated danger light beacon, *Fl(2)5s* (16° 06'.40 S 123° 39'.60 E), has been destroyed.

Chart temporarily affected - Aus 40 - Aus 732 - Aus 733

338(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Survey operations
Department of Transport WA Notice 62/2018

The vessel *Pure Adrenalin* is conducting survey operations at Cape Lambert (20° 34'.10 S 117° 12'.50 E) channel, swing basin and berths.

The vessel 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 55 - Aus 56

420(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Mooring buoy northwestwards
Go Offshore

A yellow mooring buoy exists in position 14° 01'.10 S 123° 17'.09 E.

Chart temporarily affected - Aus 319 - Aus 320

424(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - FPSO off station northwestwards
Woodside Energy Ltd

The FPSO *Ngujima-Yin* (21° 26'.03 S 114° 04'.02 E) is off station; an obstruction with least depth 50m exists in situ.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

463(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Town Point - Survey operations

Chevron Australia Pty Ltd Notice 2/2018

Vessels *Outer Limit* and *Gannet* are conducting survey operations at the materials offloading facility (20° 47'.74 S 115° 28'.83 E), and between the following positions:

20° 48'.27 S 115° 29'.12 E

20° 50'.74 S 115° 28'.87 E

and

20° 48'.95 S 115° 29'.54 E

20° 49'.68 S 115° 30'.75 E

Chart temporarily affected - Aus 65 - Aus 66

468(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Anderson Point Wharf - Dredging operations

Pilbara Ports Authority Notice PH 11(T)/2018

The dredge *Eastern Aurora* and support vessels are conducting dredging operations in the vicinity of position 20° 19'.77 S 118° 35'.14 E.

Floating and submerged pipelines marked by special light buoys, *Fl.Y.5s*, exist in the area.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 54

537(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Dredging operations

Fremantle Ports Notice 2/2018

The dredger *Modi-R* will be undertaking dredging operations in area bounded by the following positions:

32° 08'.33 S 115° 42'.20 E

32° 08'.27 S 115° 42'.40 E

32° 03'.60 S 115° 41'.34 E

32° 03'.63 S 115° 41'.13 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 112 - Aus 113 - Aus 114 - Aus 117 - Aus 754

538(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Subsea operations northwestwards

Technip

MV *Deep Orient* and support vessels will be conducting subsea operations in the vicinity of position 21° 25'.75 S 114° 05'.07 E.

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

586(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Harbour works

Pilbara Ports Authority Notice 15(T)/2018

Works associated with the removal and replacement of channel markers is in progress between 20° 10'.38 S 118° 30'.56 E and 20° 18'.70 S 118° 34'.33 E.

Vessels will monitor VHF Ch 12 & 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 52 - Aus 53

696(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Dredging operations

Department of Transport WA Notice 107/2018

The dredge, *Community Spirit*, is conducting dredging operations in the entrance channel (24° 54'.33 S 113° 38'.49 E)

A floating pipeline, marked by special light buoys, is connected to the dredge.

The dredge will display appropriate lights and shapes.

The dredge will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 73

699(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Varanus Island - Navaid replacement works

Department of Transport WA Notice 109/2018

Navaid replacement works are in progress at the light buoy *Q(3)R.7s* in position 20° 37'.93 S 115° 36'.20 E and the buoy in position 20° 38'.03 S 115° 36'.57 E.

Vessel *Mermaid Vision* is on site and will display appropriate lights and shapes and monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 65

739(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Ashburton - Dredging operations; survey operations

Pilbara Ports Authority Notice A2(T)/2018

Vessels *Juan Sebastian de Elcano*, *Bhagwan Renegade*, *Go Puriya* and *Pure Adrenalin* are conducting dredging and survey operations in the channel (21° 36'.5 S 115° 01'.5 E), swing basin (21° 40'.5 S 115° 00'.4 E), anchorages (21° 32'.5 S 114° 58'.0 E) and spoil ground (21° 29'.0 S 115° 08'.0 E).

Vessels will display appropriate lights and shapes and monitor VHF Ch 14 & Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 64 - Aus 69 - Aus 743 - Aus 744

742(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Rio Tinto Channel - Bed levelling operations; survey operations

Pilbara Ports Authority Notice D9(T)/2018

Vessel *MTS Vantage* is conducting bed levelling operations and vessel *PHS Zephyr* is conducting survey operations in the vicinity of No5W light beacon (20° 35'.71 S 116° 41'.61 E) and No6W light beacon (20° 36'.50 S 116° 41'.48 E).

Vessels will monitor VHF Ch 11 and Ch 16 and display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 58

749(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Point Samson - Dredging operations

Department of Transport WA Notice 110/2018

The dredge *Cooper II* is conducting dredging operations in the boat harbour (20° 38'.24 S 117° 11'.48 E) and entrance channel (20° 38'.36 S 117° 11'.54 E).

A 60m floating pipeline marked by special light buoys exists in the area. An amphibious excavator exists at the disposal site in the vicinity of position 20° 38'.58 S 117° 11'.08 E.

The dredge will display appropriate lights and shapes and will monitor VHF Ch 81 and Meg Ch 90. Mariners must make contact prior to navigating past the dredge.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 56

842(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Beadon Creek - Dredging operations

Department of Transport WA Notice 123/2018

The dredge *Pilbara Sawfish* and support vessels are conducting dredging operations in Beadon Creek (21° 38'.36 S 115° 07'.97 E).

A 300m floating pipeline, marked by special light buoys, exists from the dredge.

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

The dredge will monitor VHF Ch 16 and mariners must make contact prior to navigating past the dredge.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 69

887(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Light buoy off station northwestwards
Mid West Ports Notice 6/2018

The isolated danger light buoy, *Fl(2)5s* (28° 43'.88 S 114° 33'.24 E), is off station; an isolated danger light buoy, *Fl(2)4s AIS*, exists in situ.

Chart temporarily affected - Aus 81

938(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Subsea operations; pipeline operations
Former Notice - 746(T)/2018 is cancelled
Technip FMC

Vessel *Deep North Sea Atlantic* is conducting subsea and pipeline operations in the vicinity of position 21° 25'.75 S 114° 05'.07 E.

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

988(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Bedout Island - Scientific instruments northwestwards
Former Notice - 881(T)/2017 is cancelled
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° 50'.39 S 118° 51'.89 E	special pillar light buoy, <i>Q(5)Y.20s</i>
18° 50'.40 S 118° 51'.50 E	6m below surface
18° 50'.66 S 118° 51'.78 E	6m below surface
18° 50'.78 S 118° 51'.50 E	special spherical light buoy, <i>Q(5)Y.20s</i>
19° 02'.03 S 118° 43'.74 E	81m below surface
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

989(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Intercourse Island - Wreck
Pilbara Ports Authority Notice D11/2018

A stranded wreck exists in position 20° 39'.60 S 116° 37'.83 E.

Chart temporarily affected - Aus 57

991(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Ah Chong Island - Light unreliable
Quadrant Energy

The light, *Mo(U)Y.15s* (20° 32'.86 S 115° 36'.27 E), is unreliable.

Chart temporarily affected - Aus 327 - Aus 742

993(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Oil field to be decommissioned northwestwards
Woodside Energy Ltd

Vessel *Skandi Hercules* and support vessels are conducting works associated with the decommissioning of the Enfield field (21° 29'.0 S 114° 00'.0 E), which includes the disconnection of the *Nganhurra* FPSO.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

995(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Port Geographe Marina - Dredging operations

Department of Transport WA Notice 144/2018

The dredge *Mudlark I* is conducting dredging operations at the entrance to the marina (33° 37'.74 S 115° 23'.38 E).

A floating pipeline marked by special light buoys exists from the dredge.

The dredge will display appropriate lights and shapes and will monitor VHF Ch 16 and Marine 27 MHz Ch 90.

Mariners are requested to make contact before navigating past the dredge and advised to navigate with caution in the area.

Chart temporarily affected - Aus 116

1038(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Alkimos Reef - Drilling operations

Former Notice - 839(T)/2018 is cancelled

Department of Transport WA Notice 157/2018

Jack-up barge *Sealift 2* and support vessels are conducting drilling operations in an area bounded by the following positions:

31° 36'.67 S 115° 39'.65 E

31° 38'.12 S 115° 36'.25 E

31° 39'.70 S 115° 37'.05 E

31° 37'.64 S 115° 40'.00 E.

An exclusion zone of 50m exists around *Sealift 2* whilst drilling and 500m whilst conducting towing operations.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 754

1040(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Champion Bay - Light buoys off station; AIS

Mid West Ports Notice 9/2018

The port lateral pillar light buoy, *Oc.R.5s* (28° 42'.69 S 114° 34'.48 E), is off station and in position 28° 42'.62 S 114° 34'.57 E; a virtual AIS port lateral buoy exists in situ.

The starboard lateral pillar light buoy, *Oc.G.5s* (28° 42'.78 S 114° 34'.39 E), is off station and in position 28° 42'.76 S 114° 34'.42 E; a virtual AIS starboard lateral buoy exists in situ.

Chart temporarily affected - Aus 81 - Aus 751

1041(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Scientific instrument northwards

CSIRO

A special pillar light buoy, *F(4)Y.20s*, exists in position 16° 51'.02 S 115° 04'.87 E.

Chart temporarily affected - Aus 4723 (INT 723)

1042(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Underwater operations northeastwards

Blue Ocean Monitoring

RV *Warrego*, ROV and two AUVs are conducting underwater operations in an area bounded by the following positions:

21° 19'.52 S 114° 27'.32 E

21° 19'.54 S 114° 35'.06 E

21° 14'.81 S 114° 35'.08 E

21° 14'.82 S 114° 27'.26 E.

Chart temporarily affected - Aus 328 - Aus 744

1095(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Broome - Drill rig northwestwards
MODU ENSCO 5006

Drill rig ENSCO 5006 is moored in position 17° 45'.05 S 121° 20'.98 E.

Chart temporarily affected - Aus 324

1154(T)/2018 AUSTRALIA - WESTERN AUSTRALIA - Beadon Bay to Port of Ashburton - Scientific instruments
Department of Transport WA Notice 166/2018

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

21° 33'.89 S 115° 13'.66 E
21° 37'.52 S 115° 06'.69 E
21° 37'.60 S 115° 07'.30 E
21° 37'.66 S 115° 08'.94 E
21° 37'.87 S 115° 08'.63 E
21° 40'.57 S 115° 02'.62 E.

Chart temporarily affected - Aus 64 - Aus 69

1157(P)/2018 AUSTRALIA - WESTERN AUSTRALIA - Point D'Entrecasteaux to Point Nuyts - Shoaling
LADS Flight

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

34° 50'.71 S 116° 08'.52 E
35° 01'.54 S 116° 10'.54 E
35° 03'.52 S 116° 37'.62 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 336 - Aus 758

1158(P)/2018 AUSTRALIA - WESTERN AUSTRALIA - Wyndham - Roe Bank - Shoaling
Former Notice - 171(P)/2018 is cancelled
UKHO

Latest survey shows shoaler depths than those charted may exist between Middle Ground (15° 17'.85 S 128° 05'.70 E) and east cardinal light buoy, *VQ(3)5s Mangrove* (15° 21'.00 S 128° 06'.63 E), with least depths as follows:

<i>Position</i>	<i>Depth</i>
15° 17'.89 S 128° 05'.30 E	-1.5m
15° 18'.28 S 128° 05'.91 E	3.1m
15° 18'.63 S 128° 05'.35 E	1.9m
15° 18'.91 S 128° 05'.22 E	-0.8m
15° 19'.32 S 128° 06'.19 E	-1.4m
15° 20'.01 S 128° 06'.49 E	-1m
15° 20'.51 S 128° 06'.31 E	1.2m

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 32

33(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Light Beacon destroyed
Department of Transport WA

The south cardinal light beacon, *Q(6) + LFl. 15s 6M* (24° 54'.39 S 113° 37'.71 E), has been destroyed; an isolated danger light buoy, *Fl(2) 4.5s 3M* exists in situ.

Chart temporarily affected - Aus 73 - Aus 331

38(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Scientific instruments northwestwards
RPS MetOcean

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
19° 45'.77 S 114° 29'.02 E	1344m below surface
19° 46'.61 S 114° 35'.13 E	200m below surface
19° 46'.78 S 114° 56'.04 E	1281m below surface
19° 47'.47 S 114° 34'.48 E	745m below surface
19° 51'.50 S 115° 08'.21 E	1023m below surface
19° 52'.88 S 115° 10'.08 E	567m below surface
19° 53'.49 S 115° 11'.29 E	291m below surface
19° 54'.10 S 115° 12'.20 E	242m below surface
19° 54'.85 S 115° 12'.66 E	221m below surface
19° 55'.35 S 115° 12'.74 E	211m below surface
19° 55'.44 S 113° 10'.91 E	16m below surface
19° 56'.11 S 115° 13'.23 E	9m below surface
19° 56'.15 S 113° 44'.08 E	1102m below surface
19° 59'.44 S 115° 14'.52 E	266m below surface
20° 01'.66 S 115° 17'.26 E	87m below surface
20° 03'.39 S 115° 25'.55 E	60m below surface

Chart temporarily affected - Aus 327 - Aus 328 - Aus 4723 (INT 723)

39(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards

Former Notice - 940(T)/2018 is cancelled

Australian Maritime Safety Authority Auscoast Warning 012/2019

Drill rig *Enesco DPS-1* is conducting drilling operations in position 21° 30'.70 S 113° 52'.30 E.

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

40(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments

Pilbara Ports Authority Notice 26(T)/2018

Scientific instruments marked by orange buoys exist in positions 20° 18'.05 S 118° 35'.09 E and 20° 17'.96 S 118° 35'.19 E.

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

83(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Teggs Channel - Light buoy

Department of Transport WA Notice 16/2019

A starboard lateral light buoy, *Fl.G.3s*, exists in position 24° 54'.43 S 113° 38'.12 E.

Chart temporarily affected - Aus 73

86(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Five Fathom Bank - Military exercise westwards

Department of Defence

The Western Australia Exercise Area (WAXA) will be activated from 04 February to 11 March 2019 for a series of military exercises including Exercise Ocean Explorer, Diamond Seas, and SMASHEX.

SMASHEX is a real-time search for a missing submarine, from 20 to 22 February 2019. This exercise is to practice coordinated Search and Rescue operational procedures.

Vessels are advised to avoid the following area during the exercise. A Royal Australian Navy Submarine will be positioned on the seabed from 20 to 22 February 2019. Military surface vessels will conduct the exercise February 2019 in an area bounded by:

32° 30'.0 S 115° 00'.0 E,

32° 30'.0 S 115° 20'.0 E,

32° 10'.0 S 115° 20'.0 E,

32° 10'.0 S 115° 00'.0 E.

Mariners are advised to navigate with additional caution. Merchant traffic may be invited to alter course to facilitate naval training manoeuvres. Vessels transiting proximate to the area during the exercise period are advised to navigate with caution, monitor VHF Channel 16, and ensure their vessel's Automatic Identification Systems (AIS) is activated.

There will be an increase in traffic crossing the WAXA due to additional military exercises before and after Exercise SMASHEX. Maritime industry enquiries related to Exercise SMASHEX should be directed to RAN Maritime Trade Operations via phone +61 (0) 431764980 or email MTO.OPSO@defence.gov.au.

**Chart temporarily affected - Aus 112 - Aus 117 - Aus 335 - Aus 753 - Aus 754 - Aus 755 - Aus 756 - Aus 4725 (INT 725)
- Aus 4726 (INT 726)**

131(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Gas field to be decommissioned westwards
Quadrant Energy

Vessel *Sapura Constructor* and support vessel are conducting works associated with the decommissioning of the East Spar field in an area bounded by the following positions:

20° 44'.79 S 114° 58'.13 E

20° 43'.87 S 115° 00'.16 E

20° 41'.90 S 114° 59'.16 E

20° 42'.82 S 114° 57'.13 E.

A 500m clearance is requested around all vessels.

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

132(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Roly Rock - Drill rig
MODU *ENSCO 107*

Drill rig *EnSCO 107* is moored in position 20° 30'.66 S 116° 28'.84 E.

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

135(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Geographe Bay - Scientific instruments
Department of Transport WA 22(T)/2019

Scientific instruments marked by special spherical light buoys, *Fl. Y. 1-5s*, exist in the following positions:

33° 37'.34 S 115° 23'.84 E

33° 37'.33 S 115° 23'.75 E

33° 37'.50 S 115° 22'.34 E

33° 37'.50 S 115° 22'.28 E

33° 38'.07 S 115° 22'.40 E

33° 38'.08 S 115° 22'.27 E.

Chart temporarily affected - Aus 116

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

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

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

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

1101(T)/2017 AUSTRALIA - SOUTH AUSTRALIA - Lucky Bay - Harbour works

Department of Planning, Transport and Infrastructure SA

Works are in progress at Lucky Bay (33° 42'.45 S 137° 02'.18 E), and the area is restricted to authorised vessels only.

Chart temporarily affected - Aus 777

123(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Gulf St Vincent - Rogues Point - Artificial reef

Former Notice - 437(T)/2017 is cancelled

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.

A lit raft exists in position 34° 30'.59 S 137° 53'.99 E.

Chart temporarily affected - Aus 139 - Aus 781

173(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Cape Jaffa - Shoaling

Department of Planning, Transport and Infrastructure SA Notice 3/2018

Shoaling has occurred at the entrance to Cape Jaffa Marina (36° 56'.18 S 139° 41'.84 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 127

427(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Backstairs Passage - Cable operations

Fugro , Department of Planning, Transport and Infrastructure SA Notice 13/2018

On or about 27 May, Vessel *Southern star* is conducting submarine cable laying operations between the following positions:

35° 43'.8 S 138° 00'.5 E

35° 44'.7 S 138° 02'.1 E

35° 38'.5 S 138° 07'.7 E

35° 37'.5 S 138° 06'.1 E.

Mariners are advised to navigate with caution in the area. 500m clearance requested.

Chart temporarily affected - Aus 126 - Aus 347 - Aus 780

653(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Gulf of St Vincent - Scientific instruments

Department of Planning, Transport and Infrastructure SA Notice 15/2018

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

34° 46'.65 S 138° 27'.55 E

34° 47'.99 S 138° 28'.40 E

34° 54'.05 S 138° 28'.86 E .

Chart temporarily affected - Aus 130 - Aus 137 - Aus 138

700(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Adelaide - Bridge works

Department of Planning, Transport and Infrastructure SA 22/2018

Works on Birkenhead Bridge (34° 50'.53 S 138° 30'.10 E) are in progress.

The raising of the bridge will be prohibited during the works.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 130 - Aus 137

754(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Glenelg - Shoaling; dredging operations

Former Notice - 1000(T)/2016 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 26/2018

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

Dredging operations are in progress in the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 125

755(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Thevenard - Bosanquet Bay - Harbour works

Department of Planning, Transport and Infrastructure SA Notice 23/2018

Harbour works associated with the construction of a new breakwater are in progress in the vicinity of position 32° 09'.04 S 133° 39'.34 E.

The area is marked by special buoys and a light will be established at the end of the breakwater.

The boat ramp is closed during the works.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 120 - Aus 122

794(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Flinders Island - Point Malcolm - Light unlit

Department of Planning, Transport and Infrastructure SA Notice 28/2018

The light, *Fl(2) 10s 67m 11M* (33° 40'.90 S 134° 31'.59 E) is unlit.

Chart temporarily affected - Aus 342

1045(T)/2018 AUSTRALIA - SOUTH AUSTRALIA - Wirrina Cove - Light beacon unlit

Department of Planning, Transport and Infrastructure SA Notice 32/20178

The front lead light beacon, *F.Bu* (35° 30'.07 S 138° 14'.35 E), is unlit.

Chart temporarily affected - Aus 125 - Aus 347 - Aus 780

41(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Light beacon destroyed

Former Notice - 485(T)/2017 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 3/2016, 9/2016, 2/2019

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.

Chart temporarily affected - Aus 135

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

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

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

Chart temporarily affected - Aus 154

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

43(T)/2018 AUSTRALIA - VICTORIA - Port Albert - Shoaling
Gippsland Ports Notice 341(T)/2017

Shoaling with a least depth of *0.1m* exists midway between the starboard lateral light buoy *Fl.G.3s* (38° 44'.74 S 146° 41'.26 E) and the safe water light buoy *LFl.10s* (38° 43'.98 S 146° 42'.68 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 181 - Aus 182

45(T)/2018 AUSTRALIA - VICTORIA - Shoal Inlet Entrance - Light destroyed
Maritime Safety Victoria Notice 007(T)/2018

The light, *Fl.2s* (38° 40'.47 S 146° 50'.13 E) has been destroyed.

Chart temporarily affected - Aus 181

89(T)/2018 AUSTRALIA - BASS STRAIT - King Island - Scientific instrument
Marine and Safety Tasmania Notice M6/2018

Subsurface scientific instruments exist in the following positions:

39° 41'.17 S 144° 07'.47 E
39° 46'.00 S 144° 08'.73 E
39° 48'.06 S 144° 09'.08 E.

Chart temporarily affected - Aus 789

126(T)/2018 AUSTRALIA - VICTORIA - Ninety Mile Beach - Traffic separation scheme southwestwards
Australian Maritime Safety Authority

Two shipping fairways have been established adjoining the existing traffic separation scheme (38° 44'.20 S 148° 15'.20 E) as follows:

<i>Direction</i>	<i>Coordinates</i>
Westbound lane	38° 38'.41 S 148° 17'.58 E
	38° 23'.68 S 148° 40'.29 E
	38° 25'.42 S 148° 42'.28 E
Eastbound lane	38° 40'.80 S 148° 19'.72 E.
	38° 42'.02 S 148° 20'.84 E
	38° 35'.93 S 148° 40'.69 E
	38° 38'.92 S 148° 40'.68 E
	38° 44'.51 S 148° 23'.08 E.

Chart temporarily affected - Aus 357 - Aus 487

130(T)/2018 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Short Road Wharf - Harbour works
Former Notice - 274(T)/2017 is cancelled
Victorian Regional Channels Authority Notice 57(T)/2018

Harbour works are in progress in an area between 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 special light buoys, Q, Y, mark the extremities of the new infrastructure.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

179(T)/2018 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light buoys; AIS

Former Notice - 86(T)/2018 is cancelled

Victorian Regional Channels Authority Notices 16(T), 17(T), 72(T)/2018

Starboard lateral pillar light buoys exist as follows:

<i>Position</i>	<i>Remarks</i>
38° 06'.01 S 144° 22'.92 E	<i>F.Iso.G.3s TB2</i>
38° 06'.65 S 144° 22'.34 E	<i>F.Iso.G.3s TB1</i>

Virtual AIS starboard lateral marks also exist at the above positions.

Chart temporarily affected - Aus 153 - Aus 157

180(T)/2018 AUSTRALIA - VICTORIA - Portland Harbour - Dredging operations

Port of Portland Notice 24/2018

The vessel *Andrew Wilson* is conducting dredging operations in the entrance to Portland Harbour (38° 20'.67 S 141° 37'.31 E).

The vessel will display appropriate lights and shapes and will monitor VHF Ch 14 & 16

The area around the northern end of Main Breakwater is a prohibited zone (38° 20'.67 S 141° 37'.46 E).

Mariners are advised to use the western half of the entrance channel and to navigate with caution in the area.

Chart temporarily affected - Aus 140

261(T)/2018 AUSTRALIA - VICTORIA - Lakes Entrance - Shoaling

Gippsland Ports Notice 110(T)/2018

Shoaling exists from the light, *Fl.G.3s* (37° 53'.22 S 147° 58'.24 E), extending 120m into the channel in a northwesterly direction. A least depth of *1.7m* exists in position 37° 53'.21 S 147° 58'.20 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 182

307(T)/2018 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Harbour works

Former Notice - 226(T)/2018 is cancelled

Parks Victoria Notice 123(T), 127(T)/2018

Works are in progress on the Nepean Highway bridge (38° 04'.36 S 145° 07'.32 E).

Exclusion zones exist around the bridge and further upstream at the boat ramp (38° 04'.26 S 145° 07'.59 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143

379(T)/2018 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Light beacon unlit

Parks Victoria Notice 149(T)/2018

The special light beacon, *Fl.Y.3s* (37° 51'.84 S 144° 52'.08 E) is unlit.

Chart temporarily affected - Aus 143 - Aus 155

471(T)/2018 AUSTRALIA - VICTORIA - Bass Strait - Restricted areas

National Offshore Petroleum Safety and Environmental Management Authority

Restricted areas with a 500m radius have been established in positions 38° 36'.00 S 148° 34'.98 E and 38° 36'.73 S 148° 31'.33 E.

Chart temporarily affected - Aus 357 - Aus 487

542(T)/2018 AUSTRALIA - VICTORIA - Port Welshpool - Harbour works

Former Notice - 1001(T)/2017 is cancelled

Gippsland Ports Notices 248(T)/2017,199(T)/2018

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.

The light, *Oc.R.10s 10m 3M* (38° 42'.34 S 146° 26'.99 E) is temporarily withdrawn.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 181 - Aus 182

844(T)/2018 AUSTRALIA - VICTORIA - Port Fairy Bay - Scientific instrument

Maritime Safety Victoria Notice 281(T)/2018

A special spherical light buoy, *Fl.Y.2.5s* exists in position 38° 22'.92 S 142° 17'.37 E.

Chart temporarily affected - Aus 141 - Aus 349

1047(T)/2018 AUSTRALIA - VICTORIA - Golden Beach - Scientific instrument

Maritime Safety Victoria Notice 311(T)/2018

A scientific instrument exists on the seabed in position 38° 15'.22 S 147° 25'.90 E.

Chart temporarily affected - Aus 357

1048(T)/2018 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Appleton Dock - Harbour works

Victorian Ports Corporation (Melbourne) Notice 312(T)/2018

Works associated with the remediation of berths B (37° 49'.11 S 144° 55'.08 E) to E (37° 48'.98 S 144° 55'.42 E) are in progress.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

1050(T)/2018 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - South Wharf - Diving and harbour works

Victorian Ports Corporation (Melbourne) Notice 316(T)/2018

MV Pro Diver and support vessel *MV Alice* are conducting remediation works including diving operations at berths 31 (37° 49'.22 S 144° 55'.01 E) to 24 (37° 49'.09 S 144° 55'.73 E).

Vessels will display appropriate shapes and monitor VHF Ch 12.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

1101(T)/2018 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Yarraville - Harbour works

Victorian Ports Corporation (Melbourne) Notice 323(T)/2018

Maintenance works are in progress at Yarraville No6 (37° 49'.28 S 144° 54'.31 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

1102(T)/2018 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Cunningham Pier - Barge
Parks Victoria Notice 308(T)/2018

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

1104(T)/2018 AUSTRALIA - VICTORIA - Portland - Obstruction

Port of Portland Notice 332(T)/2018

Anchorage A4 (38° 18'.2 S 141° 43'.2 E) and A7 (38° 18'.6 S 141° 43'.6 E) are closed due to a lost anchor.

Chart temporarily affected - Aus 140

1159(T)/2018 AUSTRALIA - VICTORIA - Cape Conran - Obstruction southwards

Cooper Energy

An obstruction exists in position 38° 00'.71 S 148° 47'.09 E.

Mariners are advised to navigate with caution in the area. 500m clearance requested.

Chart temporarily affected - Aus 357

1164(T)/2018 AUSTRALIA - VICTORIA - Western Port - Gentle Annie Channel - Buoy off station

Parks Victoria Notice 371(T)/2018

The port lateral cylindrical buoy, No6 (38° 14'.22 S 145° 20'.85 E), is off station.

Chart temporarily affected - Aus 150 - Aus 151

44(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Victoria Harbour - Light beacons unlit

Parks Victoria Notice 386(T)/2018

The light beacons, *F.G No61* (37° 49'.04 S 144° 56'.42 E) and *F.R No62* (37° 49'.08 S 144° 56'.45 E), are unlit.

Chart temporarily affected - Aus 154

45(T)/2019 AUSTRALIA - VICTORIA - Torquay - Fish aggregating devices

Former Notice - 1052(T)/2017 is cancelled

Maritime Safety Victoria Notice 403(T)/2018, Victorian Fisheries Authority

Five special light buoys, *Fl.Y.5s*, exist in vicinity of position 38° 20'.01 S 144° 22'.43 E.

Chart temporarily affected - Aus 143 - Aus 788

88(T)/2019 AUSTRALIA - VICTORIA - Cape Conran - Subsea operations; pipeline operations southwards

Cooper Energy, Subsea 7

Vessel *Skandi Acergy* and support vessels are conducting subsea and pipeline operations between positions:

37° 48'.11 S 148° 26'.15 E

37° 50'.55 S 148° 26'.23 E

38° 06'.62 S 149° 01'.54 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357

89(T)/2019 AUSTRALIA - VICTORIA - Cape Conran - Drill rig southwestwards

Esso Australia Pty Ltd

On or about 6 February 2019, drill rig *Ocean Monarch* will be conducting drilling operations in position 38° 32'.44 S 148° 33'.26 E.

Chart temporarily affected - Aus 357 - Aus 487

92(T)/2019 AUSTRALIA - VICTORIA - Western Port - San Remo - Shoaling
Parks Victoria Notice 347(T)/2017

Shoaling exists in the vicinity of position 38° 32'.30 S 145° 20'.97 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 150

137(T)/2019 AUSTRALIA - VICTORIA - Golden Beach - Survey operations
AGR (Australia) Pty Ltd

On or about 18 February, vessel *Silver Star*, with a 300m towed array, will be conducting a geophysical survey in an area bounded by the following positions:

38° 16'.36 S 147° 28'.92 E

38° 15'.74 S 147° 30'.99 E

38° 15'.09 S 147° 32'.03 E

38° 13'.40 S 147° 30'.31 E

38° 14'.10 S 147° 28'.39 E

38° 14'.77 S 147° 27'.32 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357 - Aus 487

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

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

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

134(T)/2018 AUSTRALIA - TASMANIA - Spring Bay - Paddys Point - Marine farm
Marine and Safety Tasmania Notice M14/2018

A marine farm exists, with its seaward limits marked by special light buoys in the following positions:

42° 32'.14 S 147° 55'.40 E

42° 32'.03 S 147° 55'.36 E.

Chart temporarily affected - Aus 175

182(T)/2018 AUSTRALIA - TASMANIA - Prince of Wales Bay - Harbour works
Marine and Safety Tasmania Notice 30/2018

Works associated with the expansion of the Prince of Wales Bay Marina (42° 49'.64 S 147° 18'.18 E) are in progress.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

183(T)/2018 AUSTRALIA - TASMANIA - Spring Bay - Wreck
Marine and Safety Tasmania Notice M26/2018

A stranded wreck exists in position 42° 31'.24 S 147° 55'.13 E.

Chart temporarily affected - Aus 175

263(T)/2018 AUSTRALIA - TASMANIA - Devonport - Shoaling
HydroSurvey Australia

Shoaling exists in the Mersey River between positions 41° 11'.20 S 146° 21'.98 E and 41° 11'.48 S 146° 22'.10 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 164

504(T)/2018 AUSTRALIA - TASMANIA - Blackman Bay - Wreck
Marine and Safety Tasmania Notice M91/2018

A wreck exists in positions 42° 53'.19 S 147° 49'.29 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 169

505(T)/2018 AUSTRALIA - TASMANIA - River Derwent - Montagu Bay - Wreck
Marine and Safety Tasmania Notice M98/2018

A wreck exists in position 42° 51'.98 S 147° 21'.15 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

597(T)/2018 AUSTRALIA - TASMANIA - Storm Bay - Scientific instrument

Marine and Safety Tasmania Notice 116/2018

A special spherical light buoy, *Fl.Y.1-5s*, exists in position 43° 12'.70 S 147° 27'.25 E.

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

598(T)/2018 AUSTRALIA - TASMANIA - Storm Bay - Buoy off station

Marine and Safety Tasmania Notice M120/2018

A black can buoy (43° 10'.18 S 147° 26'.32 E) is off station.

Chart temporarily affected - Aus 173

705(T)/2018 AUSTRALIA - TASMANIA - D'entrecasteaux Channel - Dennes Point - Harbour Works

Marine and Safety Tasmania

Works are in progress at Dennes Point Jetty (43° 03'.99 S 147° 21'.03 E) and it will be temporarily closed.

Chart temporarily affected - Aus 174

760(T)/2018 AUSTRALIA - TASMANIA - Storm Bay - Light buoy

Marine and Safety Tasmania

A special light buoy, *Fl.Y.3s* exists in approximate position 43° 08'.46 S 147° 36'.57 E.

Chart temporarily affected - Aus 795 - Aus 796

798(T)/2018 AUSTRALIA - TASMANIA - Hunter Island - Scientific instrument

Former Notice - 430(T)/2018 is cancelled

Marine and Safety Tasmania Notice M141/2018

A subsurface scientific instrument exists in position 40° 29'.18 S 144° 48'.76 E.

Chart temporarily affected - Aus 790

799(T)/2018 AUSTRALIA - TASMANIA - Lookout Head - Scientific instrument

Former Notice - 264(T)/2018 is cancelled

Marine and Safety Tasmania Notice M52/2018

A special buoy exists in position 40° 34'.39 S 148° 07'.40 E.

Chart temporarily affected - Aus 798 - Aus 800

894(T)/2018 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Woodbridge - Harbour works; light unlit

Marine and Safety Tasmania Notice M159/2018

Works associated with the replacement of the jetty (43° 09'.58 S 147° 14'.52 E) are in progress.

The light, *F.Bu.3M* (43° 09'.58 S 147° 14'.52 E), is unlit.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 173 - Aus 795

996(T)/2018 AUSTRALIA - TASMANIA - Crayfish Point - Buoys

Marine and Safety Tasmania Notice M175/2018

Unlit buoys exist between positions 42° 57'.00 S 147° 21'.36 E and 42° 57'.00 S 147° 21'.62 E.

Chart temporarily affected - Aus 171

997(T)/2018 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instrument

CSIRO

A special light buoy exists in position 42° 14'.53 S 145° 19'.46 E.

Chart temporarily affected - Aus 177

1051(T)/2018 AUSTRALIA - TASMANIA - Bruny Island - Storm Bay - Light buoy

Marine and Safety Tasmania Notice 195/2018

A special light buoy, *Fl.Y.1.5s*, exists in position 43° 07'.60 S 147° 26'.11 E.

Chart temporarily affected - Aus 171 - Aus 173 - Aus 795 - Aus 796

1052(T)/2018 AUSTRALIA - TASMANIA - Bruny Island - Cape Connella - Light buoy

Marine and Safety Tasmania Notice 195/2018

A special light buoy, *Fl.Y.1.5s*, exists in position 43° 24'.58 S 147° 22'.83 E.

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

1106(T)/2018 AUSTRALIA - TASMANIA - Storm Bay - Scientific instruments

Marine and Safety Tasmania Notice M198/2018

Subsurface scientific instruments exist on the seabed in positions 43° 06'.37 S 147° 38'.16 E and 43° 11'.33 S 147° 26'.01 E.

Chart temporarily affected - Aus 171 - Aus 173 - Aus 795 - Aus 796

47(T)/2019 AUSTRALIA - TASMANIA - Burnie - Harbour works

Former Notice - 1053(T)/2018 is cancelled

Marine and Safety Tasmania Notice M196/2018, M217/2018

Harbour works associated with the construction of a dolphin at the end of berth 4 (41° 03'.04 S 145° 54'.70 E) and the extension of the wharf at berth 5 (41° 03'.04 S 145° 54'.70 E) are in progress. The dolphin will be marked by a light, *Fl.Y.*

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 163

48(T)/2019 AUSTRALIA - TASMANIA - Prince of Wales Bay - Moored vessel

Marine and Safety Tasmania Notice M006/2019

INCAT vessel *Saint John Paul II* is moored alongside the wharf in the vicinity of position 42° 49'.57 S 147° 18'.57 E.

The vessel is secured by high tension lines, which are marked by orange buoys. Mariners are advised not to transit between the buoys and the vessel, and to keep 100m clear of the vessel. A no wash zone exists within 200m from the vessel and the INCAT facility.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

94(P)/2019 AUSTRALIA - TASMANIA - Cape Barren Island to Preservation Island - Uncharted rocks and coastline inaccuracies

Jack and Jude

Uncharted rocks and coastline inaccuracies may exist along the southern coastline of Cape Barren Island, between Cape Sir John (40° 25'.21 S 147° 59'.29 E) and Sloping Point (40° 27'.87 S 148° 13'.69 E), and around Preservation Island (40° 28'.50 S 148° 03'.90 E).

An uncharted Island and rocks exist in the vicinity of position 40° 28'.81 S 148° 03'.13 E.

Mariners are advised to navigate with caution in the area.

Charts will updated in due course.

Chart which will be affected - Aus 179 - Aus 798 - Aus 800

95(T)/2019 AUSTRALIA - TASMANIA - Hobart - Tasman Bridge - Harbour works
Maritime and Safety Tasmania Notice 13/2019

Vessel *Miss Candice* and support vessels are conducting remedial works to the piles of the Tasman Bridge involving diving operations in an area bounded by the following positions:

42° 51'.95 S 147° 20'.22 E

42° 51'.91 S 147° 20'.24 E

42° 51'.85 S 147° 20'.98 E

42° 51'.88 S 147° 20'.99 E.

Mariners are advised to navigate with caution and avoid passing through spans where diving operations may be taking place.

Chart temporarily affected - Aus 172

138(T)/2019 AUSTRALIA - TASMANIA - Devonport - Bed levelling
Tasports, Marine and Safety Tasmania Notice M25/2019

Vessel *EDI* is conducting bed levelling operations in the swing basin and the main channel approaches.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 164

140(T)/2019 AUSTRALIA - TASMANIA - Norfolk Bay to Betsey Island - Scientific instruments
Marine and Safety Tasmania Notice M15/2019

Subsurface scientific instruments exist in the following positions:

43° 00'.19 S 147° 50'.14 E

43° 01'.97 S 147° 50'.29 E

43° 02'.80 S 147° 48'.52 E

43° 02'.68 S 147° 48'.40 E

43° 02'.69 S 147° 47'.77 E

43° 02'.72 S 147° 47'.54 E

43° 02'.77 S 147° 47'.07 E

43° 02'.51 S 147° 46'.15 E

43° 01'.94 S 147° 46'.10 E

43° 01'.91 S 147° 45'.88 E

43° 00'.77 S 147° 44'.44 E

42° 58'.19 S 147° 44'.27 E

42° 52'.36 S 147° 31'.60 E

42° 55'.75 S 147° 31'.81 E

43° 04'.07 S 147° 28'.89 E.

Chart temporarily affected - Aus 171 - Aus 796

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

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

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

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)

35(T)/2018 PAPUA NEW GUINEA - Batumata Point - Survey operations southeastwards

Former Notice - 990(T)/2017 is cancelled

National Maritime Safety Authority PNG Notice 16(T)/2017

MV *Guru* is conducting survey operations in the vicinity of the following buoys:

<i>Position</i>	<i>Remarks</i>
10° 47'.56 S 149° 13'.05 E	special light buoy, <i>Fl(5)Y.15s</i>
10° 48'.12 S 149° 13'.90 E	subsurface mooring buoy

A 0.5M radius exclusion zone exists around each buoy.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 507 - Aus 4620 (INT 620) - Aus 4621 (INT 621)

294(T)/2018 PAPUA NEW GUINEA - New Britain - Kimbe - Light beacon destroyed

Former Notice - 877(T)/2017 is cancelled

National Maritime Safety Authority PNG

The starboard lateral light beacon, *Fl(3)G.9s 6m 4M No4* (5° 32'.66 S 150° 09'.07 E), has been destroyed.

Chart temporarily affected - Aus 674 - Aus 677

412(P)/2018 PAPUA NEW GUINEA - Batumata Point - Shoaling

LADS Flight

Latest survey shows shoaler depths than those charted may exist in and around the islands and reefs in the area between Galovi (Howard) Reef (10° 11'.1 S 148° 08'.7 E) and Eunoro Island (10° 23'.6 S 149° 27.3 E).

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 506 - Aus 507 - Aus 623

460(T)/2018 PAPUA NEW GUINEA - Nessup Island - Light buoy off station

National Maritime Safety Authority PNG, B Cooper

The starboard lateral light buoy, *Fl.G.2s* (5° 53'.92 S 148° 09'.05 E), is off station.

Chart temporarily affected - Aus 673

499(P)/2018 PAPUA NEW GUINEA - Manubada Island to Padana Nahua Passage - Shoaling

Australian Hydrographic Office

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

9°30'.58 S 147°11'.26 E
9°30'.67 S 147°11'.21 E
9°31'.85 S 147°12'.08 E
9°32'.74 S 147°13'.58 E
9°34'.32 S 147°17'.14 E
9°33'.56 S 147°17'.88 E

9°32'.44 S 147°15'.11 E
9°32'.43 S 147°14'.66 E
9°30'.95 S 147°11'.70 E

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 505 - Aus 621

533(T)/2018 PAPUA NEW GUINEA - Lark Patch - AIS inoperative
National Maritime Safety Authority PNG

The AIS at 9° 31'.56 S 147° 08'.53 E is inoperative.

Chart temporarily affected - Aus 505 - Aus 621

789(T)/2018 PAPUA NEW GUINEA - Bismarck Sea - Fish aggregating devices
National Maritime Safety Authority PNG Warning 9/2018

17 fish aggregating devices exist in an area bounded by the following positions:
4° 30'.0 S 149° 55'.0 E
4° 40'.0 S 149° 55'.0 E
4° 40'.0 S 150° 45'.0 E
4° 30'.0 S 150° 45'.0 E.

Mariners are advised to navigate with caution.

Chart temporarily affected - Aus 4622 (INT 622)

790(T)/2018 PAPUA NEW GUINEA - Huon Gulf - Fish aggregating devices
National Maritime Safety Authority PNG Warning 8/2018

23 fish aggregating devices exist in an area bounded by the following positions:
7° 00'.0 S 147° 40'.0 E
7° 55'.0 S 147° 40'.0 E
7° 55'.0 S 148° 50'.0 E
7° 00'.0 S 148° 50'.0 E.

Mariners are advised to navigate with caution.

Chart temporarily affected - Aus 386 - Aus 521 - Aus 522 - Aus 523 - Aus 4620 (INT 620) - Aus 4621 (INT 621) - Aus 4622 (INT 622)

882(T)/2018 PAPUA NEW GUINEA - Oro Bay - Light unlit
National Maritime Safety Authority PNG Warning 13/2018

The rear lead light, *Fl.10s 134m 18M* (8° 54'.26 S 148° 28'.25 E), is unlit.

Chart temporarily affected - Aus 521 - Aus 644 - Aus 4620 (INT 620) - Aus 4621 (INT 621)

983(T)/2018 PAPUA NEW GUINEA - Karkar Island - Shoaling
Fugro

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

4° 31'.44 S 146° 00'.06 E
4° 30'.68 S 146° 00'.36 E
4° 31'.14 S 146° 03'.42 E
4° 34'.41 S 146° 05'.09 E
4° 38'.10 S 146° 05'.33 E
4° 38'.04 S 146° 03'.60 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart temporarily affected - Aus 387 - Aus 388

1149(T)/2018 PAPUA NEW GUINEA - Bismarck Sea - Alim Island - Light unlit
National Maritime Safety Authority PNG Warning 32/2018

The light, *Fl.5s 31m 10M* (2° 53'.31 S 147° 03'.68 E), is unlit.

Chart temporarily affected - Aus 391 - Aus 4603 (INT 603) - Aus 4604 (INT 604) - Aus 4622 (INT 622)

30(T)/2019 PAPUA NEW GUINEA - Dampier Strait - Nesup Channel - Light buoy unlit
National Maritime Safety Authority PNG Notice 1/2018

The port lateral light buoy, *Fl.R.2s* (5° 53'.27 S 148° 08'.70 E), is unlit.

Chart temporarily affected - Aus 673

78(P)/2019 PAPUA NEW GUINEA - Admiralty Islands - Seeadler Harbour - Shoaling
LADS Flight

Latest survey shows charted depths exceed the expected variances in both position and depth within the following area:

1° 55'.91 S 147° 05'.90 E
1° 56'.94 S 147° 15'.52 E
1° 57'.69 S 147° 20'.96 E
2° 00'.00 S 147° 25'.79 E
2° 02'.00 S 147° 26'.63 E
2° 03'.80 S 147° 25'.66 E
2° 02'.83 S 147° 19'.35 E
1° 59'.12 S 147° 09'.12 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 391 - Aus 662

80(P)/2019 PAPUA NEW GUINEA - Ningau Island - Shoaling
Fugro

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

04° 39'.63 S 149° 14'.71 E
04° 35'.74 S 149° 16'.10 E
04° 35'.98 S 149° 24'.52 E
04° 37'.08 S 149° 24'.56 E
04° 39'.53 S 149° 19'.65 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 386 - Aus 678

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

91(P)/2018 SOLOMON ISLANDS - Ghizo Island - Shoaling
Secretariat of the Pacific Community

Latest survey shows shoaler depths than those charted may exist in and around the islands and reefs in the area between Naru Island (8° 08'.3 S 156° 55'.1 E) and Sepo Island (8° 03'.2 S 156° 49.5 E).

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - SLB 102 - SLB 301 - SLB 302

135(T)/2018 SOLOMON ISLANDS - Florida Islands - Tuituhi Point - Light unlit
Solomon Islands Maritime Safety Administration Notice 2/2018

The special light beacon *Fl(3) 20s 10m 10M* (9° 08'.57 S 160° 13'.74 E) is unlit.

Chart temporarily affected - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 201 - SLB 304

847(T)/2018 SOLOMON ISLANDS - Nusatupe Island - Topmark destroyed
Solomon Islands Maritime Safety Administration Notice 3/2018

The topmark on light beacon, *Fl(3)R. 10s 10m 5M* (8° 05'.55 S 156° 51'.81 E), has been destroyed.

Chart temporarily affected - SLB 102 - SLB 301 - SLB 302

848(T)/2018 SOLOMON ISLANDS - Tawara'o Island to Taivu Point - Lights unlit
Solomon Islands Maritime Safety Administration Notice 4/2018, 7/2018

The light beacon, *LFl(2) 20s 10m 5M* (9° 24'.54 S 160° 21'.02 E), is unlit.

The light beacon, *Fl. 10s 10m 10M* (9° 49'.39 S 160° 54'.24 E), is unlit.

Chart temporarily affected - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 101 - SLB 201 - SLB 304 - SLB 305

987(T)/2018 TIMOR-LESTE - Dili - Light unlit
HMAS *Paluma*

The light, *Fl.R. 4s* (8° 33'.20 S 125° 34'.70 E), is unlit.

Chart temporarily affected - Aus 901

141(T)/2019 SOLOMON ISLANDS - North West Reef - Light beacon unlit
Solomon Islands Maritime Safety Administration

The light beacon, *Fl(3) 15s 10m 5M* (9° 29'.40 S 160° 35'.41 E), is unlit.

Chart temporarily affected - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 201 - SLB 304

142(T)/2019 SOLOMON ISLANDS - Port Noro - Light unreliable
Solomon Islands Maritime Safety Administration Notice 1/2019

The light, *Fl.G. 1.5s 11m 4M* (8° 15'.42 S 157° 11'.35 E), is unreliable.

Chart temporarily affected - SLB 102