

TEMPORARY AND PRELIMINARY NOTICES
In force on 14 June 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>
37° 04'.59 S 149° 54'.43 E	
37° 04'.87 S 149° 53'.47 E	
37° 05'.14 S 149° 57'.66 E	marked by special light buoy, Q.Y

Chart temporarily affected - Aus 192

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

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

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

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

225(T)/2019 AUSTRALIA - NEW SOUTH WALES - Perpendicular Point - Light buoy off station
Parks Australia

The special light buoy, *Fl.Y.1-5s* (31° 40'.85 S 152° 54'.61 E), is off station.

Chart temporarily affected - Aus 811

229(T)/2019 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Eden - Harbour works
Carnival Australia

Works associated with the extension of Fishermans Wharf are in progress in the vicinity of position 37° 04'.47 S 149° 54'.37 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 192

434(T)/2019 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Garden Island - Dredging operations

Port Authority of New South Wales

Dredging operations, enclosed by a silt curtain are being conducted in an area bounded by the following positions:

33° 51'.48 S 151° 13'.77 E

33° 51'.41 S 151° 13'.67 E

33° 51'.53 S 151° 13'.61 E

33° 51'.66 S 151° 13'.56 E

33° 51'.69 S 151° 13'.62 E.

The dredge will monitor VHF Ch 13 & Ch 14.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202

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

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 No13*, (18° 29'.59 S 146° 16'.40 E) is off station.

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

Chart temporarily affected - Aus 259 - Aus 267

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

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

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

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

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

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

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

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

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242

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

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

Charts will be updated in due course.

Chart which will be affected - Aus 262 - Aus 263

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

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

The starboard lateral light beacon, *Fl.G.2.5s* (27° 06'.56 S 153° 10'.84 E), has been destroyed; a starboard lateral light buoy, *Fl.G.2.5s*, exists in situ.

Chart temporarily affected - Aus 236

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

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

Chart temporarily affected - Aus 255 - Aus 826

370(T)/2017 AUSTRALIA - QUEENSLAND - Abbot Point - Nav aids off station; nav aids destroyed; depths unreliable; obstructions
Maritime Safety Queensland Notice 86(T)/2017

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

and underwater obstructions may exist.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 255 - Aus 826

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

Former Notice - 258(T)/2016 is cancelled

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

Light buoys exist as follows:

Number	Position	Characteristics
UC3	25° 09'.12 S 152° 50'.46 E	Fl.G.2.5s
UC1	25° 09'.10 S 152° 50'.54 E	Fl.G.2.5s
UC2	25° 08'.96 S 152° 50'.45 E	Fl.R.2.5s
S3	25° 12'.70 S 152° 54'.75 E	Fl.G.2.5s
NG1	25° 20'.20 S 153° 01'.40 E	Fl.G.2.5s

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

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

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

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

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

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

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

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

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

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

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

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

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	<i>Fl(5)Y 20s</i>

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

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

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

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

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

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 Wanga Wallen North (27° 25'.35 S 153° 25'.10 E) and beacon Wanga Wallen 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

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

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

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

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

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

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

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

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

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

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

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

169(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Quarries Reach - Wreck

Maritime Safety Queensland Notice 74(T)/2019

A wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 27° 26'.77 S 153° 05'.55 E.

Chart temporarily affected - Aus 238

175(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Scientific instrument

Maritime Safety Queensland Notice 84(T)/2019

A scientific instrument marked by a special light buoy, *Fl(5)Y.20s* exists in position 27° 15'.00 S 153° 12'.00 E.

Chart temporarily affected - Aus 236

177(T)/2019 AUSTRALIA - QUEENSLAND - Red Island Point - Wreck

Former Notice - 164(T)/2018 is cancelled

Maritime Safety Queensland Notice 83(T)/2019

A wreck marked by a special light buoy, *Fl.Y.4s*, exists in position 10° 50'.66 S 142° 22'.03 E.

Chart temporarily affected - Aus 294

273(T)/2019 AUSTRALIA - QUEENSLAND - Karumba - Alligator Point - Wreck

Maritime Safety Queensland Notice 129(T)/2019

A wreck marked by a special light buoy, *Fl.2.5s*, exists in position 17° 27'.43 S 140° 48'.46 E.

Chart temporarily affected - Aus 6

275(T)/2019 AUSTRALIA - QUEENSLAND - Molle Channel - Subsea operations; pipeline operations

Maritime Safety Queensland Notice 114(T)/2019

Tug *Mighty Chiefton* and barge *Triton* are conducting subsea and pipeline operations in an area bounded by the following positions:

20° 16'.52 S 148° 47'.28 E

20° 15'.63 S 148° 47'.50 E

20° 15'.44 S 148° 48'.73 E

20° 15'.53 S 148° 48'.76 E

20° 16'.03 S 148° 47'.49 E

20° 16'.58 S 148° 47'.36 E.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 252 - Aus 253

276(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly Boat Harbour - Dredging operations

Former Notice - 121(T)/2019 is cancelled

Maritime Safety Queensland Notice 121(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'.03 S 153° 11'.63 E).

The barges and support craft will monitor VHF Ch 13.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

278(T)/2019 AUSTRALIA - QUEENSLAND - Noosa Head - Scientific instrument

Maritime Safety Queensland Notice 108(T)/2019

A subsurface scientific instrument exists in position 26° 22'.72 S 153° 05'.59 E.

Chart temporarily affected - Aus 815

280(T)/2019 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Shoaling

Former Notice - 978(T)/2018 is cancelled

Maritime Safety Queensland Notice 106(T)/2019

Shoaling, with least depth *1.5m*, 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

334(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Bulimba Point - Wreck

Maritime Safety Queensland

A stranded wreck exists in position 27° 26'.57 S 153° 03'.11 E.

Chart temporarily affected - Aus 238

335(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works

Maritime Safety Queensland Notice 148(T)/2019

The barge *Constructor 1* with support barge *MDT82* are conducting harbour works in the vicinity of position 27° 26'.44 S 153° 02'.98 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

342(T)/2019 AUSTRALIA - QUEENSLAND - Narrowneck Reef - Scientific instrument

Maritime Safety Queensland Notice 142(T)/2019

A special light buoy, *Q.Y*, exists in position 27° 59'.19 S 153° 26'.18 E.

Chart temporarily affected - Aus 230

344(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Obstructions

Former Notice - 125(T)/2019 is cancelled

Maritime Safety Queensland Notice 38(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).

Mariners are advised to navigate with caution in the area.

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

391(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Dredging operations

Former Notice - 236(T)/2019 is cancelled

Maritime Safety Queensland Notice 93(T)/2019, 162(T)/2019

Vessels *Max Hooper*, *Eric Netterfield* and *Allan Ticehurst* are conducting dredging operations in the Ross River entrance (19° 15'.64 S 146° 50'.57 E).

Barge *Max Hooper* will be anchored at the edge of the channel at night and will display appropriate lights and shapes.

The dredge *Rose Bud* is conducting dredging operations in the vicinity of position 19° 16'.56 S 146° 49'.83 E. The dredge will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 257

393(T)/2019 AUSTRALIA - QUEENSLAND - Weipa - South Channel - Harbour works

Maritime Safety Queensland Notice 167(T)/2019

Harbour works associated with beacon replacement are in progress in the South Channel in an area bounded by the following positions:

12°42'.72 S 141°39'.72 E

12°40'.55 S 141°49'.73 E

12°39'.83 S 141°49'.44 E

12°41'.82 S 141°39'.04 E

Mariners are advised to navigate with caution in the area, and create No Wash in the vicinity of the barges and pile driving operations.

Chart temporarily affected - Aus 4

435(T)/2019 AUSTRALIA - QUEENSLAND - Ashmore Reef - Mooring buoy damaged

Australian Border Force

The mooring buoy in position 12° 13'.20 S 123° 00'.41 E has been damaged and is unavailable for use.

Chart temporarily affected - Aus 44

436(T)/2019 AUSTRALIA - QUEENSLAND - Hayman Island - Light unlit

Maritime Safety Queensland Notice 159(T)/2019

The port lateral light beacon, Q.R (20° 03'.79 S 148° 52'.96 E), is unlit.

Chart temporarily affected - Aus 254

440(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Kounungai - Wreck; light buoy

Maritime Safety Queensland Notice 161(T)/2019

A wreck marked by a special light buoy, Fl.Y.2.5s, exists in position 27° 17'.00 S 153° 23'.00 E.

Chart temporarily affected - Aus 236

443(P)/2019 AUSTRALIA - QUEENSLAND - Skardon River - Shoaling

Precision Hydrographic Services

Latest survey shows shoaler depths than those charted may exist in the Skardon River (11° 46'.20 S 141° 57'.07 E).

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 701

445(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Cleveland Bay - Obstruction

Former Notice - 392(T)/2019 is cancelled

Maritime Safety Queensland Notice 165(T)/2019

An obstruction marked by a special light buoy, Fl.Y.5s, exists in position 19° 14'.71 S 146° 49'.77 E.

Chart temporarily affected - Aus 256 - Aus 257

483(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Humbug Reach - Harbour works; light buoy

Maritime Safety Queensland Notice 195(T)/2019

A special light buoy, Fl.Y.2.5s, marks the end of a partially constructed jetty in position 27° 28'.21 S 153° 03'.28 E.

Chart temporarily affected - Aus 238

484(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Harbour works
Maritime Safety Queensland Notice 194(T)/2019

Harbour works are in progress in the vicinity of position 27° 28'.37 S 153° 01'.90 E.

Barges will be moored with anchors, marked by lit buoys *Fl.Y.4s*, extending into the river.

Vessels will monitor VHF Ch 13.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

485(T)/2019 AUSTRALIA - QUEENSLAND - Cape Grafton to Double Island - Scientific instruments
Maritime Safety Queensland Notice 206(T)/2019

Special light buoys, *Fl.Y.2s*, exist in the following locations:

16° 44'.40 S 145° 41'.82 E

16° 48'.18 S 145° 44'.70 E

16° 53'.46 S 145° 47'.64 E

16° 51'.72 S 145° 50'.46 E

16° 51'.96 S 145° 54'.06 E.

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

486(T)/2019 AUSTRALIA - QUEENSLAND - Clump Point - Light buoys
Maritime Safety Queensland 198(T)/2019

Special light buoys, *Fl.Y.2-5s*, exist in positions 17° 51'.09 S 146° 06'.97 E and 17° 51'.13 S 146° 07'.01 E.

Chart temporarily affected - Aus 258

487(T)/2019 AUSTRALIA - QUEENSLAND - Karumba - Shoaling; shipping channel
Former Notice - 388(T)/2019 is cancelled
Maritime Safety Queensland Notice 283/2018, 107(T)/2019, 186(T)/2019

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). Shoaling is marked by three special light buoys, *Fl.Y.2-5s*, which have been established in the following positions:

17° 26'.565 S 140° 44'.995 E

17° 26'.622 S 140° 45'.075 E

17° 26'.647 S 140° 45'.170 E.

Mariners are advised that the shipping channel between beacon No8 and beacon No10 is now south of the charted channel and should use the following waypoints and courses to remain in the centre of the dredged area:

Steer course 119° (T) to waypoint 17° 26'.448 S 140° 44'.827 E;

then steer 133° (T) to waypoint 17° 26'.590 S 140° 44'.985 E;

then steer 119° (T) to waypoint 17° 26'.668 S 140° 45'.133 E;

then steer 097° (T) to waypoint 17° 26'.687 S 140° 45'.273 E;

then steer 090° (T) to waypoint 17° 26'.687 S 140° 45'.465 E;

then steer 085° (T) to waypoint 17° 26'.583 S 140° 46'.592 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 6

488(T)/2019 AUSTRALIA - QUEENSLAND - Karumba - Wreck northwards
Maritime Safety Queensland Notice 188(T)/2019

A stranded wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 17° 15'.36 S 140° 53'.89 E.

Chart temporarily affected - Aus 303

489(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Rous Channel - Light buoy unlit
Maritime Safety Queensland Notice 199(T)/2019

The port lateral light buoy, *Fl.R.6s No6* (27° 22'.36 S 153° 24'.10 E), is unlit.

Chart temporarily affected - Aus 236

490(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Harbour Works; light beacon northwards
Maritime Safety Queensland Notice 193(T)/2019

The barge *Aquane* and supporting tug *Typhoon* are conducting works associated with establishing a new light beacon. A special light beacon, *Fl.Y.2.5s* exists in position 27° 15'.80 S 153° 14'.52 E.

Vessels will monitor VHF Ch 12 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

493(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Wreck; light buoy
Maritime Safety Queensland Notice 208(T)/2019

A wreck marked by a special light buoy, *Fl.Y.5s*, exists in position 19° 14'.49 S 146° 49'.61 E.

Chart temporarily affected - Aus 257

494(P)/2019 AUSTRALIA - CORAL SEA - Kenn Reefs and Frederick Reefs - Shoaling
LADS

Latest surveys indicate shoaler depths than those currently charted exist in an area bounded by the following positions:

21° 16'.05 S 155° 42'.52 E
21° 16'.64 S 155° 44'.44 E
21° 13'.83 S 155° 46'.76 E
21° 11'.42 S 155° 45'.73 E.

and

21° 01'.09 S 154° 21'.18 E
21° 01'.32 S 154° 23'.02 E
20° 59'.87 S 154° 24'.06 E
20° 55'.25 S 154° 23'.85 E
20° 54'.42 S 154° 23'.35 E
20° 58'.22 S 154° 20'.72 E.

Charts will be updated in due course. Mariners are advised to navigate with caution.

Chart which will be affected - Aus 611 - Aus 612

544(T)/2019 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Light beacon unlit
Maritime Safety Queensland Notice 217(T)/2019

The light beacon, *Fl.G.2.5s No3* (20° 15'.72 S 148° 43'.65 E), is unlit.

Chart temporarily affected - Aus 269

546(T)/2019 AUSTRALIA - QUEENSLAND - Cowley Beach to Ellison Reef - Military exercise
Department of Defence

A military exercise will be conducted between Cowley Beach and Ellison Reef during the period 12 to 25 June 2019.

The exercise area is bounded by the coast and the following positions:

17° 46'.30 S 146° 06'.72 E
17° 45'.20 S 146° 25'.60 E
17° 41'.50 S 146° 25'.60 E
17° 39'.00 S 146° 08'.95 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 258 - Aus 829

548(P)/2019 AUSTRALIA - QUEENSLAND - Hydrographers Passage - Shoaling
LADS Flight

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

20° 36'.52 S 150° 04'.39 E
20° 30'.63 S 150° 17'.03 E
20° 23'.93 S 150° 16'.63 E
20° 06'.15 S 150° 04'.79 E
20° 11'.27 S 150° 00'.18 E
20° 21'.88 S 150° 04'.70 E
20° 27'.57 S 150° 09'.82 E
20° 32'.65 S 150° 01'.91 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 821 - Aus 824

550(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer
Maritime Safety Queensland Notice 236(T)/2019

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

A 0.54M radius exclusion zone exists around transfer operations.

Chart temporarily affected - Aus 236

551(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - King Island - Light beacon unlit
Maritime Safety Queensland Notice 227(T)/2019

The light beacon, *Q.R* (27° 27'.08 S 153° 13'.75 E), is unlit.

Chart temporarily affected - Aus 236

552(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Island - Kounungai - Light beacon destroyed
Maritime Safety Queensland Notice 229(T)/2019

The special light beacon, *Fl.Y.4s* (27° 17'.57 S 153° 23'.89 E) has been destroyed.

Chart temporarily affected - Aus 236

553(T)/2019 AUSTRALIA - QUEENSLAND - Palm Beach - Artificial reef
Maritime Safety Queensland Notice 232(T)/2019

Works to establish an artificial reef are in progress in the vicinity of position 28° 06'.45 S 153° 28'.26 E.

A barge and support vessels are on site.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 814

554(T)/2019 AUSTRALIA - QUEENSLAND - Rattlesnake Island - Live firing; military exercise
Former Notice - 491(T)/2019 is cancelled
Maritime Safety Queensland Notice 179(T)/2019, 244(T)/2019

Military exercises including live firing activities will be conducted within a 5M radius of position 19° 02'.45 S 146° 36'.72 E from 4 June to 21 June 2019.

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

Chart temporarily affected - Aus 256 - Aus 827

556(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Beacon replacement works

Maritime Safety Queensland Notice 240(T)/2019

Beacon replacement works are in progress in the vicinity of the following positions:

19° 13'.17 S 146° 51'.03 E

19° 14'.10 S 146° 50'.44 E

19° 09'.39 S 146° 53'.00 E.

A barge and tug 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 256 - Aus 257

594(T)/2019 AUSTRALIA - QUEENSLAND - Boyne River - Obstruction

Maritime Safety Queensland Notice 250(T)/2019

An obstruction marked by a special light buoy, *Fl.Y*, exists in position 23° 55'.74 S 151° 21'.43 E.

Chart temporarily affected - Aus 246

595(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Harbour works

Maritime Safety Queensland Notice 264(T)/2019

Harbour works are in progress in the vicinity of position 27° 28'.38 S 153° 02'.04 E.

Barges are on site and silt curtains have been established.

The boundary of the work area is marked by special light buoys, *Fl.Y.4s*.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

596(P)/2019 AUSTRALIA - QUEENSLAND - Bunbury - Koombana Bay - Shoaling

Exodus Hydrographic Surveys

Latest surveys show shoaler soundings than those charted exist in Koombana Bay with a least depth of 8.1m (33° 18'.12 S 115° 39'.20 E) and the 10m contour extending North to 33° 17'.96 S 115° 39'.16 E.

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 115

598(T)/2019 AUSTRALIA - QUEENSLAND - Great Palm Island to Mourilyan Harbour - Military exercise

Department of Defence

A military exercise will be conducted between Great Palm Island (18° 44'.0 S 146° 36'.0 E), Ellison Reef (17° 44'.0 S 146° 24'.0 E) and Mourilyan Harbour (17° 36'.0 S 146° 08'.0 E) during the period 24 June to 4 July 2019.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 258 - Aus 259 - Aus 267 - Aus 827 - Aus 828 - Aus 829

601(T)/2019 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Maritime Safety Queensland Notice 239(T)/2019

Live firing will be conducted in the Shoalwater Bay training area during the period 23 June to 27 July 2019.

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

22° 46'.20 S 150° 48'.51 E

22° 46'.87 S 150° 53'.01 E

22° 40'.48 S 150° 55'.05 E

22° 39'.85 S 150° 54'.71 E

22° 29'.13 S 150° 49'.71 E

22° 19'.92 S 150° 45'.05 E
22° 16'.19 S 150° 39'.47 E
22° 15'.28 S 150° 38'.10 E
22° 10'.02 S 150° 30'.06 E
22° 14'.76 S 150° 20'.31 E
22° 14'.92 S 150° 20'.06 E
22° 16'.94 S 150° 12'.07 E
22° 20'.35 S 150° 12'.00 E
22° 21'.20 S 150° 10'.52 E.

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

There will be a safe anchorage available at Island Head Creek and Port Clinton both by approval from Department of Defence after contacting Coast Guard.

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

Chart temporarily affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 820 - Aus 822

603(T)/2019 AUSTRALIA - QUEENSLAND - Weipa - Albatross Bay - Scientific instruments
Maritime Safety Queensland Notice 242(T)/2019

Special light buoys, *Fl.Y.6s*, exist in the following positions:

12° 40'.10 S 141° 50'.77 E
12° 42'.09 S 141° 52'.00 E
12° 40'.42 S 141° 46'.62 E.

Chart temporarily affected - Aus 4

605(T)/2019 AUSTRALIA - QUEENSLAND - Weipa to Amrun Wharf - Dredging operations
Maritime Safety Queensland Notice 256(T)/2019, 257(T)/2019

The dredges *Oranje* and *Brisbane* along with support vessels are conducting dredging operations in Port of Weipa (12° 40'.30 S 141° 49'.70 E) and Amrun (12° 55'.50 S 141° 36'.70 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 4

NORTHERN TERRITORY

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

Former Notice - 671(T)/2008 is cancelled

Modem Management Services

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

Chart temporarily affected - Aus 312 - Aus 4721 (INT 721)

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

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

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

249(T)/2019 AUSTRALIA - TIMOR SEA - Sahul Banks - Drill rig

Eni Australia Ltd

Drill rig, *Maersk Deliverer* is conducting drilling operations in position 10° 43'.61 S 126° 16'.63 E.

Chart temporarily affected - Aus 312

397(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Scientific instruments

Department of Infrastructure, Planning and Logistics NT Notice 21(T)/2019

Special light buoys, *Fl(5)20s*, exist in positions 12° 30'.22 S 130° 54'.24 E and 12° 30'.20 S 130° 54'.20 E.

Chart temporarily affected - Aus 26 - Aus 28

611(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Port Darwin - Fort Point - Harbour works

Department of Infrastructure, Planning and Logistics NT Notice 47(T)/2019

Foreshore works will be undertaken at the seawall adjacent to Fort Hill Wharf in an area bounded by the following positions:

12° 28'.31 S 130° 50'.66 E

12° 28'.30 S 130° 50'.59 E

12° 28'.19 S 130° 50'.54 E

12° 28'.18 S 130° 50'.58 E.

The works area will be contained by a silt curtain marked by special light buoys, *Fl.Y.5s*, and pink spherical buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 24 - Aus 28

WESTERN AUSTRALIA

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

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

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

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

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

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

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

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

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

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

CSIRO

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

Chart temporarily affected - Aus 4723 (INT 723)

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*, exist 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:

Position	Depth
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

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

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)

197(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef to Rankin Bank - Scientific instruments

RPS MetOcean

Scientific instruments exist as follows:

Position	Remarks
14° 31'.31 S 121° 33'.95 E	23m below surface
15° 45'.42 S 120° 47'.88 E	343m below surface
17° 08'.44 S 119° 53'.48 E	388m below surface
17° 39'.28 S 119° 11'.53 E	322m below surface
17° 53'.86 S 118° 51'.39 E	18m below surface
18° 16'.03 S 118° 16'.07 E	237m below surface
18° 40'.92 S 117° 36'.69 E	259m below surface
19° 00'.13 S 117° 06'.03 E	264m below surface
19° 13'.48 S 116° 39'.90 E	163m below surface

19° 24'.96 S 116° 15'.57 E 123m below surface
19° 30'.03 S 116° 08'.08 E 120m below surface.

Chart temporarily affected - Aus 322 - Aus 325 - Aus 326 - Aus 327 - Aus 741 - Aus 4722 (INT 722) - Aus 4723 (INT 723)

291(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Well abandonment works northwestwards
Chevron Australia

Sixteen anchors and mooring lines have been installed around the well in position 20° 24'.49 S 114° 50'.95 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 328

297(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Survey operations
Chevron Australia Pty Ltd

A survey vessel and an AUV are conducting survey operations in an area bounded by the following positions:

19° 46'.7 S 115° 16'.0 E
20° 35'.8 S 114° 50'.0 E
21° 11'.1 S 114° 45'.6 E
21° 28'.6 S 114° 49'.1 E
21° 26'.2 S 114° 51'.9 E
20° 36'.9 S 114° 55'.1 E
19° 58'.9 S 115° 20'.4 E
19° 56'.1 S 115° 27'.8 E.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 743 - Aus 744

299(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Rowley Shoals - Scientific instruments

Former Notice - 196(T)/2019 is cancelled
University of Western Australia

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
17° 46'.66 S 118° 59'.23 E	19m below surface
17° 58'.17 S 119° 07'.78 E	18m below surface
18° 00'.45 S 119° 10'.37 E	18m below surface
18° 00'.45 S 119° 10'.37 E	120m below surface
18° 00'.45 S 119° 10'.37 E	special spherical light buoy, <i>Fl.4s</i>

Chart temporarily affected - Aus 325 - Aus 326

358(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredging operations; scientific instrument
Pilbara Ports Authority Notice PH 5(T)/2019

The dredge *Niccolo Machiavelli*, barges *Arent* and *Le Sphinx* and support vessels are conducting dredging operations in the main shipping channel between positions 20° 06'.43 S 118° 28'.21 E and 19° 58'.80 S 118° 26'.65 E.

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

A special light buoy, *Fl(5)Y.20s*, exists in position 20° 05'.84 S 118° 26'.14 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 53

399(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Bandy Creek Boat Harbour - Dredging operations
Department of Transport WA Notice 57/2019

The dredge *Cooper II* is conducting dredging operations in the entrance to Bandy Creek Boat Harbour (33° 50'.17 S 121° 56'.00 E).

The dredge has deployed anchors and will display appropriate lights and shapes. A 60m floating pipeline marked by special

light buoys exists in the area.

The dredge will monitor VHF Ch 16, UHF 15 and Marine 27 MHz Channel 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 119

409(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light beacon damaged; racon non-operational
Australian Maritime Safety Authority

The light beacon, *Fl.2s 9m 12M Racon (G) C1* (19° 59'.50 S 118° 26'.17 E), has been damaged. The racon is non-operational and the light is operating with a reduced range of 5M.

Chart temporarily affected - Aus 53 - Aus 326 - Aus 739 - Aus 740 - Aus 4722 (INT 722)

410(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Nav aids damaged; nav aids off station; nav aids unlit

Former Notice - 360(T)/2019 is cancelled
Department of Transport WA Notice 49/2019, Rio Tinto

Nav aids in the Port Walcott shipping channel may be damaged, off station or destroyed due to a severe weather event.

The south cardinal light buoy, *No63* (20° 30'.54 S 117° 21'.57 E), is off station and currently in a position 200m WSW of charted position.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 55 - Aus 56 - Aus 740 - Aus 741

452(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Bedout Island - Seismic survey northwards
Santos

MV *Ramform Hyperion*, with an 8000m towed array, and support vessels *Thor Modi* and *No Limit* are conducting a seismic survey in an area bounded by the following positions:

19° 30'.0 S 119° 27'.0 E
19° 23'.0 S 118° 27'.0 E
18° 55'.0 S 118° 18'.0 E
18° 32'.0 S 118° 32'.0 E
18° 25'.0 S 119° 03'.0 E
19° 06'.0 S 119° 39'.0 E.

Mariners are advised to navigate with caution in the area. 3M clearance requested.

Chart temporarily affected - Aus 325 - Aus 326 - Aus 739 - Aus 4722 (INT 722)

455(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Mooring buoy northwestwards
Deep Sea Mooring , Australian Maritime Safety Authority Auscoast Warning 146/2019

A lit yellow mooring buoy, *Fl.3s*, exists in position 19° 55'.25 S 115° 07'.98 E.

Chart temporarily affected - Aus 328

457(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards
Australian Maritime Safety Authority Auscoast Warning 104/2019

Drill rig *Ensko DPS-1* is conducting drilling operations in position 21° 30'.70 S 113° 51'.00 E.

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

500(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Cliff Head - Seismic survey
Department of Transport WA Notice 62/2019

Vessels are conducting a seismic survey in an area bounded by the following positions:

29° 34'.71 S 114° 58'.46 E
29° 34'.64 S 114° 56'.36 E
29° 30'.21 S 114° 56'.54 E
29° 30'.31 S 114° 59'.82 E.

The survey area will be marked by special light buoys, Q.Y. Up to 700 orange buoys will be deployed in the area. Vessels are not to interfere or moor to any of these buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 752

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

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

A 500m exclusion zone is requested.

Chart temporarily affected - Aus 57 - Aus 327 - Aus 741 - Aus 742 - Aus 4722 (INT 722) - Aus 4723 (INT 723)

503(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Subsea operations northwestwards
Former Notice - 406(T)/2019 is cancelled
Santos

MV *Skandi Singapore* will be conducting subsea operations in the vicinity of position 21° 23'.21 S 114° 04'.60 E.

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

504(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Coxon Shoal - Obstruction northwestwards
Pilbara Ports Authority Notice PH 10(T)/2019

An underwater obstruction exists in position 20° 02'.92 S 118° 25'.58 E.

A 500m exclusion zone has been established around the obstruction.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 53

559(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards
Former Notice - 497(T)/2019 is cancelled
MODU *Development Driller 1*

Drill rig *Development Driller 1* is conducting drilling operations in position 20° 24'.43 S 114° 50'.82 E.

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

561(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Teggs Channel - Shoaling
Department of Transport WA Notice 69/2019

Shoaling is occurring at the western end of Teggs Channel, extending northwards towards the centre of the channel in an area bounded by the following positions:

24° 54'.40 S 113° 37'.83 E
24° 54'.36 S 113° 37'.96 E
24° 54'.32 S 113° 37'.94 E
24° 54'.36 S 113° 37'.81 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 73

564(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards
MODU *Ocean Apex*

Drill rig *Ocean Apex* is conducting drilling operations in position 19° 54'.79 S 115° 07'.92 E.

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

612(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Mooring buoys northwestwards

Former Notice - 400(T)/2019 is cancelled

Deep Sea Mooring

8 lit yellow mooring buoys, *Fl.3s*, exist within 1.6M radius of 20° 24'.49 S 114° 50'.95 E.

Chart temporarily affected - Aus 328

613(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Bedout Islets - Drill rig northwestwards

MODU Noble Tom Prosser

Drill Rig *Noble Tom Prosser* is conducting drilling operations in position 18° 58'.07 S 118° 50'.85 E.

Chart temporarily affected - Aus 325 - Aus 326 - Aus 739 - Aus 4722 (INT 722)

615(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Broome - Light beacon removed

Former Notice - 560(T)/2019 is cancelled

Kimberley Ports Authority Notice 6/2019, Notice 17/2019

A special light buoy, *Fl(3)Y.5s* exists in position 18° 00'.59 S 122° 12'.97 E.

An exclusion zone of 150m exists. Mariners are requested to contact Broome Port on VHF Ch 14 if there is a need to enter the exclusion zone.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 50 - Aus 51

616(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards

Former Notice - 499(T)/2019 is cancelled

MODU ENSCO 5006

Drill rig *ENSCO 5006* is conducting drilling operations in position 13° 51'.69 S 123° 16'.37 E.

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

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

621(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Scientific instruments northwestwards

Former Notice - 38(T)/2019 is cancelled

RPS Group

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
19° 45'.77 S 114° 29'.02 E	1344m below surface
19° 46'.78 S 114° 56'.04 E	1281m below surface
19° 48'.92 S 114° 38'.46 E	200m below surface
19° 49'.90 S 114° 38'.11 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)

622(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Harbour works

Pilbara Ports Authority Notice PH 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 & Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 53

623(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredging operations

Pilbara Ports Authority Notice PH 11(T)/2019

The dredge *Juan Sebastian De Elcano* and support vessels *Renegade*, *Amplitude* and *Seabus* are conducting dredging operations in the inner harbour, shipping channel, areas adjacent to the shipping channel and designated spoil grounds.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 53 - Aus 54

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

Pilbara Ports Authority Notice PH 4(T)/2019

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

20° 02'.26 S 118° 22'.64 E

20° 09'.20 S 118° 38'.10 E

20° 10'.43 S 118° 33'.99 E

20° 17'.37 S 118° 28'.87 E.

Chart temporarily affected - Aus 53

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

Pilbara Ports Authority Notice PH 26(T)/2018, PH 6(T)/2019

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

20° 17'.96 S 118° 35'.19 E

20° 18'.05 S 118° 35'.09 E

20° 18'.07 S 118° 35'.08 E

20° 18'.16 S 118° 35'.23 E

20° 18'.17 S 118° 35'.07 E.

Chart temporarily affected - Aus 53 - Aus 54

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

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

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

506(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Lucky Bay - Harbour works

Former Notice - 1101(T)/2017 is cancelled

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 closed with a temporary seawall.

Chart temporarily affected - Aus 777

569(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Dredging operations; nav aids

Former Notice - 198(T)/2019 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 3/2019, 8/2019, 15/2019

Dredging works are underway to widen the Outer Channel and Turning Basin. The dredges Gateway and Magnor will operate continuously supported by tugs and barges. Nav aids marking the southern edge of the Entrance Channel, including leading light beacons in positions 34° 46'.71 S 138° 21'.59 E and 34° 46'.74 S 138° 21'.81 E, and north of the eastern Outer Harbor swing circle dredged limit are being removed.

Nav aids that have been removed may be replaced with Virtual Aids to Navigation or temporary buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 130 - Aus 137 - Aus 138 - Aus 781

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

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

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

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

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

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

305(T)/2019 AUSTRALIA - VICTORIA - Western Port - Crib Point - Scientific Instruments
Victorian Regional Channels Authority Notice 58/2019

Special light buoys exist as follows:

<i>Position</i>	<i>Remarks</i>
38° 21'.2 S 145° 13'.6 E	<i>Fl. Y. 5s</i>
38° 20'.9 S 145° 14'.5 E	<i>Fl. Y. 5s</i>
38° 21'.5 S 145° 15'.6 E	<i>Fl. Y. 5s</i>

Chart temporarily affected - Aus 140 - Aus 143 - Aus 152

306(T)/2019 AUSTRALIA - BASS STRAIT - Cape Liptrap to Stanley - Survey operations
Fugro Survey Pty Ltd

Vessel *MV Silver Star*, with a 300m towed array, is conducting a geophysical survey in an area bounded by the following positions:

38° 40'.5 S 145° 39'.5 E
38° 51'.5 S 146° 10'.0 E
40° 56'.0 S 145° 43'.0 E
40° 48'.0 S 145° 13'.0 E.

Vessel will display appropriate lights and shapes.

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

Chart temporarily affected - Aus 178 - Aus 487 - Aus 790 - Aus 799 - Aus 801 - Aus 802 - Aus 4644 (INT 644)

361(T)/2019 AUSTRALIA - VICTORIA - Port Campbell - Survey operations southwestwards
Cooper Energy

Vessel *MV Calypso Star* is conducting survey operations in positions 38° 40'.94 S 142° 49'.65 E and 38° 46'.71 S 142° 36'.07 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 349 - Aus 787

362(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Swanson Dock - Harbour works
Victorian Ports Corporation (Melbourne) Notice 71(T)/2019, 76(T)/2019, 79(T)/2019

Harbour works are in progress at Swanson Dock 3W (37° 48'.76 S 144° 54'.76 E), 3E (37° 48'.76 S 144° 54'.87 E) and 2E (37° 48'.89 S 144° 54'.87 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

364(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Cunningham Pier - Harbour works
Parks Victoria Notice 72(T)/2019

Harbour works associated with the construction of a drainage outfall structure are in progress in the vicinity of position 38° 08'.53 S 144° 21'.63 E.

A vessel and barge are on site.

The boundary of the works will be delineated by silt curtains.

All hazards to navigation will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 153

365(T)/2019 AUSTRALIA - BASS STRAIT - King Island - Cape Wickham - Light range altered

Australian Maritime Safety Authority Auscoast Warning 90/2019

The light, *Fl(2)10s 85m 24M* (39° 35'.33 S 143° 56'.54 E), has been temporarily altered to *Fl(2)10s 85m 15M*.

Chart temporarily affected - Aus 349 - Aus 487 - Aus 789 - Aus 4644 (INT 644) - Aus 4728 (INT 728)

411(T)/2019 AUSTRALIA - VICTORIA - Cape Conran - Subsea operations; pipeline operations southwards
Cooper Energy

Vessel *Seven Eagle* is conducting subsea and pipeline operations between the following 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

508(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Scientific instrument

Former Notice - 414(T)/2019 is cancelled

Victorian Ports Corporation (Melbourne) Notice 112(T)/2019

A subsurface scientific instrument exists in position 38° 01'.70 S 144° 53'.08 E.

Chart temporarily affected - Aus 143 - Aus 155

509(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Rye Channel - Light beacon unlit

Parks Victoria Notice 109(T)/2019

The light beacon, *Fl.3s 2M* (38° 20'.31 S 144° 49'.09 E), is unlit.

Chart temporarily affected - Aus 143 - Aus 158

510(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Martha Point - Light buoy unlit

Parks Victoria Notice 110(T)/2019

The special light buoy, *Fl(3)Y.10s R1* (38° 16'.46 S 144° 58'.36 E), is unlit.

Chart temporarily affected - Aus 143 - Aus 158

511(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Obstruction

Parks Victoria Notice 114(T)/2019

An obstruction, marked by two orange conical buoys, exists in position 37° 51'.41 S 144° 54'.23 E.

Chart temporarily affected - Aus 154

571(T)/2019 AUSTRALIA - VICTORIA - Golden Beach - Scientific instruments

Marine Safety Victoria Notice 103(T)/2019

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
38° 15'.40 S 147° 25'.48 E	special light buoy, <i>Fl.W.4s</i>
38° 15'.38 S 147° 24'.97 E	5m below surface

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357

572(T)/2019 AUSTRALIA - VICTORIA - Western Port - East Arm - Drill rig

Victorian Regional Channels Authority Notice 116/2019

Drill rig *Ocean Monarch* is moored in position 38° 26'.3 S 145° 16'.5 E.

Chart temporarily affected - Aus 150 - Aus 151 - Aus 801

630(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Sandringham - Light beacon unlit
Parks Victoria Notice 121(T)/2019

The starboard lateral light beacon, *Fl(2) G.5s 5m 4M* (37° 56'.48 S 144° 59'.56 E) is unlit.

Chart temporarily affected - Aus 143 - Aus 155

631(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Anonyma Shoal - Light beacon unlit
Parks Victoria Notice 122(T)/2019

The east cardinal light beacon, *VQ(3)5s* (37° 57'.50 S 144° 59'.45 E) is unlit.

Chart temporarily affected - Aus 143 - Aus 155

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

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

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

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

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

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

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

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

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

252(T)/2019 AUSTRALIA - TASMANIA - River Derwent - Geilston Bay - Wreck

Marine and Safety Tasmania Notice 42/2019

A stranded wreck exists in position 42° 50'.44 S 147° 20'.35 E.

Chart temporarily affected - Aus 172

253(T)/2019 AUSTRALIA - TASMANIA - River Tamar - Kings Wharf - Dredging operations

Marine and Safety Tasmania Notice M41/2019

Dredging operations are in progress at Kings Wharf (41° 25'.72 S 147° 07'.43 E).

A pipeline marked by special buoys and red lights exists on the eastern edge of the channel.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 168

416(T)/2019 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instrument

Marine and Safety Tasmania Notice 74/2019

A scientific instrument marked by a white buoy exists in position 42° 10'.03 S 145° 19'.61 E.

Chart temporarily affected - Aus 177

635(T)/2019 AUSTRALIA - TASMANIA - Hobart - Macquarie Point - Harbour works

Marine and Safety Tasmania Notice 104/219

Demolition works are in progress in the vicinity of position 42° 52'.62 S 147° 20'.47 E.

A silt curtain marked by lights, *Fl.3s*, has been established around the works.

The light, *3F.R (vert)* (42° 52'.61 S 147° 20'.47 E) has been temporarily withdrawn.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

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

Marine and Safety Tasmania Notice M113/2019

Vessel *Volcan de Tagoro* is moored 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.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

PAPUA NEW GUINEA and SOUTH PACIFIC

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

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

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)

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

181(P)/2019 PAPUA NEW GUINEA - Duke of York Island - Shoaling

LADS Flight

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

4° 07'.43 S 152° 28'.17 E
4° 10'.10 S 152° 30'.20 E
4° 11'.35 S 152° 30'.07 E
4° 13'.66 S 152° 28'.38 E
4° 15'.11 S 152° 25'.69 E
4° 13'.13 S 152° 22'.60 E
4° 11'.41 S 152° 23'.70 E
4° 07'.06 S 152° 23'.88 E
4° 06'.29 S 152° 24'.62 E
4° 06'.17 S 152° 25'.41 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 545 - Aus 554 - Aus 679 - Aus 680

182(P)/2019 PAPUA NEW GUINEA - Kavieng to Neitab Island - Shoaling

LADS Flight

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

2° 22'.61 S 150° 09'.71 E
2° 21'.43 S 150° 08'.54 E
2° 20'.33 S 150° 09'.36 E
2° 18'.98 S 150° 11'.37 E
2° 18'.08 S 150° 15'.72 E
2° 21'.25 S 150° 23'.71 E
2° 27'.18 S 150° 31'.04 E
2° 34'.90 S 150° 35'.68 E
2° 36'.12 S 150° 42'.35 E
2° 36'.96 S 150° 42'.41 E
2° 36'.40 S 150° 35'.77 E
2° 40'.83 S 150° 31'.32 E.

Shoaler depths may also exist between the Kavieng coast (2° 35'.21 S 150° 47'.31 E) and the islands (Nusa, Nusalik and Nago).

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 392 - Aus 393 - Aus 543 - Aus 666

183(T)/2019 PAPUA NEW GUINEA - Pananiu Island to Boera Head - Lights unlit

National Maritime Safety Authority PNG Warning 5/2019, 6/2019

The following lights are unlit;

<i>Position</i>	<i>Remarks</i>
10° 47'.21 S 152° 00'.44 E	<i>Fl.4s 16m 10M</i>
9° 23'.39 S 147° 00'.85 E	<i>Fl.2.5s 33m 10M</i>

Chart temporarily affected - Aus 379 - Aus 512 - Aus 647 - Aus 4621 (INT 621)

184(P)/2019 PAPUA NEW GUINEA - Vanimo Harbour - Shoaling

LADS Flight

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

02° 38'.94 S 141° 13'.68 E
02° 38'.20 S 141° 14'.03 E
02° 39'.50 S 141° 19'.03 E
02° 42'.75 S 141° 24'.56 E
02° 43'.92 S 141° 24'.09 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 389 - Aus 652

286(P)/2019 PAPUA NEW GUINEA - Madang Harbour - Shoaling

LADS Flight

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

05° 04'.51 S 145° 48'.06 E
05° 11'.75 S 145° 47'.82 E
05° 11'.91 S 145° 49'.61 E

05° 10'.14 S 145° 50'.36 E
05° 04'.14 S 145° 48'.99 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - PNG 646

346(T)/2019 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 - PNG 643

347(P)/2019 PAPUA NEW GUINEA - Lamassa Bay - Shoaling
Fugro

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

04° 40'.56 S 152° 44'.21 E
04° 43'.99 S 152° 46'.78 E
04° 43'.49 S 152° 48'.07 E
04° 40'.64 S 152° 46'.28 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 554 - Aus 668

348(P)/2019 PAPUA NEW GUINEA - Nessup Island - Shoaling
Fugro

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

05° 53'.91 S 148° 02'.21 E
05° 52'.64 S 148° 03'.10 E
05° 53'.48 S 148° 07'.64 E
05° 54'.30 S 148° 07'.67 E
05° 54'.49 S 148° 05'.38 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 673

349(P)/2019 PAPUA NEW GUINEA - New Ireland - Nabuto Bay - Shoaling
National Maritime Safety Authority PNG

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

03° 39'.50 S 152° 25'.50 E
03° 38'.50 S 152° 25'.50 E
03° 38'.50 S 152° 27'.70 E
03° 38'.83 S 152° 27'.80 E.

Significant shoals exist as follows:

<i>Position</i>	<i>Depth</i>
03° 38'.70 S 152° 26'.34 E	9.7m
03° 38'.84 S 152° 26'.02 E	4.0m
03° 38'.81 S 152° 25'.77 E	3.5m
03° 38'.67 S 152° 25'.92 E	12.7m

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 393 - Aus 539 - Aus 668

394(T)/2019 PAPUA NEW GUINEA - Cape Croisilles - Light unlit

National Maritime Safety Authority PNG Coastal Navigation Warning 16/2019

The light, *Fl(2)6s 22m 10M* (4° 50'.89 S 145° 48'.20 E), is unlit.

Chart temporarily affected - Aus 387 - Aus 388 - Aus 4622 (INT 622)

395(P)/2019 PAPUA NEW GUINEA - Deboyne Lagoon - Shoaling

National Maritime Safety Authority PNG

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

10° 45'.28 S 152° 23'.63 E

10° 43'.94 S 152° 24'.33 E

10° 43'.04 S 152° 22'.09 E

10° 44'.21 S 152° 21'.44 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 512

495(T)/2019 PAPUA NEW GUINEA - Madehas Island - Light unlit

National Maritime Safety Authority PNG

The light, *Fl. 10s 137m 16M* (5° 27'.63 S 154° 38'.06 E), is unlit.

Chart temporarily affected - Aus 397 - Aus 399 - Aus 684 - Aus 4604 (INT 604) - Aus 4622 (INT 622)

558(T)/2019 PAPUA NEW GUINEA - Isulailai Point - Light beacon unlit

National Maritime Safety Authority PNG Warning 17/2019

The light beacon, *Fl(2)5s 17m 9M* (10° 33'.63 S 150° 41'.71 E), is unlit.

Chart temporarily affected - Aus 625 - PNG 508

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

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

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

201(T)/2019 SOLOMON ISLANDS - Port Noro - Light beacon unreliable
Former Notice - 142(T)/2019 is cancelled
Solomon Islands Maritime Safety Administration Notice 1/2019, UKHO

The light beacon, *Fl.G.5s 10m 4M* (8° 15'.42 S 157° 11'.35 E), is unreliable.

Chart temporarily affected - SLB 102

512(T)/2019 SOLOMON ISLANDS - Guadalcanal Island - Nughu Kiki - Light beacon unlit
Solomon Islands Maritime Safety Administration Notice 3/2019

The light beacon, *Fl(2)10s 10m 10M* (9° 31'.39 S 159° 34'.20 E), is unlit.

Chart temporarily affected - SLB 303 - SLB 304

514(T)/2019 SOLOMON ISLANDS - Malakobi Island - Pizuanakelekele Reef - Light beacon unlit
Solomon Islands Maritime Safety Administration Notice 4/2019

The light beacon, *Fl.10s 10m 10M* (7° 20'.78 S 158° 01'.21 E), is unlit.

Chart temporarily affected - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 202 - SLB 302

640(T)/2019 SOLOMON ISLANDS - Tawara'o Island - Light unlit
Solomon Islands Maritime Safety Administration Notice 4/2018

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

Chart temporarily affected - Aus 4604 (INT 604) - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 101 - SLB 304 - SLB 305