

**TEMPORARY AND PRELIMINARY NOTICES**  
**In force on 1 May 2020**

**NEW SOUTH WALES**

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

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

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

**Chart temporarily affected - Aus 194**

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

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

**Chart temporarily affected - Aus 813**

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 191**

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

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

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

37° 06'.02 S 149° 55'.66 E

37° 06'.06 S 149° 55'.65 E

37° 06'.03 S 149° 55'.61 E;

and

37° 06'.09 S 149° 55'.63 E

37° 06'.10 S 149° 55'.65 E

37° 06'.18 S 149° 55'.62 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 192**

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

Subsurface scientific instruments exist on the seabed as follows:

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

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

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

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

Mariners are advised to navigate with caution in the area.

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

**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**

**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**

**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**

**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**

**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**

**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**

**1049(T)/2019 AUSTRALIA - NEW SOUTH WALES - Clarence River - North Arm - Dredging operations**

Port Authority of New South Wales Notice 2/2019

Dredging operations are in progress in the vicinity of position 29° 24'.24 S 153° 20'.74 E.

A floating pipeline exists from the dredging area to position 29° 23'.84 S 153° 20'.57 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 222**

**1324(T)/2019 AUSTRALIA - NEW SOUTH WALES - Newcastle - Scientific instrument**

Haskoning Australia

A special light buoy, *Fl.Y.5s*, exists in position 32° 54'.37 S 151° 47'.92 E.

**Chart temporarily affected - Aus 207 - Aus 208**

**102(T)/2020 AUSTRALIA - NEW SOUTH WALES - Newcastle - Throsby Basin - Light unlit**  
Port Authority of New South Wales Notice 1(T)/2020

The light, *WRG.34m 15M* (32° 55'.40 S 151° 45'.68 E), is unlit.

**Chart temporarily affected - Aus 208**

**201(P)/2020 AUSTRALIA - NEW SOUTH WALES - Sydney - Maroochydore - SOLOMON ISLANDS - Submarine cable**  
33 Below Pty Ltd

A submarine cable exists between the following positions:

2° 12'.0 S 156° 20'.0 E  
11° 21'.9 S 163° 38'.8 E  
19° 13'.8 S 159° 28'.9 E  
25° 20'.8 S 160° 15'.7 E  
26° 55'.1 S 157° 57'.9 E  
32° 00'.9 S 154° 50'.8 E  
32° 47'.6 S 154° 44'.5 E  
34° 05'.2 S 153° 01'.0 E  
33° 46'.6 S 152° 07'.2 E  
33° 43'.3 S 151° 18'.0 E  
and  
26° 55'.0 S 157° 57'.9 E  
26° 15'.6 S 156° 39'.3 E  
26° 09'.3 S 153° 50'.2 E  
26° 39'.5 S 153° 06'.7 E.

Charts will be updated in due course.

Mariners are advised to navigate with caution in the area.

**Chart which will be affected - Aus 197 - Aus 235 - Aus 489 - Aus 809 - Aus 815 - Aus 4601 (INT 601) - Aus 4602 (INT 602) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - Aus 4623 (INT 623) - Aus 4634 (INT 634) - Aus 4635 (INT 635) - Aus 4643 (INT 643) - SLB 305**

**247(T)/2020 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Berrys Bay - Jetties ruined**  
Transport for NSW , NSW Roads and Maritime Services

Jetties and piers are ruined, and partially submerged obstructions may exist in an area bounded by the coast and the following positions:

33° 50'.70 S 151° 11'.69 E  
33° 50'.70 S 151° 11'.76 E  
33° 50'.67 S 151° 11'.85 E  
33° 50'.63 S 151° 11'.84 E.

A west cardinal light beacon, *Q(9)15s*, exists in position 33° 50'.59 S 151° 11'.50 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 200 - Aus 202**

**310(T)/2020 AUSTRALIA - NEW SOUTH WALES - Newcastle to Port Stephens - Underwater operations**  
Australian Maritime Safety Authority Auscoast Warning 153/2020

*SPV Pride* is conducting underwater operations in an area bounded by the following positions:

32° 51'.0 S 152° 00'.5 E  
32° 51'.0 S 152° 15'.0 E  
33° 02'.5 S 152° 15'.0 E  
33° 02'.5 S 152° 00'.5 E.

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

**Chart temporarily affected - Aus 489 - Aus 809**



## 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**

### **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**

### **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)**

### **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**

### **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**

### **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**

### **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**

**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**

**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 - Nav aids off station**  
Maritime Safety Queensland Notice 87(T)/2017

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242**

**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**

**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 exists.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 255 - Aus 826**

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

*Former Notice - 258(T)/2016 is cancelled*

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

Light buoys exist as follows:

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

**Chart temporarily affected - Aus 241 - Aus 817**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

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

**Chart temporarily affected - Aus 230**

**408(T)/2018 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Scientific instruments**  
Maritime Safety Queensland

Subsurface scientific instruments marked by special light buoys, *Fl.Y.4.5s*, exist in the following positions:

27° 06'.00 S 153° 15'.60 E  
27° 02'.13 S 153° 16'.77 E.

**Chart temporarily affected - Aus 235 - Aus 236**

**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**

**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**

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

Maritime Safety Queensland Notice 291(T)/2018

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

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

Maritime Safety Queensland Notice 279(T)/2018

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

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

Maritime Safety Queensland Notice 296(T)/2018

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

27° 21'.19 S 153° 07'.33 E

27° 20'.88 S 153° 07'.53 E

27° 20'.96 S 153° 07'.70 E

27° 21'.27 S 153° 07'.51 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**658(T)/2019 AUSTRALIA - QUEENSLAND - Hay Point - Exclusion zone**  
Maritime Safety Queensland Notice 247(T)/2019

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

21° 16'.24 S 149° 17'.54 E  
21° 15'.69 S 149° 18'.55 E  
21° 15'.53 S 149° 18'.46 E  
21° 15'.48 S 149° 18'.58 E  
21° 15'.68 S 149° 18'.71 E  
21° 15'.86 S 149° 18'.75 E  
21° 15'.86 S 149° 18'.78 E  
21° 15'.90 S 149° 18'.79 E  
21° 15'.88 S 149° 18'.82 E  
21° 15'.91 S 149° 18'.86 E  
21° 16'.16 S 149° 19'.02 E

21° 16'.37 S 149° 18'.63 E  
21° 16'.17 S 149° 18'.51 E  
21° 16'.53 S 149° 17'.84 E.

**Chart temporarily affected - Aus 249 - Aus 250**

**662(T)/2019 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Dredging operations**

Maritime Safety Queensland Notice 289(T)/2019

The dredge *Warraber* and support vessels *Darnley* and *Barralodge* are conducting dredging operations in Rosslyn Bay Harbour (23° 09'.52 S 150° 47'.26 E).

A submerged pipeline marked by special light buoys, *Fl. Y5s*, exists between the following positions:

<i>Position</i>	<i>Remarks</i>
23° 09'.54 S 150° 47'.37 E	breakwater
23° 09'.18 S 150° 47'.75 E	
23° 09'.01 S 150° 47'.80 E	lit pontoon.

A floating pipeline marked by special light buoys, *Fl. Y5s*, exists in the harbour which is connected to the dredge. Safe passage exists between a starboard lateral buoy (23° 09'.58 S 150° 47'.35 E) and a port lateral buoy (23° 09'.60 S 150° 47'.34 E).

Mariners are advised to navigate with caution in the area and to contact VHF Ch 16 if the dredge or pipeline are impeding their safe passage.

**Chart temporarily affected - Aus 247**

**663(T)/2019 AUSTRALIA - QUEENSLAND - Thomatis Creek - Dredging operations**

Maritime Safety Queensland Notice 293(T)/2019

The dredge *RN Balder* is conducting dredging operations in the entrance to Thomatis Creek (16° 49'.47 S 145° 43'.97 E).

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

<i>Position</i>	<i>Remarks</i>
16° 47'.56 S 145° 45'.12 E	marked by a special light buoy, <i>Fl. Y</i>
16° 47'.90 S 145° 45'.46 E	marked by a special light buoy, <i>Fl. Y</i>
16° 48'.39 S 145° 45'.13 E	
16° 48'.05 S 145° 44'.70 E.	

A submerged pipeline exists between the dredge and a special light buoy, *Fl. Y*, in position 16° 48'.20 S 145° 44'.93 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 262**

**715(T)/2019 AUSTRALIA - QUEENSLAND - Cape Grafton to Double Island - Scientific instruments**

*Former Notice - 485(T)/2019 is cancelled*

Maritime Safety Queensland Notice 287(T)/2019

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

16° 44'.45 S 145° 41'.83 E  
16° 48'.20 S 145° 44'.68 E  
16° 57'.90 S 145° 47'.70 E  
16° 51'.71 S 145° 50'.47 E  
16° 51'.97 S 145° 54'.08 E  
16° 53'.47 S 145° 47'.67 E  
16° 46'.73 S 145° 48'.64 E  
16° 52'.86 S 145° 52'.29 E  
16° 52'.36 S 145° 50'.70 E.

Special light beacons, *Fl. Y.2s*, exist in the following positions:

16° 53'.29 S 145° 46'.27 E  
16° 54'.04 S 145° 47'.76 E  
16° 54'.90 S 145° 46'.75 E.

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

**716(T)/2019 AUSTRALIA - QUEENSLAND - Daintree River - Light buoy withdrawn**  
Maritime Safety Queensland Notice 302(T)/2019

The safe water light buoy, *LFl.10s* (16° 18'.93 S 145° 27'.16 E), has been temporarily withdrawn.

**Chart temporarily affected - Aus 831**

**718(T)/2019 AUSTRALIA - QUEENSLAND - Hook Island - Light beacon unlit**  
Maritime Safety Queensland Notice 322(T)/2019

The south cardinal light beacon, Q(6) + *LFl.15s* (20° 10'.83 S 148° 56'.02 E), is unlit.

**Chart temporarily affected - Aus 252**

**720(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Light beacon destroyed**  
Maritime Safety Queensland Notice 243(T)/2019

The special light beacon, *Fl(4)Y.10s* (27° 09'.23 S 153° 03'.93 E), has been destroyed; a light buoy, *Fl.Y.3s*, exists in situ.

**Chart temporarily affected - Aus 236**

**723(T)/2019 AUSTRALIA - QUEENSLAND - Weipa - Tide gauge; light buoy**  
Maritime Safety Queensland Notice 319(T)/2019

A tide gauge marked by a special light buoy, *Fl.Y.6s*, exists in position 12° 44'.72 S 141° 29'.88 E.

**Chart temporarily affected - Aus 4 - Aus 301**

**786(T)/2019 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations**  
Maritime Safety Queensland

Vessel *LaurieM* and the dredge *Brisbane* are conducting dredging operations in the entrance channel (17° 26'.00 S 140° 44'.00 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 6**

**833(T)/2019 AUSTRALIA - QUEENSLAND - Cairns - Smiths Creek - Dredging operations**  
Maritime Safety Queensland

Dredging operations are in progress between positions 16° 56'.50 S 145° 46'.73 E and 16° 57'.18 S 145° 46'.43 E.

Mariners are advised to make contact with Cairns VTS on VHF Ch 12 when transiting the area and to navigate with caution.

**Chart temporarily affected - Aus 263 - Aus 264**

**834(T)/2019 AUSTRALIA - QUEENSLAND - Gladstone - Auckland Point Wharves - Harbour works**  
Maritime Safety Queensland 360(T)/2019

Construction of a mooring dolphin is in progress off the eastern end of berth No 4 (23° 50'.02 S 151° 15'.91 E) by vessel *AMS Shine* and the barge *M1201* and support vessels.

Vessels and hazards will display appropriate lights and shapes.

Vessels will monitor VHF Ch 13.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 244 - Aus 271**

**837(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Dredging operations**  
*Former Notice - 391(T)/2019 is cancelled*  
Maritime Safety Queensland Notice 359(T)/2019



The barge *PMG 123* and support vessels are conducting dredging operations in the Ross River entrance (19° 15'.48 S 146° 50'.74 E).

The barge will deploy anchors marked by light buoys. All vessels will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 257**

##### **890(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works**

Maritime Safety Queensland Notice 375(T)/2019

The construction of a pontoon is being carried out by barges 'Steel Ranger' and 'Cobia' and support vessels. The barges and hazards will be lit.

Vessels will monitor VHF Ch13 and Ch16.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 238**

##### **891(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Rocks Reach - Scientific instrument**

Maritime Safety Queensland Notice 383(T)/2019

A special light buoy, *Fl.Y.2-5s*, exists in position 27° 24'.58 S 153° 08'.82 E.

#### **Chart temporarily affected - Aus 237 - Aus 238**

##### **892(T)/2019 AUSTRALIA - QUEENSLAND - Cairns - Light beacon withdrawn**

Maritime Safety Queensland Notice 372(T)/2019

The light beacon, *Fl.G.4s C9*, has been temporarily withdrawn; a starboard lateral light buoy, *Fl.G.4s*, exists in situ.

#### **Chart temporarily affected - Aus 262**

##### **895(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoy**

Maritime Safety Queensland Notice 365(T)/2019

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

#### **Chart temporarily affected - Aus 235 - Aus 236**

##### **951(T)/2019 AUSTRALIA - QUEENSLAND - Abbot Point - Light beacon unlit; light buoy established**

*Former Notice - 369(T)/2017* is cancelled

Maritime Safety Queensland

The east cardinal light beacon, *Q(3)10s* (19° 51'.12 S 148° 03'.89 E), is unlit.

A special conical light buoy, *Fl.Y.1-5s*, exists in position 19° 51'.05 S 148° 03'.95 E.

#### **Chart temporarily affected - Aus 255 - Aus 826**

##### **959(T)/2019 AUSTRALIA - QUEENSLAND - Karumba - Shoaling; shipping channel**

*Former Notice - 487(T)/2019* is cancelled

Maritime Safety Queensland Notice 384(T)/2019, 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° 45'.018 E

17° 26'.618 S 140° 45'.090 E

17° 26'.642 S 140° 45'.172 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 135° (T) to waypoint 17° 26'.610 S 140° 45'.000 E;  
then steer 119° (T) to waypoint 17° 26'.660 S 140° 45'.090 E;  
then steer 096° (T) to waypoint 17° 26'.680 S 140° 45'.270 E;  
then steer 090° (T) to waypoint 17° 26'.680 S 140° 45'.460 E;  
then steer 085° (T) to waypoint 17° 26'.580 S 140° 46'.590 E.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 6**

#### **1011(T)/2019 AUSTRALIA - QUEENSLAND - Bowen - Harbour works**

Maritime Safety Queensland Notice 418(T)/2019

Harbour works are in progress to extend the breakwater (20° 01'.16 S 148° 15'.42 E).

The seaward extremity of the works will be marked by lights, *Fl.Y.4s*.

Mariners are advised to navigate with caution in this area.

#### **Chart temporarily affected - Aus 268**

#### **1012(T)/2019 AUSTRALIA - QUEENSLAND - Bribie Island - North West Channel - Wreck**

Maritime Safety Queensland Notice 403(T)/2019

A wreck exists in the vicinity of position 26° 56'.00 S 153° 12'.00 E.

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

#### **1097(T)/2019 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Harbour works**

Maritime Safety Queensland

A barge and support vessels are conducting pile driving and construction works in area bounded by the following positions:

16° 55'.42 S 145° 46'.86 E  
16° 55'.43 S 145° 46'.92 E  
16° 55'.82 S 145° 46'.84 E  
16° 55'.81 S 145° 46'.78 E.

An exclusion zone exists in the area and only vessels involved in the works, QWPS and Government vessels are permitted in the area.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 263**

#### **1098(T)/2019 AUSTRALIA - QUEENSLAND - Gladstone - Rodds Harbour to Worthington Island - Scientific instruments**

Maritime Safety Queensland Notice 437(T)/2019

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

23° 54'.99 S 151° 21'.57 E  
23° 48'.29 S 151° 12'.47 E  
23° 47'.73 S 151° 14'.31 E  
23° 47'.03 S 151° 18'.39 E  
23° 46'.05 S 151° 10'.09 E  
23° 42'.87 S 151° 08'.57 E.

#### **Chart temporarily affected - Aus 245 - Aus 246 - Aus 247 - Aus 271 - Aus 272 - Aus 819**

#### **1111(T)/2019 AUSTRALIA - TORRES STRAIT - Ellis Channel - Hovell Bar - Light buoy off station**

Maritime Safety Queensland Notice 443(T)/2019

The starboard light buoy, *Fl.G.2·5s No1* (10° 33'.95 S 142° 15'.38 E), is off station.

**Chart temporarily affected - Aus 299**

**1156(P)/2019 AUSTRALIA - QUEENSLAND - Cairns - Dredged channel**

Ports North , Maritime Safety Queensland Notice 467(T)/2019

The entrance channel and Trinity Inlet have been widened and dredged to a depth of *9.0m*.

The eastern portion of the swing basin in position 16° 55'.54 S 145° 46'.94 E has been dredged to *8.5m*.

The Trinity Inlet channel has been dredged further southwards to a depth of *9.0m* to a new swing basin in position 16° 56'.45 S 145° 46'.91 E, with a depth of *8.3m*.

Berths 1 to 6 (16° 55'.65 S 145° 46'.82 E) have been dredged to a depth of *9.3m*.

Charts will be updated in due course.

**Chart which will be affected - Aus 262 - Aus 263 - Aus 264**

**1215(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Humbug Reach - Harbour works**

Maritime Safety Queensland Notice 469(T)/2019

Works associated with repairs of the sea wall are in progress along the north shore in the vicinity of position 27° 28'.48 S 153° 02'.89 E.

Mariners are advised to navigate with in the area.

**Chart temporarily affected - Aus 238**

**1216(T)/2019 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations**

Maritime Safety Queensland

Dredging operations are in progress at the naval base (16° 56'.20 S 145° 46'.73 E).

Barges and support vessels are on site and may deploy anchors which may be marked by buoys or lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 263 - Aus 264**

**1221(P)/2019 AUSTRALIA - QUEENSLAND - Skardon River - Shoaling**

Precision Hydrographic Services

Latest survey shows shoaler depths than those charted may exist in Skardon River (11° 46'.27 S 141° 57'.94 E).

Mariners are advised to navigate with caution in the area.

Chart will be updated in due course.

**Chart which will be affected - Aus 301**

**1255(P)/2019 AUSTRALIA - QUEENSLAND - Abbot Point - Shoal**

Maritime Safety Queensland

A shoal, least depth *16.8m* , exists in position 19° 51'.30 S 148° 04'.90 E.

Mariners are advised to navigate with caution in the area.

**Chart which will be affected - Aus 255**

**1256(T)/2019 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Town Reach - Obstruction**

Maritime Safety Queensland Notice 479(T)/2019

An obstruction marked by a special light buoy, *Fl.Y.2-5s*, exists in position 24° 51'.67 S 152° 21'.41 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242**

**1257(T)/2019 AUSTRALIA - QUEENSLAND - Gloucester Passage - Light buoy unlit**

Maritime Safety Queensland Notice 501(T)/2019

The port lateral light buoy, *Fl.R.2-5s No2* (20° 03'.29 S 148° 28'.15 E), is unlit.

**Chart temporarily affected - Aus 268**

**1259(T)/2019 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Wave Break Island - Scientific instruments**

Maritime Safety Queensland Notice 500(T)/2019

Special light buoys, *Fl.Y.2-5s*, exist in the following positions:

27° 56'.01 S 153° 25'.11 E

27° 56'.36 S 153° 25'.13 E

27° 56'.50 S 153° 24'.61 E.

**Chart temporarily affected - Aus 230**

**1260(T)/2019 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Tin Can Bay - Light beacon unlit**

Maritime Safety Queensland Notice 492(T)/2019

The light beacon, *Fl.G.2-5s* (25° 53'.93 S 153° 00'.84 E), is unlit.

**Chart temporarily affected - Aus 240**

**1261(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Rainbow Channel - Light beacon unlit**

Maritime Safety Queensland Notice 493(T)/2019

The light beacon, *Fl.R.3s* (27° 28'.33 S 153° 24'.61 E), is unlit.

**Chart temporarily affected - Aus 236**

**1326(T)/2019 AUSTRALIA - QUEENSLAND - Karumba - Light beacon damaged**

Maritime Safety Queensland Notice 506(T)/2019

The light beacon, *F.Bu & Fl.G.4s (F Day) No9* (17° 26'.71 S 140° 45'.25 E), is damaged. The light beacon is currently only displaying light, *Fl.G.4s*, and the topmark is missing.

**Chart temporarily affected - Aus 6**

**33(T)/2020 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Garden Island - Light beacon destroyed**

Maritime Safety Queensland Notice 531(T)/2019

The light beacon, *Fl.R.3s* (25° 36'.62 S 152° 53'.53 E), has been destroyed; a port lateral light buoy, *Fl.R.3s*, exists in situ.

**Chart temporarily affected - Aus 240**

**65(P)/2020 AUSTRALIA - QUEENSLAND - Gladstone - Shoaling**

Maritime Safety Queensland

Latest survey shows shoaler depths than those charted may exist in the vicinity of position 23° 46'.79 S 151° 11'.97 E and 23° 50'.10 S 151° 15'.96 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

**Chart which will be affected - Aus 244 - Aus 271**

**103(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works**

Maritime Safety Queensland Notice 24(T)/2020

Works are in progress at the Fitting-Out Wharf (27° 26'.80 S 153° 04'.64 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

**105(T)/2020 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Obstruction; light buoy**

Maritime Safety Queensland Notice 19(T)/2020

An obstruction marked by a special light buoy, *Fl.Y.2-5s*, exists in position 19° 18'.26 S 147° 22'.96 E.

**Chart temporarily affected - Aus 827**

**106(T)/2020 AUSTRALIA - QUEENSLAND - Gladstone - Clinton Channel - Light buoys**

Maritime Safety Queensland Notices 17, 20(T), 25(T)/2020

A starboard lateral pillar light buoy, *Fl.G.4s*, exists in position 23° 49'.21 S 151° 14'.85 E.

A west cardinal pillar light buoy, *VQ(9)10s*, exists in position 23° 49'.01 S 151° 14'.66 E.

**Chart temporarily affected - Aus 244 - Aus 245 - Aus 271**

**107(T)/2020 AUSTRALIA - QUEENSLAND - Hamilton Island - Nav aids**

Maritime Safety Queensland Notice 29(T)/2020

The Hamilton Island Marina leading lights *F.R* (20° 20'.78 S 148° 57'.10 E, 20° 20'.77 S 148° 57'.15 E) and leading line *081°* have been temporarily withdrawn.

**Chart temporarily affected - Aus 253 - Aus 254**

**156(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - Boggy Creek - Harbour works**

*Former Notice - 104(T)/2020 is cancelled*

Maritime Safety Queensland Notice 26(T)/2020, UKHO

Works are in progress on the Overhead Oil Pipeline (27° 23'.28 S 153° 09'.00 E).

Mariners are requested to maintain a minimum clearance of 10m from the pipeline and advised to navigate with caution in the area.

**Chart temporarily affected - Aus 237**

**157(T)/2020 AUSTRALIA - QUEENSLAND - Gladstone - Auckland Point Wharves - Harbour works**

Maritime Safety Queensland Notice 44(T)/2020

Works are in progress at berth No 1 (23° 49'.9 S 151° 15'.4 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 244 - Aus 271**

**158(T)/2020 AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Wild Cattle Cutting - Light beacon destroyed**

Maritime Safety Queensland Notice 45(T)/2020

The light beacon, *Fl.R.4s S10* (23° 55'.68 S 151° 28'.81 E), has been destroyed; a port lateral buoy, *Fl.R.4s*, exists in position 23° 55'.66 S 151° 28'.84 E.

**Chart temporarily affected - Aus 246**

**159(T)/2020 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Mary River - Heath Reach - Scientific instrument**

*Former Notice - 657(T)/2019 is cancelled*

Maritime Safety Queensland Notice 55(T)/2020

A special light buoy, *Fl.Y.3s*, exists in position 25° 30'.23 S 152° 47'.22 E.

**Chart temporarily affected - Aus 241**

**160(T)/2020 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Light buoy unlit**

Maritime Safety Queensland Notice 36(T)/2020

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

**Chart temporarily affected - Aus 259**

**161(T)/2020 AUSTRALIA - QUEENSLAND - Mooloolaba - Dredging operations**

Maritime Safety Queensland Notice 40(T)/2020

The dredge *Navua* is conducting dredging operations in the inner harbour.

A semi-submerged pipeline, marked by special light buoys, exists from the dredge and along the western side of the channel to the end of the western breakwater. The dredge has deployed submerged cables that extend across the channel.

The dredge 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 235**

**162(T)/2020 AUSTRALIA - QUEENSLAND - Moreton Bay - Waterloo Bay - Dredging operations**

*Former Notice - 964(T)/2019 is cancelled*

Maritime Safety Queensland Notice 39(T)/2020

The vessels *Sea Lion* and *Allan M* are conducting dredging operations in the entrance channel (27° 28'.08 S 153° 13'.25 E).

The vessels will moor in position 27° 27'.25 S 153° 12'.99 E when not in use.

The dredge will monitor VHF Ch 13.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**202(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - Aquarium Passage - Wreck**

Maritime Safety Queensland Notice 42(T)/2020

A wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 27° 26'.29 S 153° 07'.62 E.

**Chart temporarily affected - Aus 238**

**203(T)/2020 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations**

Maritime Safety Queensland Notice 69(T)/2020

The dredge *Woomera*; barges *Steel Hauler*, *MDT 1801*, *Stradbroke* and *PMG 180*; survey/transfer vessel *Nuginistar*; and tug boats *Laurie M*, *Ocean*, *Mildred* and *Jackal* are conducting dredging operations in an area bounded by the following positions:

23° 48'.58 S 151° 14'.09 E

23° 49'.11 S 151° 14'.66 E

23° 49'.50 S 151° 15'.19 E

23° 49'.51 S 151° 15'.24 E

23° 49'.47 S 151° 15'.25 E

23° 49'.14 S 151° 14'.85 E

23° 49'.03 S 151° 14'.84 E

23° 48'.83 S 151° 14'.57 E

23° 48'.51 S 151° 14'.25 E

23° 48'.44 S 151° 14'.05 E.

The dredge will display appropriate lights and shapes.

All vessels will monitor VHF Ch 13, Ch 15 and Ch 16.

The unloading pontoon *AMS Gladstone* exists in an area bounded by the following positions:

23° 45'.90 S 151° 09'.87 E  
23° 45'.89 S 151° 09'.97 E  
23° 45'.96 S 151° 09'.98 E  
23° 45'.97 S 151° 09'.88 E.

The pontoon will be marked by lights, Q, in positions 23° 45'.92 S 151° 09'.95 E and 23° 45'.93 S 151° 09'.95 E.

Mariners are advised to navigate with caution in the area and be vigilant of barges being towed to and from the dredge area.

**Chart temporarily affected - Aus 244 - Aus 245 - Aus 247 - Aus 271 - Aus 272 - Aus 819**

**204(T)/2020 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Tin Can Inlet - Light beacon unlit**

Maritime Safety Queensland Notice 75(T)/2020

The west cardinal light beacon, Q(9)15s (25° 53'.59 S 153° 02'.43 E), is unlit.

**Chart temporarily affected - Aus 240**

**206(T)/2020 AUSTRALIA - QUEENSLAND - Townsville - Harbour works**

Maritime Safety Queensland Notice 71(T)/2020

Harbour works associated with the construction of a rock wall are in progress in an area bounded by the following:

<i>Position</i>	<i>Remarks</i>
19° 14'.84 S 146° 50'.43 E	special light beacon, <i>Fl. Y. 4s C1</i>
19° 14'.70 S 146° 50'.51 E	special light buoy, <i>Fl. Y. 4s C2</i>
19° 14'.58 S 146° 50'.62 E	special light buoy, <i>Fl. Y. 4s S1</i>
19° 14'.81 S 146° 50'.84 E	special light buoy, <i>Fl. Y. 4s C4</i>
19° 15'.08 S 146° 51'.04 E	special light buoy, <i>Fl. Y. 4s S2</i>
19° 15'.22 S 146° 50'.94 E	special light buoy, <i>Fl. Y. 4s C6</i>
19° 15'.34 S 146° 50'.83 E	special light buoy, <i>Fl. Y. 4s C7</i>

Uncharted rocks resulting from the works will present a hazard to navigation in the area.

Mariners are advised not to anchor within or navigate through the area.

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

**248(T)/2020 AUSTRALIA - QUEENSLAND - Fitzroy River - Light buoys off station**

Maritime Safety Queensland Notice 77/2020

Due to flooding in the Fitzroy River (23° 31'.0 S 150° 50'.0 E), light buoys may be off station and sand bars may have moved.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 247 - Aus 819**

**249(T)/2020 AUSTRALIA - QUEENSLAND - Richardson Reef to Newman Reef - Scientific instruments**

Maritime Safety Queensland

A scientific instrument marked by an orange buoy exists in position 10° 07'.33 S 143° 02'.20 E.

A scientific instrument marked by a yellow buoy exists in position 10° 03'.33 S 143° 10'.18 E.

**Chart temporarily affected - Aus 837 - Aus 839**

**252(T)/2020 AUSTRALIA - TORRES STRAIT - Thursday Island - Harbour works**

Maritime Safety Queensland

Barge *PMG 121* and support vessel *PMG Sailfish* are conducting harbour works in the vicinity of position 10° 35'.19 S 142° 13'.20 E.

The barge has deployed anchors marked by special buoys and yellow lights.

Vessels are to keep 200m clear of the barge at all times.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 293 - Aus 299**

**283(T)/2020 AUSTRALIA - QUEENSLAND - Gold Coast - Scientific instrument**  
Maritime Safety Queensland Notice 84(T)/2020

A special light buoy, *Fl(5)Y.20s*, exists in position 27° 58'.18 S 153° 26'.50 E.

**Chart temporarily affected - Aus 230**

**284(T)/2020 AUSTRALIA - QUEENSLAND - Hamilton Island - Nav aids**  
Maritime Safety Queensland Notice 108(T)/2020

The Hamilton Island Marina is closed to all marine traffic.

Marina leading lights *F.R* (20° 20'.78 S 148° 57'.10 E, 20° 20'.77 S 148° 57'.15 E) have been temporarily altered to *Fl.Y.3s* to indicate the closure.

**Chart temporarily affected - Aus 252 - Aus 253 - Aus 254 - Aus 4621 (INT 621) - Aus 4635 (INT 635)**

**285(T)/2020 AUSTRALIA - QUEENSLAND - Hayman Island - Lead lights unlit**  
Maritime Safety Queensland 96(T)/2020

The leading light, *F.Bu* (20°03'.58 S 148° 52'.89 E), is unlit.

The leading light, *F.Bu* (20° 03'.56 S 148° 52'.88 E), is unlit.

**Chart temporarily affected - Aus 252 - Aus 254**

**286(T)/2020 AUSTRALIA - QUEENSLAND - Laguna Quays - Shoaling; nav aids**  
*Former Notice - 917(T)/2017 is cancelled*  
Maritime Safety Queensland Notice 103(T)/2020

Shoaling exists within the entrance channel and waterways around the Laguna Quays Marina (20° 36'.0 S 148° 41'.0 E).

Nav aids marking the entrance channel and in the marina may not be operational.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 252**

**287(T)/2020 AUSTRALIA - QUEENSLAND - Moreton Bay - Caloundra Head - Light unlit**  
Maritime Safety Queensland Notice 97(T)/2020

The light, *LFl.WR.10s 31m 8M* (26° 48'.13 S 153° 09'.04 E) is unlit.

Mariners are advised to navigate with caution in the area.

Note: Charted light characteristics are inconsistent and will be updated once light is re-established.

**Chart temporarily affected - Aus 235 - Aus 815 - Aus 4635 (INT 635) - Aus 4643 (INT 643)**

**311(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Vertical clearance reduced**  
Maritime Safety Queensland Notice 112(T)/2020; 115(T)/2020

A temporary gantry has been installed underneath the Captain Cook Bridge in position 27° 28'.89 S 153° 01'.78 E.

The gantry is 7m wide and will reduce vertical clearance of the bridge to 10.6m. The gantry is marked by lights, *Fl.Y.2s*.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**



**312(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - Inner Reach - Harbour works**

Maritime Safety Queensland Notice 126(T)/2020

The barge *Gosford* and support vessels *Turbo* and *Carl James* are conducting works at Port North Common User Berth No1 (27° 23'.03 S 153° 09'.29 E).

All vessels with 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 237**

**313(T)/2020 AUSTRALIA - QUEENSLAND - Hayman Island - Marina closure**

Maritime Safety Queensland 116(T)/2020

Mariners are advised that Hayman Island Marina (20° 03'.63 S 148° 52'.92 E) is closed to all marine traffic. A stop sign and a string of unlit yellow buoys have been placed between the innermost port and starboard lateral marks at the marina entrance to indicate the closure.

**Chart temporarily affected - Aus 252 - Aus 254**

**349(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Harbour works**

Maritime Safety Queensland Notice 144(T)/2020

A special light buoy, *Fl.Y.2.5s*, exists in position 27° 28'.82 S 153° 01'.86 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

**351(P)/2020 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling**

Maritime Safety Queensland

Latest survey shows shoaler depths than those charted may exist in the vicinity of position 27° 56'.47 S 153° 25'.24 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

**Chart which will be affected - Aus 230**

**352(T)/2020 AUSTRALIA - QUEENSLAND - Golding Cutting - Light beacon destroyed**

Maritime Safety Queensland Notice 143(T)/2020

The port lateral light beacon, *Fl.R.4s S24* (23° 54'.75 S 151° 24'.55 E), has been destroyed; a port lateral cylindrical light buoy, *Fl.R.4s*, exists in situ.

**Chart temporarily affected - Aus 246**

**353(T)/2020 AUSTRALIA - QUEENSLAND - Townsville - Harbour works**

Maritime Safety Queensland Notice 125(T)/2020

A barge is conducting pile driving works between berth No 9 (19° 15'.08 S 146° 49'.91 E) and berth No 10 (19° 15'.04 S 146° 49'.86 E).

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

**Chart temporarily affected - Aus 257**

## NORTHERN TERRITORY

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

Former Notice - 671(T)/2008 is cancelled

Modec Management Services

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

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

### **1193(T)/2014 AUSTRALIA - NORTHERN TERRITORY - East Vernon Island - Obstruction**

Department of Transport NT

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

**Chart temporarily affected - Aus 20**

### **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**

### **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**

### **728(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Gove Harbour - Light buoy off station**

Rio Tinto

The isolated danger light buoy, *Fl(2)5s* (12° 12'.55 S 136° 40'.63 E), is off station.

**Chart temporarily affected - Aus 15**

### **909(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Melville Island to Bathurst Island - Harbour works**

Department of Infrastructure, Planning and Logistics NT Notice 7/2019

Works associated with the installation of two ferry landings are in progress in the vicinity of positions 11° 45'.17 S 130° 38'.37 E and 11° 44'.75 S 130° 38'.45 E.

A barge will deploy anchors at each site.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 23 - Aus 722**

**109(T)/2020 AUSTRALIA - NORTHERN TERRITORY - Darwin - Elliott Point - Harbour works**

Department of Infrastructure, Planning and Logistics NT Notice 3(T)/2020

Vessel *Welchman* is conducting works associated with the reconstruction of the seawall (12° 27'.62 S 130° 49'.14 E).

A silt curtain will be established along the seawall and will remain in place until the completion of the works. Concrete mooring blocks marked by special light buoys will anchor the silt curtain.

A 100m restricted area exists from the seawall for vessels not involved in the works, unless specifically authorised.

The vessel will monitor VHF Ch 10 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 24 - Aus 25 - Aus 26**

**166(T)/2020 AUSTRALIA - TIMOR SEA - Sahul Banks - Jabiru Shoals - Seismic survey**

Searcher Seismic

On or about 22 February 2020, a vessel will be conducting a seismic survey in an area bounded by the following positions:

11° 24'.09 S 124° 45'.35 E

11° 32'.85 S 124° 37'.06 E

11° 48'.32 S 124° 37'.55 E

12° 00'.70 S 124° 47'.39 E

11° 55'.26 S 125° 08'.85 E

11° 38'.87 S 125° 21'.70 E

11° 26'.50 S 125° 06'.70 E

11° 11'.99 S 125° 06'.38 E

11° 12'.20 S 124° 45'.10 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 314 - Aus 321 - Aus 4721 (INT 721) - Aus 4722 (INT 722)**

## WESTERN AUSTRALIA

### **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**

### **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**

### **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**

### **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**

### **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**

### **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**

**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**

**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**

**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*, exists in the following positions:

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

**Chart temporarily affected - Aus 64 - Aus 69**

**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**

**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**

**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**

**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**

**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**

**800(T)/2019 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 117 - Aus 754**

**910(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards**  
Chevron Australia

Subsea operations are in progress in the vicinity of position 20° 34'.71 S 114° 46'.35 E.

Mariners are advised to navigate with caution in the area.

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

**911(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards**  
Chevron Australia

Subsea operations are in progress in the vicinity of position 19° 51'.16 S 114° 30'.87 E.

Mariners are advised to navigate with caution in the area.

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

**917(P)/2019 AUSTRALIA - WESTERN AUSTRALIA - Wyndham - Shoaling**

*Former Notice - 846(P)/2019 is cancelled*  
Department of Transport WA

Latest survey shows shoaler depths than those charted may exist within the approaches to Wyndham wharf, with least depths as follows:

<i>Position</i>	<i>Depth</i>
15° 18'.67 S 128° 05'.29 E	0.2m
15° 24'.81 S 128° 05'.73 E	-0.2m
15° 25'.62 S 128° 05'.61 E	0.0m

Mariners are advised to navigate with caution in the area.

**Chart which will be affected - Aus 32**

**978(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Geographe Marina - Dredging operations**  
Department of Transport WA Notice 101/2019

The dredge *Cooper II* 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**

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

*Former Notice* - 628(T)/2019 is cancelled

Pilbara Ports Authority Notice PH 26(T)/2018, 17(T)/2019

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

**Chart temporarily affected - Aus 53 - Aus 54**

**1020(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Light altered**

*Former Notice* - 842(T)/2019 is cancelled

Department of Transport WA Notice 87/2019

The light, *Fl. WR.5s 16/5M* (24° 52'.56 S 113° 37'.87 E), has been temporarily altered to *Fl.5s*.

**Chart temporarily affected - Aus 73 - Aus 331**

**1065(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Mooring buoys northwestwards**

Australian Maritime Safety Authority AUSCOAST Warning 272/2019, Maersk Supply Service

8 lit yellow and 8 lit red mooring buoys, *Fl.3s*, exist within 1.5M radius of 20° 34'.65 S 114° 46'.64 E.

**Chart temporarily affected - Aus 328**

**1066(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards**

Chevron Australia

On or about 14 October 2019, drill rig *Dhirubhai Deepwater KG2* will be conducting drilling operations in position 19° 51'.17 S 114° 30'.94 E.

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

**1070(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Geographe Bay - Scientific instruments**

Department of Transport WA Notice 115/2019

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

33° 37'.34 S 115° 23'.84 E

33° 37'.35 S 115° 23'.75 E

33° 37'.50 S 115° 22'.34 E

33° 37'.51 S 115° 22'.26 E

33° 38'.08 S 115° 22'.33 E

33° 38'.08 S 115° 22'.39 E.

**Chart temporarily affected - Aus 116 - Aus 755**

**1113(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Pluto Channel - Light buoy established**

Pilbara Ports Authority Notice D15(T)/2019

A special pillar light buoy, *Fl. Y.3s P18*, with topmark exists in position 20° 35'.90 S 116° 45'.00 E.

**Chart temporarily affected - Aus 59**

**1118(P)/2019 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**

**1162(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Subsea operations**

*Former Notice - 219(T)/2018 is cancelled*

McDermott Australia

On or about 12 November 2019, Vessel *LV108* and support vessels will be 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)**

**1163(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Subsea operations**

McDermott Australia

On or about 11 November 2019, Vessel *Offshore Solution* will be conducting subsea operations in an area bounded by the following positions:

14° 01'.23 S 123° 04'.31 E  
14° 01'.23 S 123° 10'.08 E  
13° 59'.92 S 123° 10'.08 E  
13° 59'.92 S 123° 20'.08 E  
13° 49'.92 S 123° 20'.08 E  
13° 49'.92 S 123° 15'.08 E  
13° 48'.46 S 123° 15'.07 E  
13° 48'.46 S 123° 11'.64 E  
14° 00'.27 S 123° 04'.31 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)**

**1165(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Beacon Head - Obstruction; light buoy**

Fremantle Ports Notice 6(T)/2019, Department of Transport WA

An obstruction marked by a spherical isolated danger light buoy, *F(2)10s*, exists in position 32° 09'.16 S 115° 40'.65 E.

**Chart temporarily affected - Aus 117**

**1224(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Ninety Mile Beach - Survey operations**

Esso Australia Pty Ltd

Vessel *MV Ocean Dynasty* is conducting a geophysical survey in the vicinity of positions 38° 19'.07 S 147° 36'.95 E and 38° 14'.40 S 147° 52'.42 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 357 - Aus 487**

**1273(T)/2019 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 742**

**1280(P)/2019 AUSTRALIA - WESTERN AUSTRALIA - Houtman Abrolhos - North Island to Pelsaert Island - Shoaling**  
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 332**

**1283(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Oyster Harbour - Artificial reef**

Department of Transport WA Notice 136/2019

Works to establish artificial reefs are in progress in the vicinity of positions 34° 59'.53 S 117° 57'.56 E and 34° 59'.24 S 117° 57'.19 E.

The construction areas will be marked by special buoys.

A barge and support vessel are on site and will display appropriate lights and shapes and monitor VHF Ch 16.

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

**Chart temporarily affected - Aus 110**

**1285(T)/2019 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**

**1334(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards**

Chevron Australia , MODU *Development Driller 1*

Drill rig *Development Driller 1* is conducting drilling operations in position 20° 34'.6 S 114° 46'.6 E.

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

**36(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Mooring buoys northwestwards**

Deep Sea Mooring

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

**Chart temporarily affected - Aus 328**

**73(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards**

Australian Maritime Safety Authority , MODU *Ocean Apex*

Drill rig *Ocean Apex* is conducting drilling operations in position 20° 08'.86 S 115° 02'.45 E.

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

**110(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Breaksea Island - Light altered**

Australian Maritime Safety Authority Auscoast Warning 26/2020, 31/2020

The light, *Fl(2)6s 119m 13M & Oc.R.1-5s 119m 15M* (35° 03'.86 S 118° 03'.46 E), has been temporarily altered to *Fl(2)6s 119m 15M*.

**Chart temporarily affected - Aus 110 - Aus 118 - Aus 336 - Aus 337**

**168(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Light beacon unlit; light buoy off station**

Chevron Australia Notice 1/2020, 2/2020

The special light beacon, *Mo(U)Y.15s* (20° 49'.09 S 115° 32'.95 E), is unlit.

The special light buoy, *Fl(5)Y.20s* (20° 49'.47 S 115° 30'.85 E), is off station.

**Chart temporarily affected - Aus 65**

**172(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Beadon Creek - Harbour works**

Department of Transport WA Notice 9/2020

Development works associated with Beadon Creek and Beadon Bay are currently underway. The development is associated with berth infrastructure on western side of the creek and dredging of swing basins and berth pockets which will be marked by nav aids.

Until works are completed, the use of Beadon Creek will be restricted to those vessels approved by Western Australian Department of Transport.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 69**

**212(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Scientific instruments northwestwards**  
CSIRO

Subsurface scientific instruments exist as follows:

<i>Position</i>	<i>Depth below surface</i>
31° 38'.8 S 115° 11'.8 E	24m
31° 43'.7 S 115° 02'.5 E	23m
31° 45'.9 S 114° 57'.9 E	496m
31° 59'.0 S 115° 13'.7 E	180m
31° 59'.4 S 115° 23'.1 E	22m
32° 00'.0 S 115° 25'.0 E	46m

**Chart temporarily affected - Aus 754**

**290(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig westwards**

Australian Maritime Safety Authority Auscoast Warning 138/2020

Drill rig *Maersk Deliverer* is conducting drilling operations in position 14° 05'.59 S 123° 08'.34 E.

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

**291(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Hall Bank - Light beacon damaged**

Fremantle Ports Notice 02(T)/2020

The port light beacon, *Fl.R.4s 7m 4M* (32° 01'.89 S 115° 42'.73 E), is damaged; a temporary light, *Oc.Y 3s 7m*, exists on the beacon.

**Chart temporarily affected - Aus 112 - Aus 113 - Aus 754**

**317(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Facilities Channel - Light unlit**

Pilbara Ports Authority Notice D07(T)/2020

The front lead light, *F & Al. WRG.48m 3M* (20° 37'.06 S 116° 45'.11 E) is unlit.

**Chart temporarily affected - Aus 57 - Aus 59**

**318(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Roly Rock - Drill rig**  
Australian Maritime Safety Authority , Valaris

Drill rig *Valaris 107* is moored in position 20° 30'.60 S 116° 28'.89 E.

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

**319(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards**  
*Former Notice - 255(T)/2020 is cancelled*  
Australian Maritime Safety Authority Auscoast Warning 156/2020

Drill rig *Valaris DPS-1* is conducting drilling operations in position 19° 49'.60 S 115° 10'.53 E.

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

**320(P)/2020 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Anchorages**  
Australian Hydrographic Office

The following charted anchorages *A1-A14, B1-B15, D1-D9, G1-G14, H1-H6* have been withdrawn and replaced with the anchorages in the table below.

<i>Anchorage Desig</i>	<i>Position</i>
<i>W1</i>	20° 06'.9 S 118° 24'.5 E
<i>W2</i>	20° 06'.9 S 118° 25'.8 E
<i>W3</i>	20° 08'.2 S 118° 24'.5 E
<i>W4</i>	20° 08'.1 S 118° 25'.8 E
<i>W5</i>	20° 08'.1 S 118° 27'.1 E
<i>W6</i>	20° 09'.4 S 118° 24'.5 E
<i>W7</i>	20° 09'.4 S 118° 25'.8 E
<i>W8</i>	20° 09'.4 S 118° 27'.1 E
<i>A1</i>	20° 06'.4 S 118° 30'.0 E
<i>A2</i>	20° 04'.7 S 118° 31'.0 E
<i>A3</i>	20° 04'.7 S 118° 32'.2 E
<i>A4</i>	20° 05'.8 S 118° 31'.0 E
<i>A5</i>	20° 05'.8 S 118° 32'.2 E
<i>A6</i>	20° 06'.9 S 118° 31'.1 E
<i>A7</i>	20° 06'.9 S 118° 32'.2 E
<i>A8</i>	20° 08'.0 S 118° 31'.1 E
<i>A9</i>	20° 08'.0 S 118° 32'.2 E
<i>D1</i>	20° 03'.0 S 118° 34'.7 E
<i>D2</i>	20° 03'.0 S 118° 35'.9 E
<i>D3</i>	20° 04'.1 S 118° 34'.4 E
<i>D4</i>	20° 04'.1 S 118° 35'.6 E
<i>D5</i>	20° 04'.1 S 118° 36'.8 E
<i>D6</i>	20° 04'.1 S 118° 37'.9 E
<i>D7</i>	20° 05'.2 S 118° 34'.4 E
<i>D8</i>	20° 05'.2 S 118° 35'.6 E
<i>D9</i>	20° 05'.2 S 118° 36'.8 E
<i>D10</i>	20° 05'.2 S 118° 37'.9 E
<i>D11</i>	20° 06'.2 S 118° 33'.9 E
<i>D12</i>	20° 06'.2 S 118° 35'.0 E
<i>D13</i>	20° 06'.1 S 118° 36'.2 E
<i>D14</i>	20° 06'.1 S 118° 37'.4 E
<i>D15</i>	20° 06'.1 S 118° 38'.5 E
<i>D16</i>	20° 07'.3 S 118° 33'.9 E
<i>D17</i>	20° 07'.3 S 118° 35'.0 E
<i>D18</i>	20° 07'.2 S 118° 36'.2 E
<i>D19</i>	20° 07'.2 S 118° 37'.4 E
<i>D20</i>	20° 07'.2 S 118° 38'.5 E
<i>D21</i>	20° 10'.0 S 118° 36'.0 E
<i>D22</i>	20° 10'.0 S 118° 37'.1 E

Note: Anchorages *F1* and *F2* are unchanged.

Charts will be updated in due course.

**Chart which will be affected - Aus 53 - Aus 326**

**355(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Scientific instrument northwards**  
RPS Group

An orange spherical light buoy, Q(5)Y.20s, exists in position 20° 00'.89 S 115° 21'.27 E.

**Chart temporarily affected - Aus 327 - Aus 328**

**356(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - FPSO off station northwards**  
Santos

The FPSO *Ningaloo Vision* (21° 24'.22 S 114° 05'.31 E) is off station; a direct turret mooring, with least depth 26m exists in situ.

Floating lines exist within a 0.3M radius of the direct turret mooring.

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

## 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**

**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**

**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**

**732(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Flinders Channel - Bluff Reach - Light beacon unlit**

Department of Planning, Transport and Infrastructure SA Notice 22/2019

The light beacon, *Fl.R.3s No16* (32° 40'.08 S 137° 45'.86 E), is unlit.

**Chart temporarily affected - Aus 132**

**733(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Lacedpede Bay - Wreck**

Australian Maritime Safety Authority Auscoast 180/2019

A wreck exists in position 36° 26'.93 S 139° 40'.20 E.

**Chart temporarily affected - Aus 347**

**734(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Rivoli Bay - Scientific instruments**

Department of Planning, Transport and Infrastructure SA Notice 23(T)/2019

Subsurface scientific instruments exist in the following positions:

37° 29'.22 S 140° 01'.20 E

37° 33'.83 S 140° 07'.06 E.

**Chart temporarily affected - Aus 127**

**735(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Wirrina Cove - Light beacon altered**

*Former Notice* - 1045(T)/2018 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 7/2019

The light beacon, *F.Bu* (35° 30'.07 S 138° 14'.35 E), has been temporarily altered to *F.Y.*

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

**919(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Cape Jaffa - Marina closure**

*Former Notice* - 173(T)/2018 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 30/2019

Mariners are advised that due to seasonal shoaling and seagrass wrack at the entrance to Cape Jaffa Marina (36° 56'.18 S 139° 41'.84 E) the marina is closed to all vessels.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 127**

**983(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Port Stanvac - Curlew Point - Light beacon damaged**

Department of Planning, Transport and Infrastructure SA Notice 28(T)/2019

The west cardinal light beacon, *Q(9)15s* (35° 06'.43 S 138° 27'.90 E), is damaged and unlit.



## Chart temporarily affected - Aus 125 - Aus 781

### 1339(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Thevenard - Harbour works

Former Notice - 920(T)/2019 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 29/2019, 40/2019

Maintenance and construction operations on the Thevenard jetty are in progress (32° 08'.95 S 133° 38'.45 E).

A jack-up barge and support vessels are on site. An exclusion zone around the barge and floating plant will be marked with special and red buoys.

Vessels will display appropriate lights and shapes.

The front leading light, *F.Bu (occas) (F Day (occas))* (32° 08'.93 S 133° 38'.59 E), has been moved to position 32° 08'.93 S 133° 38'.61 E. The bearing of the navline is now 090-5°.

Mariners are advised to navigate with caution in the area.

## Chart temporarily affected - Aus 122

### 292(P)/2020 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Navmarks

Former Notice - 1291(P)/2019 is cancelled

Department of Planning, Transport and Infrastructure SA

The Entrance Channel (34° 47'.19 S 138° 24'.51 E) has been widened to 170m and the Swinging Basin (34° 46'.02 S 138° 29'.19 E) has been expanded to a diameter of 560m.

Nav aids marking the southern edge of the Entrance Channel and north of the eastern Outer Harbor Swinging Basin have been altered follows;

Name	Position	New Position	New Characteristic
<i>F.Bu &amp; Fl.Bu.4s</i>	34° 46'.71 S 138° 21'.59 E	34° 46'.694 S 138° 21'.458 E	
<i>F.Bu &amp; Fl.Bu.2s</i>	34° 46'.75 S 138° 21'.81 E	34° 46'.731 S 138° 21'.682 E	
<i>Q.10M Entrance</i>	34° 46'.81 S 138° 22'.52 E	34° 46'.815 S 138° 22'.529 E	<i>Q.10M Entrance AIS</i>
<i>Fl.G.2s No1</i>	34° 46'.94 S 138° 22'.77 E	34° 46'.995 S 138° 22'.934 E	
<i>Fl.G.2s No3</i>	34° 47'.09 S 138° 23'.64 E	34° 47'.146 S 138° 23'.854 E	<i>Starboard Lateral V-AIS</i>
<i>VQ.G No5</i>	34° 47'.23 S 138° 24'.52 E	34° 47'.254 S 138° 24'.513 E	<i>VQ.G No5 AIS</i>
<i>Fl.G.2s No7</i>	34° 47'.34 S 138° 25'.21 E	34° 47'.368 S 138° 25'.206 E	<i>Starboard Lateral V-AIS</i>
<i>Fl.G.2s No9</i>	34° 47'.45 S 138° 25'.86 E	34° 47'.450 S 138° 25'.706 E	
<i>F.Bu &amp; Fl.4s</i>	34° 47'.65 S 138° 26'.25 E	34° 47'.654 S 138° 26'.255 E	
<i>F.Bu &amp; Fl.G.2s No11</i>	34° 47'.58 S 138° 26'.64 E	34° 47'.598 S 138° 26'.568 E	
<i>F.Bu &amp; Fl.G.2s No13</i>	34° 47'.58 S 138° 26'.91 E	34° 47'.592 S 138° 26'.923 E	
<i>F.Bu &amp; Fl.4s</i>	34° 47'.62 S 138° 27'.17 E	34° 47'.633 S 138° 27'.177 E	
<i>F.Bu &amp; Fl.G.2s No15</i>	34° 47'.50 S 138° 27'.45 E	34° 47'.491 S 138° 27'.479 E	
<i>F.Bu.7m &amp; Q.5m</i>	34° 47'.34 S 138° 27'.96 E	34° 47'.346 S 138° 27'.963 E	
<i>F.Bu.15m &amp; F.Bu.9m</i>	34° 47'.26 S 138° 28'.39 E	34° 47'.275 S 138° 28'.357 E	
<i>F.Bu.5m &amp; Fl.G.2s No17</i>	34° 47'.08 S 138° 28'.52 E	34° 47'.083 S 138° 28'.492 E	
<i>Q.R No14</i>	34° 46'.79 S 138° 28'.64 E	34° 46'.755 S 138° 28'.642 E	
<i>Q.R No18</i>	34° 46'.36 S 138° 28'.95 E	34° 46'.274 S 138° 28'.979 E	
<i>Fl.R.2s No18B</i>	34° 46'.06 S 138° 29'.04 E	34° 46'.056 S 138° 29'.025 E	
<i>Q.R No18C</i>	34° 45'.97 S 138° 29'.12 E	34° 45'.942 S 138° 29'.098 E	
<i>F.Bu.5m</i>	34° 45'.90 S 138° 29'.34 E	34° 45'.890 S 138° 29'.327 E	
<i>F.Bu.8m</i>	34° 45'.59 S 138° 29'.56 E	34° 45'.583 S 138° 29'.542 E	

Note; Existing navline bearings remain unchanged in their new positions

Charts will be updated in due course

## Chart which will be 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)**

### **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**

### **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**

### **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**

**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**

**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**

**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**

**678(T)/2019 AUSTRALIA - VICTORIA - Port Fairy Bay - Scientific instrument**

*Former Notice - 844(T)/2018 is cancelled*

Maritime Safety Victoria Notice 127(T)/2019

A special spherical light buoy, *Fl.Y.2-5s* exists in position 38° 22'.91 S 142° 17'.23 E.

**Chart temporarily affected - Aus 141 - Aus 349**

**737(T)/2019 AUSTRALIA - VICTORIA - Cape Duquesne - Scientific instruments**

Maritime Safety Victoria Notice 165(T)/2019

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
38° 24'.52 S 141° 16'.26 E	25m below surface
38° 24'.24 S 141° 17'.48 E	84m below surface
38° 24'.10 S 141° 18'.04 E	76m below surface
38° 23'.97 S 141° 18'.60 E	69m below surface
38° 23'.83 S 141° 19'.16 E	70m below surface
38° 23'.69 S 141° 19'.73 E	67m below surface
38° 23'.56 S 141° 20'.25 E	67m below surface
38° 23'.44 S 141° 20'.73 E	61m below surface
38° 23'.34 S 141° 21'.18 E	50m below surface
38° 23'.24 S 141° 21'.57 E	30m below surface
38° 23'.15 S 141° 21'.91 E	18m below surface.

**Chart temporarily affected - Aus 140 - Aus 348 - Aus 349 - Aus 4728 (INT 728)**

**806(P)/2019 AUSTRALIA - VICTORIA - Lakes Entrance - Reeve Channel - Shoaling**

Gippsland Ports Notice 160(P)/2019

Shoaling with a least depth of 1.4m exists in an area between port lateral light buoy, *Fl.R3s No6* (37° 52'.80 S 147° 57'.57 E), and starboard lateral light buoy, *Fl.G.3s No1A* (37° 52'.81 S 147° 57'.41 E).

Dredging is in progress in the area and the port lateral light buoy, *Fl.R3s No6*, may be temporarily withdrawn or established in a different position to enable dredging.

Mariners are advised to navigate with caution in the area.

**Chart which will be affected - Aus 182**

**923(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Frankston - Pier damaged**

Parks Victoria 195(T)/2019

Frankston Pier (38° 08'.78 S 145° 06'.85 E) has been damaged and will be closed to all vessels until further notice.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143**

**988(T)/2019 AUSTRALIA - VICTORIA - Western Port - Stony Point to Sandy Point - Shoaling**

Victorian Regional Channels Authority Notice 199/2019

Shoaling exists in the vicinity of the following positions:

<i>Position</i>	<i>Least depth</i>	<i>Remarks</i>
38°25'.5 S 145° 13'.8 E	13.6m	Extending up to 100m into shipping channel
38°22'.8 S 145° 14'.7 E	13.2m	Extending up to 50m into shipping channel
38°21'.9 S 145° 14'.4 E	13.5m	Extending up to 40m into shipping channel
38°22'.1 S 145° 14'.3 E	13.8m	Extending up to 10m into shipping channel

Mariners are advised to navigate with caution in the area.

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

**1231(T)/2019 AUSTRALIA - VICTORIA - Golden Beach - Scientific instrument**

Former Notice - 571(T)/2019 is cancelled

Maritime Safety Victoria Notice 273(T)/2019

An orange conical light buoy, *Fl.4s*, exists in position 38° 15'.37 S 147° 25'.35 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 357**

**1232(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Harbour works**

Parks Victoria Notice 278(T)/2019

Works associated with the construction of a floating wave attenuation structure are in progress in the vicinity of position 38°

08'.54 S 144° 21'.99 E.

Barges and support vessels are on site.

Piles exist in the area and will be marked until the floating wave attenuation structure is installed.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 153**

**1292(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Sandringham - Light beacon unlit**

*Former Notice* - 1170(T)/2019 is cancelled

Parks Victoria Notice 121(T)/2019, 285(T)/2019

The starboard lateral light beacon, *Fl(2)G.5s 5m 4M* (37° 56'.48 S 144° 59'.56 E), is unlit; a starboard lateral light buoy, *Fl(2)G.5s*, exists in position 37° 56'.51 S 144° 59'.53 E.

**Chart temporarily affected - Aus 143 - Aus 155**

**38(T)/2020 AUSTRALIA - VICTORIA - Lakes Entrance - North Arm - Shoaling**

Gippsland Ports Notice 291(T)/2019

Shoaling exists from Bullock Island (37° 53'.04 S 147° 58'.07 E) extending approximately 50m into North Arm channel and is marked at the northern extremity by a starboard conical light buoy, *Fl.G.2s*, in position 37° 53'.01 S 147° 58'.07 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 182**

**39(T)/2020 AUSTRALIA - VICTORIA - Port Albert Entrance - Scientific instruments eastwards**

Star of the South Wind Farm

Special light buoys, *Fl(5)Y.20s*, exist in the following positions:

38° 51'.12 S 146° 52'.15 E

38° 47'.15 S 146° 56'.03 E

38° 40'.46 S 147° 01'.31 E.

**Chart temporarily affected - Aus 357 - Aus 487 - Aus 802**

**40(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Scientific instrument**

Victorian Regional Channels Authority Notice 310(T)/2019

A scientific instrument marked by a special light buoy, *Fl.Y*, exists on the seabed in position 38° 05'.07 S 144° 23'.25 E.

**Chart temporarily affected - Aus 153**

**42(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Brighton - Obstruction**

Parks Victoria Notice 296(T)/2018

An obstruction marked by a buoy exists in position 37° 54'.44 S 144° 58'.95 E.

**Chart temporarily affected - Aus 155**

**77(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Swanson Dock - Harbour works**

*Former Notice* - 1233(T)/2019 is cancelled

Victorian Ports Corporation (Melbourne) Notice 79(T)/2019, 11(T)/2020

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**78(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Mordialloc - Light unlit**

Parks Victoria Notice 14(T)/2020

The light, *Fl.R.2s 3M* (38° 00'.76 S 145° 04'.97 E), is unlit.

**Chart temporarily affected - Aus 143 - Aus 155**

**115(T)/2020 AUSTRALIA - VICTORIA - Golden Beach - Scientific instrument southeastwards**  
Metocean Services International

A special spherical light buoy, *Fl(5)Y.20s*, exists in position 38° 18'.87 S 147° 37'.58 E.

**Chart temporarily affected - Aus 357**

**180(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Grassy Point - Light beacons destroyed**  
Parks Victoria Notice 57(T)/2020

The special light beacons, *Fl(4)Y.12s 3M*, in positions 38° 06'.00 S 144° 41'.44 E and 38° 06'.00 S 144° 42'.20 E have been destroyed; special conical light buoys, *Fl(4)Y.12s 3M*, exist in situ.

**Chart temporarily affected - Aus 143 - Aus 157**

**181(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Light beacon destroyed**  
Victorian Ports Corporation (Melbourne) Notice 63(T)/2020

The port lateral light beacon, *Fl(3)R.10s No14* (38° 19'.66 S 144° 51'.62 E), has been destroyed; a special spar light buoy, *Fl.Y.1.5s*, exists in situ.

**Chart temporarily affected - Aus 143 - Aus 158**

**217(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Point Nepean - Light buoy off station**  
Parks Victoria Notice 88(T)/2020

The special light buoy, *Fl.Y.5s* (38° 17'.95 S 144° 39'.14 E), is off station.

**Chart temporarily affected - Aus 144 - Aus 158**

**219(T)/2020 AUSTRALIA - VICTORIA - Portland Bay - Scientific instruments**  
Maritime Safety Victoria Notice 79(T)/2020

Subsurface scientific instruments exist 5m below the surface in the following positions:

38° 16'.05 S 141° 50'.82 E

38° 16'.10 S 141° 51'.17 E

38° 16'.14 S 141° 51'.56 E.

**Chart temporarily affected - Aus 140 - Aus 349**

**264(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Sorrento Channel - Light beacon destroyed**  
Parks Victoria Notice 100(T)/2020, 103(T)/2020

The starboard lateral light beacon, *Fl.G.5s No1* (38° 19'.48 S 144° 44'.53 E), has been destroyed; a starboard lateral light buoy, *Fl.G.5s*, exists in situ.

**Chart temporarily affected - Aus 143 - Aus 158**

**297(T)/2020 AUSTRALIA - VICTORIA - Seal Islands - Scientific instruments eastwards**  
Star of the South Wind Farm

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
38° 42'.20 S 147° 06'.01 E	17m below surface
38° 50'.14 S 146° 46'.05 E	17m below surface
38° 50'.80 S 146° 55'.74 E	17m below surface
38° 51'.09 S 146° 53'.71 E	17m below surface
38° 51'.44 S 146° 54'.86 E	17m below surface

38° 51'.68 S 147° 06'.30 E      32m below surface  
38° 52'.06 S 147° 17'.71 E      32m below surface  
38° 52'.24 S 146° 55'.08 E      17m below surface.

**Chart temporarily affected - Aus 181 - Aus 357 - Aus 802**

**325(T)/2020 AUSTRALIA - VICTORIA - Gippsland Lakes - Seismic survey southeastwards**

*Former Notice - 258(T)/2020 is cancelled*

CGG , Australian Maritime Safety Authority Auscoast Warnings 157/2020

MV *Geo Coral*, with a 7300m towed array, along with support vessels *Ocean Dynasty*, *Maria-G*, *Dell Richey II* and *Northern Star* are conducting a seismic survey in an area bounded by the following positions:

39° 06'.99 S 149° 00'.08 E  
38° 31'.54 S 149° 38'.33 E  
38° 20'.90 S 149° 38'.55 E  
37° 57'.02 S 148° 05'.07 E  
38° 12'.34 S 147° 36'.83 E  
38° 30'.69 S 147° 29'.97 E  
38° 36'.53 S 147° 54'.64 E  
38° 44'.59 S 147° 48'.36 E.

Mariners are advised to navigate with caution in the area. 6M clearance requested.

**Chart temporarily affected - Aus 357 - Aus 487 - Aus 805**

**328(T)/2020 AUSTRALIA - VICTORIA - Port Fairy - Light unreliable**

*Former Notice - 177(T)/2020 is cancelled*

Maritime Safety Victoria

The light, *Fl(2)10s 12m 4M* (38° 23'.46 S 142° 15'.27 E), is unreliable.

**Chart temporarily affected - Aus 141 - Aus 349**

**358(T)/2020 AUSTRALIA - VICTORIA - Port Campbell - Mooring buoys southwards**

Deep Sea Mooring

8 yellow mooring buoys, *Fl.3s*, exist within 1M radius of 38° 53'.5 S 142° 52'.9 E.

**Chart temporarily affected - Aus 349 - Aus 787**

**359(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Exclusion zone**

Victorian Ports Corporation (Melbourne) Notice 129(T)/2020

Mariners are advised a temporary exclusion zone of 600 m will be established around the *Blue Marlin* (38°06'.0 S 144°53'.0 E) and *Ocean Onyx*, (38°06'.26 S 144°50'.38 E). Authorised vessels working in close proximity of the operations excepted.

Mariners are advised to navigate with caution and shall reduce speed having due regard to the safety of the operation.

**Chart temporarily affected - Aus 143**

## TASMANIA

### **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**

### **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**

**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**

**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**

**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**

**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**

**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**

**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**

**745(T)/2019 AUSTRALIA - TASMANIA - Bruny Island - Cape Connella - Light buoys**

Former Notice - 1052(T)/2018 is cancelled

Marine and Safety Tasmania Notice M119/2019

Special light buoys, *Fl.Y.1-5s*, exist in positions 43° 24'.58 S 147° 22'.83 E and 43° 23'.47 S 147° 23'.94 E.

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

**747(T)/2019 AUSTRALIA - TASMANIA - Maria Island - Scientific instruments**

Former Notice - 170(T)/2016 is cancelled

Marine and Safety Tasmania

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

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**

**858(T)/2019 AUSTRALIA - TASMANIA - Cape Raoul - Scientific instrument southwards**

Marine and Safety Tasmania Notice M137/2019

A special light buoy, *Fl.Y.6s*, exists in position 43° 27'.96 S 147° 48'.00 E.

**Chart temporarily affected - Aus 796**

**989(T)/2019 AUSTRALIA - TASMANIA - Devonport - Drilling operations**

Marine and Safety Tasmania Notice M150/2019

Drilling operations are in progress in the vicinity of positions 41° 11'.06 S 146° 22'.00 E and 41° 11'.34 S 146° 21'.92 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 164**

**1127(T)/2019 AUSTRALIA - TASMANIA - King Island - Grassy Harbour - Harbour works**

Marine and Safety Tasmania Notice M170/2019

Works associated with the reconstruction of Fishermans Wharf are in progress.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 178**

**1171(T)/2019 AUSTRALIA - TASMANIA - Bruny Island - Variety Point - Light buoys**

Marine and Safety Tasmania Notice M147/2019

Special light buoys, *Fl. Y. 4s*, exist in positions 43° 12'.08 S 147° 27'.01 E and 43° 12'.19 S 147° 27'.42 E.

**Chart temporarily affected - Aus 173**

**1346(T)/2019 AUSTRALIA - TASMANIA - Storm Bay - Scientific instruments**

Marine and Safety Tasmania Notice M189/2019

Scientific instruments exist on the seabed as follows:

<i>Position</i>	<i>Remarks</i>
43° 04'.01 S 147° 33'.77 E	28m below surface
43° 10'.20 S 147° 33'.30 E	43m below surface.

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

**1347(T)/2019 AUSTRALIA - TASMANIA - Waubs Bay - Scientific instrument**

Marine and Safety Tasmania Notice M198/2019

A subsurface scientific instrument exists in the vicinity of position 41° 52'.21 S 148° 17'.99 E.

**Chart temporarily affected - Aus 766**

**81(T)/2020 AUSTRALIA - TASMANIA - Burnie - Survey operations**

Fugro

Vessel *Noel*, with a 50m towed array, is conducting survey operations in an area bounded by the following positions:

41° 00'.0 S 145° 49'.8 E  
41° 01'.8 S 145° 49'.8 E  
41° 03'.6 S 145° 55'.2 E  
41° 04'.8 S 146° 00'.0 E  
41° 03'.0 S 146° 01'.2 E.

Mariners are advised to navigate with caution in the area. 150m clearance is requested.

**Chart temporarily affected - Aus 163 - Aus 799**

**82(T)/2020 AUSTRALIA - TASMANIA - River Tamar - Kings Wharf - Dredging operations**

Marine and Safety Tasmania Notice M009/2020

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.

The dredge anchor is marked by a red buoy and exists on the western side of the channel.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 168**

**183(P)/2020 AUSTRALIA - TASMANIA - North West Bay - Barretta - Infrastructure**

A Boon

The marina pontoons have been extended to seaward (43° 02'.95 S 147° 16'.14 E).

Mariners are advised to navigate with caution in the area.

Charts will updated in due course.

**Chart which will be affected - Aus 171 - Aus 174**

**360(T)/2020 AUSTRALIA - TASMANIA - Marion Bay - Buoy off station**  
Maritime and Safety Tasmania Notice M070/2020

The port lateral buoy (42° 50'.41 S 147° 53'.60 E) is off station.

**Chart temporarily affected - Aus 169 - Aus 171**

## 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)**

### **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**

**78(P)/2019 PAPUA NEW GUINEA - Admiralty Islands - Seadler 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**

**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**

**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**

**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**

**904(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 4604 (INT 604) - Aus 4622 (INT 622) - PNG 684**

**968(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 - PNG 679 - PNG 680**

**1016(P)/2019 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 623 - PNG 506 - PNG 507**

**1018(T)/2019 PAPUA NEW GUINEA - Dampier Strait - Nesup Channel - Light buoys off station**

*Former Notices* - 460(T)/2018, 30(T)/2019 are cancelled

National Maritime Safety Authority PNG , B Cooper

The port lateral light buoy, *Fl.R.2s* (5° 53'.27 S 148° 08'.70 E), and the starboard lateral light buoy, *Fl.G.2s* (5° 53'.92 S 148° 09'.05 E), are off station.

**Chart temporarily affected - Aus 673**

**1059(T)/2019 PAPUA NEW GUINEA - Kerema Bay - Cable laying operations**

Australian Maritime Safety Authority Navarea X Warning 66/2019

Vessel *Teneo* is conducting cable laying operations between positions 7° 59'.63 S 145° 45'.96 E and 8° 12'.75 S 145° 31'.03 E.

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

**Chart temporarily affected - Aus 379 - Aus 502 - PNG 378**

**1110(T)/2019 PAPUA NEW GUINEA - Oreore Channel - Light buoy off station**

National Maritime Safety Authority PNG Coastal Navigation Warning 39/2019

The port lateral light buoy, *Q.R* (10° 13'.68 S 150° 52'.78 E), is off station.

**Chart temporarily affected - PNG 628**

**1269(P)/2019 PAPUA NEW GUINEA - Siassi Islands - Shoaling**

*Former Notice - 348(P)/2019 is cancelled*

*Fugro , HMAS Melville*

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

5° 53'.91 S 148° 02'.21 E

5° 52'.64 S 148° 03'.10 E

5° 52'.64 S 148° 07'.67 E

5° 54'.30 S 148° 07'.67 E

5° 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**

**1331(T)/2019 PAPUA NEW GUINEA - Isulailai Point - Light beacon unlit**

National Maritime Safety Authority PNG Warning 43/2019

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**

**1332(T)/2019 PAPUA NEW GUINEA - Vabukori - Light unlit**

National Maritime Safety Authority PNG Coastal Navigation Warning 44/2019

The light, *Oc.6s 90m 10M* (9° 29'.79 S 147° 11'.33 E), is unlit.

**Chart temporarily affected - Aus 379 - Aus 505 - Aus 621**

**108(T)/2020 PAPUA NEW GUINEA - Bismarck Sea - Alim Island - Light unlit**

National Maritime Safety Authority PNG Coastal Navigation Warning 1/2020

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)**

**164(P)/2020 PAPUA NEW GUINEA - SOLOMON ISLANDS - Submarine cable**

33 Below Pty Ltd

A submarine cable exists between the following positions:

9° 30'.11 S 147° 10'.21 E

10° 44'.26 S 147° 41'.80 E

15° 00'.71 S 153° 28'.18 E

22° 03'.78 S 155° 56'.03 E

27° 11'.16 S 155° 58'.74 E

27° 13'.80 S 155° 59'.08 E

29° 00'.17 S 156° 46'.65 E

31° 27'.48 S 156° 41'.51 E

32° 14'.08 S 155° 21'.76 E

34° 04'.85 S 154° 18'.99 E

34° 29'.36 S 153° 13'.74 E

34° 31'.95 S 152° 18'.46 E

34° 23'.78 S 151° 49'.19 E

33° 54'.33 S 151° 16'.55 E;

and

9° 52'.00 S 159° 03'.00 E

10° 07'.33 S 158° 37'.49 E

11° 00'.19 S 158° 15'.24 E

15° 02'.89 S 153° 29'.50 E.

Charts will be updated in due course.

Mariners are advised to navigate with caution in the area.

**Chart which will be affected - Aus 197 - Aus 200 - Aus 379 - Aus 489 - Aus 621 - Aus 808 - Aus 4620 (INT 620) - Aus 4621 (INT 621) - Aus 4623 (INT 623) - Aus 4634 (INT 634) - Aus 4635 (INT 635) - Aus 4643 (INT 643) - PNG 505 - PNG 506**

**208(T)/2020 PAPUA NEW GUINEA - Ward Hunt Strait - Ipoteto Island - Light unlit**  
National Maritime Safety Authority PNG

The light, *F(2)8s 23m 10M* (9° 37'.78 S 150° 01'.36 E), is unlit.

**Chart temporarily affected - Aus 4604 (INT 604) - Aus 4620 (INT 620) - Aus 4621 (INT 621) - PNG 518 - PNG 519**

**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**

**44(P)/2020 SOLOMON ISLANDS - Bina Harbour - Shoaling**  
HMAS *Leeuwin*

Latest survey shows shoaler depths than those charted may exist in Bina Harbour (8° 56'.3 S 160° 45'.0 E).

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

**Chart which will be affected - SLB 104**

**76(T)/2020 SOUTHERN OCEAN - Survey and research operations**  
JAMSTEC

RV *Hakuho Maru* is conducting survey and research operations in areas bounded by the following positions:  
50° 00'.0 S 38° 00'.0 E

60° 00'.0 S 38° 00'.0 E  
60° 00'.0 S 52° 00'.0 E  
50° 00'.0 S 52° 00'.0 E;  
and  
62° 00'.0 S 48° 00'.0 E  
68° 00'.0 S 48° 00'.0 E  
68° 00'.0 S 72° 00'.0 E  
62° 00'.0 S 72° 00'.0 E;  
and  
45° 00'.0 S 99° 00'.0 E  
50° 00'.0 S 99° 00'.0 E  
50° 00'.0 S 104° 00'.0 E  
45° 00'.0 S 104° 00'.0 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 448 (INT 9038) - Aus 449 (INT 9035) - Aus 450 (INT 9033) - Aus 599 (INT 9037) - Aus 600 (INT 9036) - Aus 4060 (INT 60) - Aus 4070 (INT 70) - Aus 4074 (INT 74) - Aus 4710 (INT 710)**

**184(P)/2020 SOLOMON ISLANDS - Port Noro to Kuri Point - Shoaling**  
Australian Hydrographic Office

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

8° 15'.07 S 157° 11'.77 E  
8° 15'.36 S 157° 11'.71 E  
8° 15'.43 S 157° 11'.52 E  
8° 15'.78 S 157° 11'.47 E  
8° 15'.78 S 157° 12'.00 E  
8° 15'.07 S 157° 11'.89 E;  
and  
8° 19'.68 S 157° 11'.83 E  
8° 21'.27 S 157° 12'.62 E  
8° 21'.09 S 157° 13'.14 E  
8° 19'.05 S 157° 12'.30 E  
8° 19'.17 S 157° 11'.76 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**

**254(T)/2020 INDONESIA - Selaru - Scientific instruments**  
RPS Group

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
8° 00'.55 S 131° 15'.11 E	20m below surface
8° 00'.79 S 131° 13'.26 E	20m below surface
8° 03'.70 S 131° 14'.69 E	60m below surface
8° 06'.60 S 131° 14'.95 E	100m below surface
8° 07'.03 S 131° 14'.99 E	125m below surface
8° 07'.09 S 131° 14'.98 E	150m below surface
8° 07'.36 S 131° 15'.01 E	200m below surface
8° 08'.44 S 131° 15'.11 E	275m below surface
8° 10'.28 S 131° 16'.11 E	395m below surface
8° 11'.12 S 131° 16'.98 E	770m below surface
8° 12'.81 S 131° 18'.73 E	1170m below surface
8° 18'.42 S 131° 19'.71 E	1530m below surface
8° 25'.90 S 131° 18'.21 E	1410m below surface
8° 32'.81 S 131° 15'.19 E	1145m below surface
8° 42'.24 S 131° 04'.59 E	945m below surface
8° 54'.76 S 130° 48'.51 E	710m below surface
9° 09'.26 S 130° 25'.23 E	light buoy, Q(5)Y.20s.

**Chart temporarily affected - Aus 310 - Aus 4721 (INT 721)**